DOCKET: UNIT_NME: RPT_PERIOD:	313 ANO Unit 1 201210			ER NAME: ER TELEPHONE:	Steven L. Coffman 479-858-5560		
 Design Electrica Maximum Depe 	al Rating: endable Capacity (MWe-Net)	850 836					
		This Month	Yr-to-Date	Cumulative			
3. Number of Hou	rs the Reactor was Critical	744.00	7,319.00	271,888.17			
4. Number of Hou	rs Generator On-line	744.00	7,319.00	268,754.08			
5. Reserve Shutdown Hours		0.00	0.00	817.50			
6. Net Electrical energy Generated (MWHrs)		635,003.00	6,180,338.00	212,175,947.24	ŀ		
UNIT SHUTDOWNS							

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

 $\label{eq:summary_summary_summary} SUMMARY \quad ANO-1 \mbox{ operated the entire month at, or near full power.}$

DOCKET: UNIT_NME: RPT_PERIOD:	313 ANO Unit 1 201211			ER NAME: ER TELEPHONE:	Steven L. Coffman 479-858-5560		
 Design Electrica Maximum Depe 	al Rating: endable Capacity (MWe-Net)	850 836					
		This Month	Yr-to-Date	Cumulative			
3. Number of Hou	rs the Reactor was Critical	721.00	8,040.00	272,609.17			
4. Number of Hou	rs Generator On-line	721.00	8,040.00	269,475.08			
5. Reserve Shutdown Hours		0.00	0.00	817.50			
6. Net Electrical energy Generated (MWHrs)		617,016.00	6,797,354.00	212,792,963.24	Ļ		
UNIT SHUTDOWNS							

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

SUMMARY ANO-1 began the month at, or near full power. Between 11/06/2012, and 11/09/2012, several power reductions to ~98% were required due to "A" Main Feedwater Pump control problems. On 11/10/2012, power was reduced to ~85% to perform planned Main Turbine Valve testing. The Unit was returned to full power that same day, and operated at, or near full power for the remainder of the month.

DOCKET: UNIT_NME: RPT_PERIOD:	313 ANO Unit 1 201212			ER NAME: ER TELEPHONE:	Steven L. Coffman 479-858-5560
 Design Electrica Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	850 836			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	8,784.00	273,353.17	
4. Number of Hou	rs Generator On-line	744.00	8,784.00	270,219.08	
5. Reserve Shutdo	own Hours	0.00	0.00	817.50	
6. Net Electrical e	nergy Generated (MWHrs)	638,707.00	7,436,061.00	213,431,670.24	Ļ
		LINIT SI	HUTDOWNS		

UNIT SHUTDOWNS

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

 $\label{eq:summary_summary_summary} SUMMARY \quad ANO-1 \mbox{ operated the entire month at, or near full power.}$

DOCKET: UNIT NME:	368 ANO Unit 2			RER NAME:	Steven L. Coffman
RPT_PERIOD:	201210		PREPAR	RER TELEPHONE:	479-858-5560
 Design Electric Maximum Dep 	cal Rating: endable Capacity (MWe-Net)	1032 988			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	urs the Reactor was Critical	522.50	6,644.81	242,394.04	
4. Number of Hours Generator On-line		514.67	6,627.28 239,629.18		
5. Reserve Shute	Iown Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	496,463.00	6,587,848.00	215,836,550.00	

UNIT SHUTDOWNS

	Туре			Method of			
Date	F: Forced S: Scheduled	Duration (Hours)	Reason 1	Shutting Down 2	Cause - Corrective Action Comments		
10/10/2012	S	1.38	В	5	Main Turbine overspeed trip testing. The Reactor remained critical.		
9/13/2012	S	227.95	С	4	2R22 Refueling Outage		
	10/10/2012	F: ForcedDateScheduled10/10/2012S	F: ForcedDurationDateS: Scheduled(Hours)10/10/2012S1.38	F: ForcedDurationDateS: Scheduled(Hours)Reason 110/10/2012S1.38B	F: Forced DateDuration (Hours)Shutting Down 210/10/2012S1.38B5		

SUMMARY ANO-2 began the month off line for the 2R22 Refueling Outage. On 10/10/2012, after the completion of refueling outage activities, ANO-2 was connected to the electrical grid. That same day, the Main Turbine was taken off line for overspeed trip testing, then reconnected to the electrical grid. ANO-2 achieved full power on 10/13/2012, and operated the remainder of the month at, or near full power.

DOCKET: UNIT_NME: RPT_PERIOD:	368 ANO Unit 2 201211			ER NAME: ER TELEPHONE:	Steven L. Coffman 479-858-5560
 Design Electrica Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	1032 988			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	721.00	7,365.81	243,115.04	
4. Number of Hou	rs Generator On-line	721.00	7,348.28	240,350.18	
5. Reserve Shutdo	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	725,747.00	7,313,595.00	216,562,297.00)
			RINOUTIN		

UN	SF	U	IL	JC	V	VI	NS		
					-	-		-	

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

SUMMARY ANO-2 began the month at, or near full power. On 11/19/2012, power was reduced to ~97% for several hours due to moderator temperature coefficient testing. The Unit operated the remainder of the month at, or near full power.

DOCKET: UNIT_NME: RPT_PERIOD:	368 ANO Unit 2 201212			ER NAME: ER TELEPHONE:	Steven L. Coffman 479-858-5560
 Design Electrica Maximum Depe 	al Rating: Indable Capacity (MWe-Net)	1032 988			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	8,109.81	243,859.04	
4. Number of Hou	rs Generator On-line	744.00	8,092.28	241,094.18	
5. Reserve Shutdo	own Hours	0.00	0.00	0.00	
6. Net Electrical er	nergy Generated (MWHrs)	749,971.00	8,063,566.00	217,312,268.00)
			NUTDOWNS		

UNIT SHUTDOWNS

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

SUMMARY ANO-2 operated the entire month at, or near full power.

DOCKET:	334		PREPAR	ER NAME:	Dave T. Jones
UNIT_NME: RPT_PERIOD:	Beaver Valley Unit 1 201210		PREPAR	ER TELEPHONE:	7246824962
-					
 Design Electric 	al Rating:	911			
2. Maximum Depe	endable Capacity (MWe-Net)	892			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	744.00	6,558.95	240,048.54	
4. Number of Hou	rs Generator On-line	744.00	6,545.54	237,365.24	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	676,634.70	5,881,447.00	187,553,619.40)

UNIT SHUTDOWNS

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

SUMMARY BVPS-1 operated at a nominal value of 100% power for the entire month of October 2012 except for 5.2 hours at approximately 98% to restore LEFM functionality and 10.5 hours at approximately 98% to support Unit 2 Turbine roll.

DOCKET:	DOCKET: 334			PREPARER NAME:	
UNIT_NME: RPT_PERIOD:	Beaver Valley Unit 1 201211		PREPAR	ER TELEPHONE:	724-682-4962
1. Design Electric		911			
0	endable Capacity (MWe-Net)	892			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	721.00	7,279.95	240,769.54	
4. Number of Hou	rs Generator On-line	721.00	7,266.54	238,086.24	
5. Reserve Shutdo	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	659,187.80	6,540,634.80	188,212,807.20	

UNIT SHUTDOWNS

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

SUMMARY BVPS-1 operated at a nominal value of 100% power for the entire month of November 2012 except for 5.0 hours at approximately 97% power to perform planned Turbine Valve Testing.

DOCKET:	334		PREPAR	ER NAME:	David T. Jones
UNIT_NME: RPT_PERIOD:	Beaver Valley Unit 1 201212		PREPAR	ER TELEPHONE:	724-682-4962
1. Design Electric	0	911 892			
2. Maximum Depe	endable Capacity (MWe-Net)	092			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	744.00	8,023.95	241,513.54	
4. Number of Hou	rs Generator On-line	744.00	8,010.54	238,830.24	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	679,945.60	7,220,580.40	188,892,752.80)

UNIT SHUTDOWNS

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

SUMMARY BVPS-1 operated at a nominal value of 100% power for the entire month of December 2012.

DOCKET:	412		PREPAR	ER NAME:	Dave T. Jones
UNIT_NME: RPT_PERIOD:	Beaver Valley Unit 2 201210		PREPAR	ER TELEPHONE:	7246824962
_		004			
1. Design Electric	0	904			
2. Maximum Dep	endable Capacity (MWe-Net)	885			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	urs the Reactor was Critical	0.00	6,407.27	189,627.17	
4. Number of Hou	urs Generator On-line	0.00	6,407.02	188,735.52	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	0.00	5,731,505.50	153,836,566.90	

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
1	9/24/2012	S	744.00	С	4	BVPS-2 shutdown for its 16th refueling outage on 9/24/12. The Unit completed the refueling outage on 11/2/12 at 1922 hours.

SUMMARY BVPS-2 continued with its 16th refueling outage with the outage extended one (1) day beyond its planned 37 day duration as of the end of October 2012.

DOCKET:	412	PREPAR	David T. Jones		
UNIT_NME:	Beaver Valley Unit 2		PREPAR	RER TELEPHONE:	724-682-4962
RPT_PERIOD:	201211				
1. Design Electric	al Rating:	904			
2. Maximum Dep	endable Capacity (MWe-Net)	885			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	715.03	7,122.30	190,342.20	
4. Number of Hou	irs Generator On-line	677.63	7,084.65	189,413.15	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	603,358.40	6,334,863.90	154,439,925.30	

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
1	9/24/2012	S	43.37	С	4	BVPS-2 shutdown for its 16th refueling outage on 9/24/12. The Unit completed the refueling outage on 11/2/12 at 1922 hours.

SUMMARY BVPS-2 began the month in a refueling outage (2R16) extension which was completed on 11/2/12 at 1922 hours. BVPS-2 was then returned to 100% power on 11/6/12 at 1735 hours. The Unit continued to operate at a nominal value of 100% power for the remainder of November 2012.

DOCKET:	OCKET: 412			PREPARER NAME:		
UNIT_NME: RPT_PERIOD:	Beaver Valley Unit 2 201212		PREPAR	ER TELEPHONE:	724-682-4962	
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	904 885				
		This Month	Yr-to-Date	Cumulative		
3. Number of Hou	rs the Reactor was Critical	744.00	7,866.30	191,086.20		
4. Number of Hou	rs Generator On-line	744.00	7,828.65	190,157.15		
5. Reserve Shutde	own Hours	0.00	0.00	0.00		
6. Net Electrical e	nergy Generated (MWHrs)	697,658.10	7,032,522.00	155,137,583.40		

UNIT SHUTDOWNS

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

SUMMARY BVPS-2 operated at a nominal value of 100% power for the entire month of December 2012.

DOCKET:	456		PREPAR	ER NAME:	E. Steckhan
UNIT_NME: RPT_PERIOD:	Braidwood Unit 1 201210		PREPAR	ER TELEPHONE:	815-417-3850
1. Design Electric	al Rating:	1187			
2. Maximum Dependable Capacity (MWe-Net)		1151			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	744.00	6,517.28	188,514.31	
4. Number of Hou	rs Generator On-line	744.00	6,504.55	187,423.32	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	888,304.00	7,635,919.00	209,582,478.00	1

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 - Operated normally at full load for the entire month.

DOCKET: UNIT_NME: RPT_PERIOD:	456 Braidwood Unit 1 201211			ER NAME: ER TELEPHONE:	David Johnson 815-417-2478
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	1187 1151			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	721.00	7,238.28	189,235.31	
4. Number of Hou	rs Generator On-line	721.00	7,225.55	188,144.32	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	862,862.00	8,498,781.00	210,445,340.00	1

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 - Operated normally at full load for the entire month.

DOCKET:	456		PREPAR	ER NAME:	David Johnson
UNIT_NME: RPT_PERIOD:	Braidwood Unit 1 201212		PREPAR	ER TELEPHONE:	815-417-2478
1. Design Electric	U U	1187			
2. Maximum Depe	endable Capacity (MWe-Net)	1151			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,982.28	189,979.31	
4. Number of Hou	rs Generator On-line	744.00	7,969.55	188,888.32	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	889,655.00	9,388,436.00	211,334,995.00	1

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

Operated normally at full load for the entire month, except for a planned derate of 715.5 MW for a Throttle Valve / Governor Valve Test.

DOCKET:	457		PREPAR	ER NAME:	E. Steckhan
UNIT_NME: RPT_PERIOD:	Braidwood Unit 2 201210		PREPAR	ER TELEPHONE:	815-417-3850
1. Design Electric	al Rating:	1155			
2. Maximum Dep	endable Capacity (MWe-Net)	1125			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	urs the Reactor was Critical	336.00	6,911.00	192,580.90	
4. Number of Hou	urs Generator On-line	336.00	6,911.00	191,744.45	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	379,851.00	7,958,476.00	212,665,782.00	

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
A2R16	10/15/2012	S	408.00	С	1	A2R16 (Planned Refueling Outage) began 10/15/2012 at 12:00 AM. Scheduled duration of 23 days (11/7/2012). U2 reactor critical 11/8/2012 at 0640, and generator syncronized to the grid at 18:56.

SUMMARY Unit 2 - Operated normally at full load until 10/15/2012 when the Unit was removed from service for scheduled refueling outage A2R16.

DOCKET:	457	PREPAR	David Johnson		
UNIT_NME: RPT_PERIOD:	Braidwood Unit 2 201211		PREPAR	ER TELEPHONE:	815-417-2478
1. Design Electrical	Rating:	1155			
2. Maximum Deper	idable Capacity (MWe-Net)	1125			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hours	s the Reactor was Critical	545.33	7,456.33	193,126.23	
4. Number of Hours	Generator On-line	533.07	7,444.07	192,277.52	
5. Reserve Shutdov	wn Hours	0.00	0.00	0.00	
6. Net Electrical en	ergy Generated (MWHrs)	588,961.00	8,547,437.00	213,254,743.00	

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
A2R16	10/15/2012	S	186.93	C	4	A2R16 (Planned Refueling Outage) began 10/15/2012 at 12:00 AM. Scheduled duration of 23 days (11/7/2012). U2 reactor critical 11/8/2012 at 0640, and generator syncronized to the grid at 18:56.

SUMMARY Unit 2 - Returned from a planned refuel outage on 11/8/2012. The unit operated normally throughout the remainder of the month.

DOCKET:	457		PREPAR	ER NAME:	David Johnson
UNIT_NME: RPT_PERIOD:	Braidwood Unit 2 201212		PREPAR	ER TELEPHONE:	815-417-2478
1. Design Electric	Ū	1155			
2. Maximum Depe	endable Capacity (MWe-Net)	1125			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	8,200.33	193,870.23	
4. Number of Hou	rs Generator On-line	744.00	8,188.07	193,021.52	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	870,479.00	9,417,916.00	214,125,222.00	

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 normally at full load for the entire month.

DOCKET: UNIT_NME: RPT_PERIOD:	259 Browns Ferry Unit 1 201210			PREPAREF PREPAREF	R NAME: R TELEPHONE:	Amanda Ledford 729-7914
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	1120 1101				
		This	Month Yr	-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	456.	02 7,0	031.02	103,465.73	
4. Number of Hou	rs Generator On-line	456.	00 7,0	031.00	101,652.42	
5. Reserve Shutd	own Hours	0.00	0.0	00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	495,8	860.70 7,8	308,383.30	99,894,407.81	
				DOWNS		
	Туре			Method o	of	
No. Date	F: Forced S: Scheduled	Duration (Hours)	Reason 1	Shutting Down 2		se - Corrective Action Comments

110.	Datt	S. Scheuneu	(IIOUIS)	ICason 1	Down 2	Comments	
01	10/20/2012	S	288.00	С	1	U1C9 Refueling Outage	

DOCKET:	259		PREPAR	ER NAME:	Amanda Ledford
-	Browns Ferry Unit 1 201211		PREPAR	ER TELEPHONE:	729-7914
 Design Electrical Maximum Depen 	Rating: idable Capacity (MWe-Net)	1120 1101			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hours	s the Reactor was Critical	0.00	7,031.02	103,465.73	
4. Number of Hours	Generator On-line	0.00	7,031.00	101,652.42	
5. Reserve Shutdow	wn Hours	0.00	0.00	0.00	
6. Net Electrical ene	ergy Generated (MWHrs)	0.00	7,808,383.30	99,894,407.81	
		UNIT SI	HUTDOWNS		
	Type		Method	lof	

No.	Date	F: Forced S: Scheduled	Duration (Hours)	Reason 1	Shutting Down 2	Cause - Corrective Action Comments
01	10/20/2012	S	720.00	С	4	U1C9 Refueling Outage

DOCKET: UNIT_NME: RPT_PERIOD:	259 Browns Ferry Unit 1 201212			ER NAME: ER TELEPHONE:	Amanda Ledford 729-7914
 Design Electric Maximum Deperture 	al Rating: endable Capacity (MWe-Net)	1120 1101			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	726.25	7,757.27	104,191.98	
4. Number of Hou	irs Generator On-line	660.72	7,691.72	102,313.14	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	697,595.30	8,505,978.60	100,592,003.1	1
		UNIT S	HUTDOWNS		
No Dot		Duration	Methoo Shutti	ng Cau	use - Corrective Action

No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments
01	10/20/2012	S	83.28	С	4	U1C9 Refueling Outage

DOCKET:	260		PREPAR	ER NAME:	Amanda Ledford
UNIT_NME: RPT_PERIOD:	Browns Ferry Unit 2 201210		PREPAR	ER TELEPHONE:	729-7914
1. Design Electric	al Rating:	1120			
2. Maximum Depe	endable Capacity (MWe-Net)	1104			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,319.00	227,909.27	
4. Number of Hou	rs Generator On-line	744.00	7,319.00	224,667.23	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	822,462.70	8,070,117.30	230,820,834.11	

UNIT SHUTDOWNS

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

DOCKET:	260		PREPAR	ER NAME:	Amanda Ledford
UNIT_NME: RPT_PERIOD:	Browns Ferry Unit 2 201211		PREPAR	ER TELEPHONE:	729-7914
1. Design Electrica	al Rating:	1120			
2. Maximum Depe	endable Capacity (MWe-Net)	1104			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	721.00	8,040.00	228,630.27	
4. Number of Hou	rs Generator On-line	721.00	8,040.00	225,388.23	
5. Reserve Shutdo	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	811,242.70	8,881,360.00	231,632,076.81	

UNIT SHUTDOWNS

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

DOCKET:	ET: 260			ER NAME:	Amanda Ledford		
UNIT_NME: RPT_PERIOD:	Browns Ferry Unit 2 201212		PREPAR	ER TELEPHONE:	729-7914		
-							
 Design Electric 	al Rating:	1120					
2. Maximum Depe	endable Capacity (MWe-Net)	1104					
		This Month	Yr-to-Date	Cumulative			
3. Number of Hou	irs the Reactor was Critical	672.18	8,712.18	229,302.45			
4. Number of Hou	rs Generator On-line	645.70	8,685.70	226,033.93			
5. Reserve Shutde	own Hours	0.00	0.00	0.00			
6. Net Electrical e	nergy Generated (MWHrs)	694,639.30	9,575,999.30	232,326,716.11	1		
	UNIT SHUTDOWNS						

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
01	12/22/2012	F	98.30	G	3	U2 Reactor Scram due to loss of power to RPS during 3D Diesel Generator work which cause MSIV's to close

DOCKET:	296		PREPAR	ER NAME:	Amanda Ledford
UNIT_NME: RPT_PERIOD:	Browns Ferry Unit 3 201210		PREPAR	ER TELEPHONE:	729-7914
1. Design Electric	0	1120			
2. Maximum Depe	endable Capacity (MWe-Net)	1105			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	6,103.68	183,594.47	
4. Number of Hou	rs Generator On-line	744.00	5,991.09	181,602.35	
5. Reserve Shutdo	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	829,206.70	6,355,136.30	190,029,413.74	ļ

UNIT SHUTDOWNS

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

DOCKET:	296		PREPAR	ER NAME:	Amanda Ledford
UNIT_NME: RPT_PERIOD:	Browns Ferry Unit 3 201211		PREPAR	ER TELEPHONE:	729-7914
1. Design Electric	U U	1120			
2. Maximum Dependable Capacity (MWe-Net)		1105			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	721.00	6,824.68	184,315.47	
4. Number of Hou	rs Generator On-line	721.00	6,712.09	182,323.35	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	812,440.70	7,167,577.00	190,841,854.44	

UNIT SHUTDOWNS

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

DOCKET:	296		PREPAR	ER NAME:	Amanda Ledford
UNIT_NME: RPT_PERIOD:	Browns Ferry Unit 3 201212		PREPAR	ER TELEPHONE:	729-7914
1. Design Electric	0	1120			
2. Maximum Depe	endable Capacity (MWe-Net)	1105			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,568.68	185,059.47	
4. Number of Hou	rs Generator On-line	744.00	7,456.09	183,067.35	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	831,959.30	7,999,536.30	191,673,813.74	Ļ

UNIT SHUTDOWNS

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

DOCKET:	325		PREPAR	ER NAME:	Adam Flora
UNIT_NME: RPT_PERIOD:	Brunswick Unit 1 201210		PREPAR	ER TELEPHONE:	910-457-2027
1. Design Electric	al Rating:	983			
2. Maximum Depe	endable Capacity (MWe-Net)	938			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	5,458.72	239,459.22	
4. Number of Hou	rs Generator On-line	744.00	5,315.05	234,310.81	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	717,365.00	4,914,515.00	188,680,502.00)

UNIT SHUTDOWNS

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

DOCKET:	325		PREPAR	ER NAME:	Adam Flora
UNIT_NME: RPT_PERIOD:	Brunswick Unit 1 201211		PREPAR	ER TELEPHONE:	910-457-2027
1. Design Electrica	0	983			
2. Maximum Depe	endable Capacity (MWe-Net)	938			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	721.00	6,179.72	240,180.22	
4. Number of Hou	rs Generator On-line	721.00	6,036.05	235,031.81	
5. Reserve Shutdo	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	687,366.00	5,601,881.00	189,367,868.00)

UNIT SHUTDOWNS

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

DOCKET:	325		PREPAR	ER NAME:	Adam Flora
UNIT_NME: RPT_PERIOD:	Brunswick Unit 1 201212		PREPAR	ER TELEPHONE:	910-457-2027
1. Design Electric	al Rating:	983			
2. Maximum Depe	endable Capacity (MWe-Net)	938			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	6,923.72	240,924.22	
4. Number of Hou	rs Generator On-line	744.00	6,780.05	235,775.81	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	721,991.00	6,323,872.00	190,089,859.00	

UNIT SHUTDOWNS

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

DOCKET:	324		PREPAR	ER NAME:	Adam Flora
UNIT_NME: RPT_PERIOD:	Brunswick Unit 2 201210		PREPAR	ER TELEPHONE:	910-457-2027
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	980 920			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,319.00	249,478.39	
4. Number of Hou	rs Generator On-line	744.00	7,319.00	242,730.81	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	679,325.00	6,808,111.00	188,502,756.00)

UNIT SHUTDOWNS

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

DOCKET:	324		PREPAR	ER NAME:	Adam Flora
UNIT_NME: RPT_PERIOD:	Brunswick Unit 2 201211		PREPAR	ER TELEPHONE:	910-457-2027
1. Design Electric	0	980			
2. Maximum Depe	endable Capacity (MWe-Net)	920			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	721.00	8,040.00	250,199.39	
4. Number of Hou	rs Generator On-line	641.62	7,960.62	243,372.43	
5. Reserve Shutdo	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	526,576.00	7,334,687.00	189,029,332.00	1

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
B220 M3	11/24/2012	F	34.58	А	5	Generator removed from service due to failure of valve 2-MD-V14 resulting in internal flooding.
B220 M3	11/22/2012	F	44.80	A	5	Removed generator from service to repair the no- load disconnect switch.

SUMMARY No reactor shutdowns, but Unit was taken offline to repair the no-load disconnect switch.

DOCKET:	324		PREPAR	ER NAME:	Adam Flora
UNIT_NME: RPT_PERIOD:	Brunswick Unit 2 201212		PREPAR	ER TELEPHONE:	910-457-2027
-		980			
1. Design Electrica	endable Capacity (MWe-Net)	980			
2. Maximum Depe	indable Capacity (intre-inet)			• • •	
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	8,784.00	250,943.39	
4. Number of Hou	rs Generator On-line	744.00	8,704.62	244,116.43	
5. Reserve Shutdo	own Hours	0.00	0.00	0.00	
6. Net Electrical er	nergy Generated (MWHrs)	653,123.00	7,987,810.00	189,682,455.00	

UNIT SHUTDOWNS

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

DOCKET:	454		PREPAR	ER NAME:	David Eder
UNIT_NME: RPT_PERIOD:	Byron Unit 1 201210		PREPAR	ER TELEPHONE:	815 406-2194
1. Design Electric	al Rating:	1187			
2. Maximum Depe	endable Capacity (MWe-Net)	1138			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	585.67	6,556.61	210,439.17	
4. Number of Hou	irs Generator On-line	576.05	6,519.35	209,260.70	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	639,456.00	7,192,746.00	228,289,068.00)
			HUTDOWNS		
	Type		Metho	lof	

No.	Date	F: Forced S: Scheduled	Duration (Hours)	Reason 1	Shutting Down 2	Cause - Corrective Action Comments
B1R18 9/1	10/2012	S	167.95	C	4	Scheduled shutdown for Unit 1 Refueling Outage (B1R18).

SUMMARY unit 1 completed refueling outage B1R18 10/7/12 23:57. Actual duration was just under 28 days with an original scheduled duration of 24 days.

DOCKET:	454		PREPAR	ER NAME:	David Eder
UNIT_NME: RPT_PERIOD:	Byron Unit 1 201211		PREPAR	ER TELEPHONE:	815 406-2194
1. Design Electric	Ũ	1187 1138			
2. Maximum Depe	endable Capacity (MWe-Net)	1130			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	721.00	7,277.61	211,160.17	
4. Number of Hou	rs Generator On-line	721.00	7,240.35	209,981.70	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	852,567.00	8,045,313.00	229,141,635.00)

UNIT SHUTDOWNS

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

SUMMARY Unit on line entire month.

DOCKET:	454		PREPAR	ER NAME:	David Eder
UNIT_NME: RPT_PERIOD:	Byron Unit 1 201212		PREPAR	ER TELEPHONE:	815 406-2194
1. Design Electric	0	1187			
Maximum Dependable Capacity (MWe-Net)		1138			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	8,021.61	211,904.17	
4. Number of Hou	rs Generator On-line	744.00	7,984.35	210,725.70	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	879,771.00	8,925,084.00	230,021,406.00	1

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 on line the entire month.

DOCKET:	455		PREPAR	ER NAME:	David Eder
UNIT_NME: RPT_PERIOD:	Byron Unit 2 201210		PREPAR	ER TELEPHONE:	815 406-2194
1. Design Electric	Ū	1155			
2. Maximum Depe	endable Capacity (MWe-Net)	1120			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,140.44	203,950.23	
4. Number of Hou	rs Generator On-line	744.00	7,071.96	202,963.00	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	831,812.00	7,727,225.00	220,164,566.00)

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 on line the entire month.

DOCKET:	455		PREPAR	ER NAME:	David Eder
UNIT_NME: RPT_PERIOD:	Byron Unit 2 201211		PREPAR	ER TELEPHONE:	815 406-2194
1. Design Electric	0	1155			
2. Maximum Depe	endable Capacity (MWe-Net)	1120			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	721.00	7,861.44	204,671.23	
4. Number of Hou	rs Generator On-line	721.00	7,792.96	203,684.00	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	818,290.00	8,545,515.00	220,982,856.00	1

UNIT SHUTDOWNS

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

SUMMARY Unit on line entire month.

DOCKET:	455		PREPAR	ER NAME:	David Eder
UNIT_NME: RPT_PERIOD:	Byron Unit 2 201212		PREPAR	ER TELEPHONE:	815 406-2194
1. Design Electric	al Rating:	1155			
2. Maximum Depe	endable Capacity (MWe-Net)	1120			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	8,605.44	205,415.23	
4. Number of Hou	rs Generator On-line	744.00	8,536.96	204,428.00	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	847,701.00	9,393,216.00	221,830,557.00)

UNIT SHUTDOWNS

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

SUMMARY Unit on line entire month of December.

DOCKET:	483		PREPAR	ER NAME:	S Petzel
UNIT_NME: RPT_PERIOD:	Callaway Unit 1 201210		PREPAR	ER TELEPHONE:	314 225 1476
1. Design Electric	0	1228			
2. Maximum Depe	endable Capacity (MWe-Net)	1190			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,319.00	219,081.12	
4. Number of Hou	rs Generator On-line	744.00	7,319.00	216,636.36	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	911,923.00	8,908,387.00	245,534,626.00)

UNIT SHUTDOWNS

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

SUMMARY Callaway Plant operated at essentially full power for the month October 2012.

DOCKET:	483		PREPAR	ER NAME:	s. petzel
UNIT_NME: RPT_PERIOD:	Callaway Unit 1 201211		PREPAR	ER TELEPHONE:	314 225 1476
1. Design Electric	al Rating:	1228			
2. Maximum Depe	endable Capacity (MWe-Net)	1190			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	721.00	8,040.00	219,802.12	
4. Number of Hou	rs Generator On-line	721.00	8,040.00	217,357.36	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	889,995.00	9,798,382.00	246,424,621.00)

UNIT SHUTDOWNS

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

SUMMARY Callaway Plant operated at essentially full power for the month of November 2012.

DOCKET:	483		PREPARI	ER NAME:	s. petzel
UNIT_NME: RPT_PERIOD:	Callaway Unit 1 201212		PREPARI	ER TELEPHONE:	314 225 1476
1. Design Electric	al Rating:	1228			
2. Maximum Depe	endable Capacity (MWe-Net)	1190			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	8,784.00	220,546.12	
4. Number of Hou	rs Generator On-line	744.00	8,784.00	218,101.36	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	919,937.00	10,718,319.00	247,344,558.00)

UNIT SHUTDOWNS

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

SUMMARY Callaway Plant operated at essentially full power for the month of December 2012.

DOCKET: UNIT_NME: RPT_PERIOD:	317 Calvert Cliffs Unit 1 201210			ER NAME: ER TELEPHONE:	Herman O. Olsent 410-495-6734
 Design Electrica Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	845 866			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	5,629.38	264,244.22	
4. Number of Hou	rs Generator On-line	744.00	5,575.93	260,742.16	
5. Reserve Shutdo	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	661,183.00	4,852,527.00	217,234,180.00	

UNIT SHUTDOWNS

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

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

On 10/04/2012 at 0210, power was reduced to 95% to clean waterboxes. Cleaning was completed at 0718 on 10/06/2012 and power was increased to 100% at 0837.

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

DOCKE UNIT_NI RPT_PE	ME: C RIOD: 2	17 alvert Cliffs Unit 1 01211			PREPARE PREPARE	R NAME: R TELEPHONE:	Herman O. Olsen 410-495-6734	
	n Electrical F	Rating: able Capacity (MWe-Net)	845 866					
2. Maxii				Month	Yr-to-Date	Cumulative		
3. Numt	per of Hours t	he Reactor was Critical	633.6		6,263.01	264,877.85		
4. Num	per of Hours (Generator On-line	633.5		6,209.45	261,375.68		
5. Rese	rve Shutdowr	n Hours	0.00		0.00	0.00		
6. Net E	ectrical ener	gy Generated (MWHrs)	566,7	25.00	5,419,252.00	217,800,905.00		
UNIT SHUTDOWNS								
	Type Method of							
		F: Forced	Duration		Shuttin	ng Cau	se - Corrective Action	
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	2	Comments	
5	11/27/2012	S	87.48	В	1	Element As electrical no A planned r performed additional in obtained, th allow replace further redu was removy to hot stance	f condition inspection of the Controlled semblies (CEA) identified abnormal bise associated with CEA #37 coil stack. eduction in power to 45% was on 11/26/2012 at 2235 to allow ntrusive testing. Based on the results the decision was made to shutdown to be decision was made to shutdown to cement of the coil stack. Power was iced on 11/27/2012 at 0520 and the unit ed from the grid at 0831 and shutdown by (mode 3) at 0838. The unit was n to cold shutdown (mode 5) and the	

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

An extent of condition inspection (based on the August dropped Control Element Assembly (CEA-9) was performed on the CEA coil stacks. An abnormal indication (noise) on CEA-37 was identified. On 11/26/2012 at 2235, power was reduced to 45% to allow more intrusive testing of the coil stack. Power remained at 45% until 11/27/2012 at 0630 when power was further reduced in preparation to shut down. The unit was removed from the grid at 0831 and shut down at 0838 to mode 3 (hot standby). The unit was cooled down to cold shutdown (mode 5) at 0500 11/28/2012. CEA-37 coil stack was replaced and additional testing was performed on all group 5 CEAs. No additional degradation was noted. On 11/29/2012 at 0715 a plant heat up was commenced. The unit returned to hot standby (mode 3) on 11/30/2012 at 0448. The unit remained in mode 3 for the remainder of the month.

2. Max	IME: G ERIOD: 2 ign Electrical imum Depend	dable Capacity (MWe-Net	This	Month	Yr-to-Date	R TELEPHONE:	Herman O. Olsen 410-495-6734	
		the Reactor was Critical	738.8		7,001.86	265,616.70		
		Generator On-line	725.		6,935.03	262,101.26		
	erve Shutdow		0.00		0.00	0.00		
0. Net	6. Net Electrical energy Generated (MWHrs) 650,923.00 6,070,175.00 218,451,828.00							
UNIT SHUTDOWNS								
		Туре F: Forced	Duration		Method Shuttin		se - Corrective Action	
No.	Date	S: Scheduled	(Hours)	Reason 1		0	Comments	
5	11/27/2012	S	18.42	В	4	Element As electrical no A planned r performed of additional in obtained, th allow replace further redu was remove to hot stance	f condition inspection of the Controlled semblies (CEA) identified abnormal bise associated with CEA #37 coil stack. eduction in power to 45% was on 11/26/2012 at 2235 to allow ntrusive testing. Based on the results the decision was made to shutdown to be decision was made to shutdown to cement of the coil stack. Power was iced on 11/27/2012 at 0520 and the unit ed from the grid at 0831 and shutdown lby (mode 3) at 0838. The unit was n to cold shutdown (mode 5) and the	

SUMMARY The unit began the month in mode 3 in the process of heating up following a planned outage to replace Controlled Element Assembly (CEA) #37 coil stack. The reactor was critical on 12/01/2012 at 0509. Power was increased and the unit was paralleled to the grid at 1825. The unit reached 100% on 12/02/2012 at 1217.

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

DOCKET:	318		PREPAR	ER NAME:	Herman O. Olsen
UNIT_NME: RPT_PERIOD:	Calvert Cliffs Unit 2 201210		PREPAR	ER TELEPHONE:	410-495-6734
1. Design Electrical Rating:		845			
2. Maximum Dependable Capacity (MWe-Net)		850			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,319.00	259,290.05	
4. Number of Hou	rs Generator On-line	744.00	7,319.00	257,208.57	
5. Reserve Shutdo	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	640,467.00	6,231,702.00	214,344,478.00)

UNIT SHUTDOWNS

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

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

DOCKET: UNIT_NME: RPT_PERIOD:	318 Calvert Cliffs Unit 2 201211			ER NAME: ER TELEPHONE:	Herman O. Olsen 410-495-6734
 Design Electrica Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	845 850			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	721.00	8,040.00	260,011.05	
4. Number of Hours Generator On-line		721.00	8,040.00	257,929.57	
5. Reserve Shutdo	own Hours	0.00	0.00	0.00	
6. Net Electrical energy Generated (MWHrs)		629,391.00	6,861,093.00	214,973,869.00)
		UNIT SI	HUTDOWNS		

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

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

DOCKET:	318	PREPAR	Herman O. Olsen		
UNIT_NME: RPT_PERIOD:	Calvert Cliffs Unit 2 201212		PREPAR	ER TELEPHONE:	410-495-6734
 Design Electrical Rating: Maximum Dependable Capacity (MWe-Net) 		845			
2. Maximum Depe	endable Capacity (wwe-wet)	850			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	8,784.00	260,755.05	
4. Number of Hou	rs Generator On-line	744.00	8,784.00	258,673.57	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	645,444.00	7,506,537.00	215,619,313.00	1

UNIT SHUTDOWNS

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

SUMMARY The unit began the month at 99.5% power.

On 12/15/2012 at 0802 power was reduced to 83% for Main Turbine Valve testing. At 0935 a governor valve (GV-2) was identified as being stuck. Repairs were performed and completed on 12/16/2012 at 2130. Main Turbine Valve testing was completed at 2240. The unit was returned to 99.5% on 12/17/2012 at 0755.

On 12/21/2012 at 1057 power was reduced to 98.6% to perform troubleshooting on a condensate booster pump. The pump was restored and power was increased to 99.5% at 1217.

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

DOCKET:	413		PREPAR	ER NAME:	Adrienne Driver
UNIT_NME: RPT_PERIOD:	Catawba Unit 1 201210		PREPAR	ER TELEPHONE:	8037013445
1. Design Electric	0	1145			
2. Maximum Dependable Capacity (MWe-Net)		1129			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,047.68	206,054.91	
4. Number of Hou	rs Generator On-line	744.00	7,021.93	203,922.12	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	862,900.00	8,075,099.00	228,668,014.00	

UNIT SHUTDOWNS

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

SUMMARY Catawba Unit 1 began and concluded the month of October 2012 operating at or near 100% Full Power. No planned or unplanned power reductions were incurred during the month.

DOCKET:	413		PREPAR	ER NAME:	Adrienne Driver
UNIT_NME: RPT_PERIOD:	Catawba Unit 1 201211		PREPAR	ER TELEPHONE:	8037013445
– 1. Design Electric	al Rating: endable Capacity (MWe-Net)	1145 1129			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	557.82	7,605.50	206,612.73	
4. Number of Hou	irs Generator On-line	557.42	7,579.35	204,479.54	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	637,423.00	8,712,522.00	229,305,437.00	1

UNIT SHUTDOWNS

		Туре	Dunation		Method of	Course Connective Action
No.	Date	F: Forced S: Scheduled	Duration (Hours)	Reason 1	Shutting Down 2	Cause - Corrective Action Comments
2	11/24/2012	S	163.58	С	1	Shutdown for 1EOC20 Refueling Outage

SUMMARY Catawba Unit 1 began the month of November 2012 operating at or near 100% Full Power. At 0320 on 11/3/12 power reduction was commenced from 100% Full Power for performance of Distributed Control System (DCS) tuning. The power reduction was halted at 98% Full Power at 0432 on 11/3/12. At 2257 on 11/3/12, following completion of DCS Tuning, power escalation was commenced from 98% Full Power. 100% Full Power was reached at 0532 on 11/4/12. At 0410 on 11/18/12, Reactor Power was allowed to commence gradual reduction per planned end of cycle temperature/power coastdown. At 0015 on 11/22/12, the coastdown was terminated and power reduction was commenced from 98.5% Full Power for performance of Main Steam Safety Valve (MSSV) testing. The power reduction was halted at 92% Full Power at 0653 on 11/22/12. At 2100 on 11/23/12 power reduction was commenced from 92% Full Power to shut the unit down for the Unit 1 End of Cycle 20 (1EOC20) Refueling Outage. At 0425 on 11/24/12 the Main Turbine/Generator was taken off line at a power level of 8% Full Power. At 0433 on 11/24/12 Mode 2 was entered as the unit reached 5% Full Power. At 0444 on 11/24/12 the power reduction was completed at 0% Full Power. Mode 3 was entered at 0449 and Mode 4 was subsequently entered at 0937 on 11/24/12. Mode 5 was entered at 1242 on 11/24/12. At 1000 on 11/27/12 the unit entered Mode 6. Unit 1 remained in Mode 6 for the remainder of the month.

DOCKET:	413		PREPAR	ER NAME:	Adrienne Driver
UNIT_NME: RPT_PERIOD:	Catawba Unit 1 201212		PREPAR	RER TELEPHONE:	8037013445
RFI_FERIOD.	201212				
 Design Electric 	al Rating:	1145			
2. Maximum Depe	endable Capacity (MWe-Net)	1129			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	115.32	7,720.82	206,728.05	
4. Number of Hou	irs Generator On-line	79.32	7,658.67	204,558.86	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	54,805.00	8,767,327.00	229,360,242.00	

UNIT SHUTDOWNS

		Туре			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments
2	11/24/2012	S	664.68	С	4	Shutdown for 1EOC20 Refueling Outage

Catawba Unit 1 began the month of December 2012 in Mode 6 with the End-of-Cycle 20 Refueling Outage in progress. No Mode was entered SUMMARY with completion of core unloading, at 0738 on 12/2/12. Mode 6 was entered with commencement of core reloading at 1400 on 12/8/12. Mode 5 was entered at 1438 on 12/14/12. Mode 4 was entered at 1410 on 12/21/12, with Mode 3 subsequently entered at 0553 on 12/22/12. At 1837 on 12/25/12, Mode 4 was re-entered due to Turbine Driven Auxiliary Feedwater Pump inoperability. Following restoration of the pump, Mode 3 was entered at 1134 on 12/26/12. Cycle 21 Reactor Startup was commenced (and Mode 2 Entered) at 0400 on 12/27/12. Criticality was achieved at a rod position of 182 Steps Withdrawn on Control Bank D, and a critical boron concentration of 1860 ppmB at 0441 on 12/27/12. At 1257 on 12/27/12 (following completion of Zero Power Physics Testing), power escalation was commenced from 0% Full Power. Power escalation was suspended at 3% Full Power at 1317 on 12/27/12 due to potential for Intermediate Range NIS 20% Power Rod Stop prior to reaching the P10 Permissive. Following calorimetric adjustment of the Intermediate Range NIS Channels, power escalation was resumed from 3% Full Power at 1936 and Mode 1 was subsequently entered at 2036 on 12/27/12. Power escalation was halted at 11% Full Power at 2144 on 12/27/12 for performance of Power Range NIS Channel calorimetric adjustment to clear P10 Permissive. On 12/28/12, power escalation was commenced from 11% Full Power at 0142 and halted at 0321 at 13.5% Full Power to put the Turbine/Generator in service. The Turbine/Generator was placed on line at 0802, and Power escalation commenced from 13.5% Full Power at 0838 on 12/28/12. At 0945 on 12/28/12, Power escalation was halted at 17.5% Full Power for required Main Turbine Overspeed Trip Test soaking. At 1234 on 12/28/12 power reduction was commenced from 17.5% Full Power. At 1259 the Turbine/Generator was taken off line at 16% Full Power, per Main Turbine Overspeed Trip testing, and the power reduction was subsequently halted at 1335 at 15.5% Full Power. Power escalation was commenced from 15.5% Full Power at 1403 and halted at 17.5% Full Power at 1447 on 12/28/12. At 1641 on 12/28/12 the Turbine/Generator was placed back on line, and at 1954, following completion Main Feedwater Nozzle swaps, power escalation was commenced from 17.5% Full Power. Power escalation was halted at 2259 on 12/28/12 at 42% Full Power for performance of Power Range NIS Channel calorimetric adjustment. Power escalation was commenced from 42% Full Power at 0435 and subsequently halted at 48% Full power at 0554 on 12/29/12 for performance of Main Generator Reactive Limits Verification (FERC) testing. Power escalation was commenced from 48% Full Power at 0951 on 12/29/12 and subsequently suspended at 1714 at 64% F.P. to assess Reactor response to power ascension with Main Turbine controls in "MegaWatts-In" mode, and to perform a Reactor Coolant System leakage calculation. Power escalation was resumed from 64% Full Power at 2035 on 12/29/12. At 0019 on 12/30/12 power escalation was suspended at 73.5% Full Power to place the C Main Feedwater Heater Drain Pumps in service. Power escalation was resumed from 73.5% Full Power at 0040 and subsequently halted at 75% Full Power at 0145 on 12/30/12 for 1BOC21 Power Ascension Testing (flux map). Power escalation was commenced from 75% Full Power at 0528, and suspended at 84.5% Full Power (for performance of Main Turbine Control Valve Movement Test) at 0929 on 12/30/12. Power escalation was resumed from 84.5% Full Power at 1034 on 12/30/12. At 1538 on 12/30/12, power escalation was halted at 97.5% Full Power for adjustment of Full Power Reactor Coolant Loop Full Power Delta T constants. On 12/31/12 power escalation was commenced from 97.5% Full Power at 0551, and 100% Full Power was subsequently reached at 0812. At 1649 on 12/31/12 a power reduction was manually initiated from 100% F.P. in response to a mild secondary side transient (1B2 Main Feedwater level control malfunction) to maintain Reactor Thermal Power below licensed power level (100% F.P.). At 1655 on 12/31/12 the power reduction was terminated at 87.5% F.P., the excessive power reduction having been incurred by a Main Turbine Control Panel pushbutton malfunction. Unit 1 operated at 87% Full Power for the remainder of the month.

DOCKET:	414		PREPAR	ER NAME:	Adrienne Driver
UNIT_NME: RPT_PERIOD:	Catawba Unit 2 201210		PREPAR	ER TELEPHONE:	8037013445
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	1145 1129			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	744.00	6,415.68	199,137.73	
4. Number of Hou	rs Generator On-line	744.00	6,384.52	197,416.28	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	865,186.00	7,353,733.00	221,932,108.00	1

UNIT SHUTDOWNS

		Туре			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 October 2012 operating at or near 100% Full Power. Power reduction from 100% Full Power was commenced for performance of Main Turbine Control Valve Movement periodic testing at 2049 and halted at 86% Full Power at 2216 on 10/13/12. Power escalation was commenced from 86% Full Power at 02330 on 10/13/12, and concluded at 100% Full Power at 0456 on 10/14/12. Unit 2 operated at or near 100% Full Power for the remainder of the month.

DOCKET:	414		PREPAR	ER NAME:	Adrienne Driver
UNIT_NME: RPT_PERIOD:	Catawba Unit 2 201211		PREPAR	ER TELEPHONE:	8037013445
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	1145 1129			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	721.00	7,136.68	199,858.73	
4. Number of Hou	rs Generator On-line	721.00	7,105.52	198,137.28	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	844,143.00	8,197,876.00	222,776,251.00	
		UNIT S	HUTDOWNS		

		Туре			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 November 2012 operating at or near 100% Full Power. Power reduction from 100% Full Power was commenced in support of Auxiliary Steam supply to Unit 1 at 0837 and halted at 99% Full Power at 1644 on 11/23/12. Power escalation was commenced from 99% Full Power at 0017 and concluded at 100% Full Power at 1434 on 11/25/12. Unit 2 operated at or near 100% Full Power for the remainder of the month.

DOCKET: UNIT_NME:	414 Catawba Unit 2			ER NAME: ER TELEPHONE:	Adrienne Driver 8037013445
RPT_PERIOD:	201212				
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	1145 1129			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,880.68	200,602.73	
4. Number of Hou	rs Generator On-line	744.00	7,849.52	198,881.28	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	864,096.00	9,061,972.00	223,640,347.00	l i i i i i i i i i i i i i i i i i i i
		UNIT S	HUTDOWNS		

UNIT SHUTDOWNS

		Туре			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 December 2012 operating at or near 100% Full Power. Power reduction from 100% Full Power was commenced in support of Auxiliary Steam supply to Unit 1 at 1630 on 12/16/12. Power was halted at 99% Full Power at 0920 on 12/17/12. Power escalation was commenced from 99% Full Power at 1002 and concluded at 100% Full Power at 1612 on 12/29/12. Unit 2 operated at or near 100% Full Power for the remainder of the month.

DOCKET:	461		PREPAR	ER NAME:	Joe Wemlinger
UNIT_NME: RPT_PERIOD:	Clinton Unit 1 201210		PREPAR	ER TELEPHONE:	217-937-3846
1. Design Electric	0	1062			
2. Maximum Depe	endable Capacity (MWe-Net)	1022			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	744.00	7,319.00	171,299.82	
4. Number of Hou	irs Generator On-line	744.00	7,319.00	168,471.21	
5. Reserve Shutd	own Hours	0.00	0.00	4.00	
6. Net Electrical e	energy Generated (MWHrs)	796,953.00	7,804,053.00	161,158,850.48	

UNIT SHUTDOWNS

		Туре			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 October, 2012.

DOCKET: UNIT NME:	461 Clinton Unit 1			RER NAME: RER TELEPHONE:	Joe Wemlinger 217-937-3846
RPT_PERIOD:	201211		FREFAR	ER TELEFHONE.	217-937-3640
 Design Electric Maximum Deperture 	al Rating: endable Capacity (MWe-Net)	1062 1022			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	721.00	8,040.00	172,020.82	
4. Number of Hou	rs Generator On-line	721.00	8,040.00	169,192.21	
5. Reserve Shutde	own Hours	0.00	0.00	4.00	
6. Net Electrical e	nergy Generated (MWHrs)	774,233.00	8,578,286.00	161,933,083.48	5

UNIT SHUTDOWNS

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

SUMMARY CPS had no forced or planned energy losses for November, 2012.

DOCKET:	461		PREPAR	ER NAME:	Joe Wemlinger
UNIT_NME: RPT_PERIOD:	Clinton Unit 1 201212		PREPAR	ER TELEPHONE:	217-937-3846
1. Design Electrica	al Rating:	1062			
2. Maximum Depe	endable Capacity (MWe-Net)	1022			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	8,784.00	172,764.82	
4. Number of Hou	rs Generator On-line	744.00	8,784.00	169,936.21	
5. Reserve Shutdo	own Hours	0.00	0.00	4.00	
6. Net Electrical e	nergy Generated (MWHrs)	795,440.00	9,373,726.00	162,728,523.48	

UNIT SHUTDOWNS

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

SUMMARY Planned loss due to a sequence exchange and surveillances. Forced loss due to MSR Normal Drain valve failing open.

DOCKET:	397		PREPAR	ER NAME:	Darla Johnson
UNIT_NME: RPT_PERIOD:	Columbia Gen Sta Unit 2 201210		PREPAR	ER TELEPHONE:	509-377-4570
1. Design Electric	Ū	1153			
2. Maximum Depe	endable Capacity (MWe-Net)	1107			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	744.00	7,112.28	194,926.73	
4. Number of Hou	rs Generator On-line	744.00	7,080.20	190,513.77	
5. Reserve Shutde	own Hours	0.00	0.00	3,357.70	
6. Net Electrical e	nergy Generated (MWHrs)	833,314.84	7,688,020.64	195,166,511.43	i

UNIT SHUTDOWNS

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

SUMMARY Columbia Operated at 100% for the month of October except for one downpower to 97% for Bypass Valve Testing.

DOCKET:	397		PREPAR	ER NAME:	Darla Johnson
UNIT_NME: RPT_PERIOD:	Columbia Gen Sta Unit 2 201211		PREPAR	ER TELEPHONE:	509-377-4570
1. Design Electric	0	1153			
2. Maximum Depe	endable Capacity (MWe-Net)	1107			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	721.00	7,833.28	195,647.73	
4. Number of Hou	rs Generator On-line	721.00	7,801.20	191,234.77	
5. Reserve Shutde	own Hours	0.00	0.00	3,357.70	
6. Net Electrical e	nergy Generated (MWHrs)	810,062.45	8,498,083.09	195,976,573.88	5

UNIT SHUTDOWNS

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

SUMMARY Columbia Operated at 100% for the month of November except for one downpower to 97% for Bypass Valve Testing.

DOCKET:	397		PREPARER NAME:		Darla Johnson
UNIT_NME: RPT_PERIOD:	Columbia Gen Sta Unit 2 201212		PREPAR	ER TELEPHONE:	509-377-4570
1. Design Electric	al Rating:	1153			
2. Maximum Depe	endable Capacity (MWe-Net)	1107			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	8,577.28	196,391.73	
4. Number of Hou	rs Generator On-line	744.00	8,545.20	191,978.77	
5. Reserve Shutde	own Hours	0.00	0.00	3,357.70	
6. Net Electrical e	nergy Generated (MWHrs)	835,624.86	9,333,707.95	196,812,198.74	Ļ

UNIT SHUTDOWNS

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

SUMMARY Columbia Operated at 100% for the month of December except for two downpowers, one to 97% for Bypass Valve Testing and MSIV testing and the other to 63% for Control Rod Sequence Exchange.

DOCKET:	445		PREPAR	ER NAME:	G.D. Lytle
UNIT_NME: RPT_PERIOD:	Comanche Peak Unit 1 201210		PREPAR	ER TELEPHONE:	254-897-5455
	201210				
 Design Electric 	al Rating:	1218			
2. Maximum Depe	endable Capacity (MWe-Net)	1205			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	744.00	7,306.68	175,922.76	
4. Number of Hou	irs Generator On-line	744.00	7,300.88	174,854.06	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	913,218.00	8,929,412.00	194,722,568.00	1

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, 1271 MWe turbine power. On 10/31/12 at 06:15, the solid-state safeguards sequencer, train B spuriously actuated when the power supply malfunctioned. The Train B Emergency Diesel Generator started and safequards equipment began to sequence onto the Train B Safeguards bus, 1EA2. Operators reduced turbine load 50 MWe (100% to about 97% reactor power) to maintain reactor power limitations when the Auxiliary Feedwater Pump started. The Train B safeguards equipment was restored to normal operating configuration, the safeguards sequencer power supply replaced and the unit was returned to full power operation at 12:54 the same day. Unit 1 ended the month at 100% reactor, 1278 MWe turbine power.

DOCKET:	445		PREPAR	ER NAME:	G.D. Lytle
UNIT_NME:	Comanche Peak Unit 1		PREPAR	ER TELEPHONE:	254-897-5455
RPT_PERIOD:	201211				
1. Design Electric	al Rating:	1218			
2. Maximum Depe	endable Capacity (MWe-Net)	1205			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	499.47	7,806.15	176,422.23	
4. Number of Hou	rs Generator On-line	493.08	7,793.96	175,347.14	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	589,826.00	9,519,238.00	195,312,394.00	

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
1-12-2	11/2/2012	F	226.92	A	2	Reactor Coolant Pump (RCP) 1-04 had indication of increasing temperature and low oil reservoir level. The RCP motor lower bearings and the oil reservoir and cooling line seals and gaskets were replaced. The motor was successfully tested and returned to service. Program established to visually monitor all RCP oil reservoir levels remotely and to receive earlier alarm indication. Also changes in level and oil addition to be trended. Evaluation will be conducted to address potential age-related elastomer deterioration.

SUMMARY Unit 1 began the month at 100% reactor, 1278 MWe turbine power. On 11/02/12 at 01:42, licensed operators manually tripped the reactor upon indication of Reactor Coolant Pump 1-04 increasing bearing temperature and low oil reservoir level on the lower motor radial bearing. The unit responded to the reactor trip as designed, without complication. On 11/02/12 at 16:30, entered MODE 4. On 11/04/12 at 10:15, entered MODE 5. The RCP 1-04 motor lower bearings, reservoir and cooling line seals and gaskets were replaced. The RCP motor was successfully tested and returned to service. Program is in place to visually monitor all RCP's oil level remotely and for earlier alarm notification. On 11/09/12 at 23:59, entered MODE 4. On 11/10/12 at 09:39, entered MODE 3. On 11/11/12 at 05:51, entered MODE 2; Reactor critical at 06:14; Entered MODE 1 at 11:07; Synchronized to grid at 12:37. On 11/12/12 at 04:15, Unit 1 returned to 100% reactor, 1268 MWe turbine power. Unit 1 ended the month at 100% reactor, 1279 MWe turbine power.

DOCKET:	445		PREPARI	ER NAME:	G.D. Lytle
UNIT_NME: RPT_PERIOD:	Comanche Peak Unit 1 201212		PREPARI	ER TELEPHONE:	254-897-5455
1. Design Electric	al Rating:	1218			
2. Maximum Depe	endable Capacity (MWe-Net)	1205			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	8,550.15	177,166.23	
4. Number of Hou	rs Generator On-line	744.00	8,537.96	176,091.14	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	918,842.00	10,438,080.00	196,231,236.00	

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, 1280 MWe turbine power. Unit 1 ended the month at 100% reactor, 1280 MWe turbine power.

DOCKET:	446		PREPAR	ER NAME:	G.D. Lytle
UNIT_NME:	Comanche Peak Unit 2		PREPAR	ER TELEPHONE:	254-897-5455
RPT_PERIOD:	201210				
1. Design Electric	al Rating:	1207			
2. Maximum Depe	endable Capacity (MWe-Net)	1195			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	132.00	6,635.73	154,645.14	
4. Number of Hou	irs Generator On-line	132.00	6,621.50	153,949.19	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	150,132.00	8,008,564.00	173,588,160.00	1

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
2-12-2	10/6/2012	S	612.00	C	1	Unit 2 refueling outage 2RF13. Load 93 fresh fuel assemblies. Pressurizer heater inspection. Reactor coolant pump 2-01 seal replacement, 2-03 upper bearing replacement and flywheel ISI inspection. Alloy 600 bare metal visual of reactor vessel hot legs. Steam generator bottom channel head drain tube penetration inspection. Reactor vessel head penetration inspection for two RVLIS penetrations. Turbine generator - main generator and exciter minor inspection; replace LP turbine rupture discs; crawl thru of MSRs; Inspect 1 HP Stop and contol valve and 1 LP stop and control valve. Diesel Generators - Train A general maintenance; Train B general maintenance and 3 year PMs and turbocharger teardown. Station Service Water Pump 2-02 change out pump; replace motor. Safety injection Pump 2-01 replace mechanical seal. Replaced pump bearings. Replaced pump. Change out Condensate pump 2- 01 motor and pump. Replace 345 kV main generator output breakers CB-8020 and 8030. Extended 345 kV Switchyard East bus to facilitate installation of redundant feeder breaker for Startup Transformer 2ST. Tube cleaning and eddy current testing of most secondary heat exchangers. Repair tube leak in Main Feedwater Pump Auxiliary Condenser 2A. Repair manual Letdown Isolation valve 2-8085. Repair seat on Safety Injection system check valve 2-8956B. Replaced SI check valve 2-8819A.

SUMMARY unit 2 began the month at 100% reactor, 1260 MWe turbine power. On 10/06/12 at 09:00, licensed operators began power ascension from full power to minimum load to cool down the main turbine in preparation for unit shutdown to enter refueling outage 2RF13. On 10/06/12 at 12:00, licensed operators initiated a reactor trip from about 17.5% reactor power per station procedures to enter MODE 3 and commence 2RF13, which was scheduled for 22 days. On 10/06/12 at 18:12, entered MODE 4, followed by MODE 5 entry at 23:22. On 10/12/12 at 00:35 entered MODE 6. On 10/15/12 at 10:47, commenced full core offload to the spent fuel pools. On 10/17/12 at 03:21, completed full core offload and entry into MODE 0 (no MODE) at 03:22. On 10/21/12 at 08:34 entered MODE 6 and commenced core reload. On 10/23/12 at 01:40, full core reload was completed including 92 fresh fuel assemblies. On 10/26/12 at 11:26, entered MODE 5. On 10/29/12 at 09:09, entered MODE 4. On 10/31/12 at 09:02, enetered MODE 3. Unit 2 ended the month shutdown in MODE 3, ascending from refueling outage, 2RF13.

DOCKET: UNIT_NME: RPT_PERIOD:

446 Comanche Peak Unit 2 201211 PREPARER NAME: G.D. Lytle PREPARER TELEPHONE: 254-897-5455

 Design Electrical Rating: 	1207		
2. Maximum Dependable Capacity (MWe-Net)	1195		
	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	697.07	7,332.80	155,342.21
4. Number of Hours Generator On-line	662.77	7,284.27	154,611.96
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	668,891.00	8,677,455.00	174,257,051.00

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
2-12-3	11/17/2012	F	26.35	A	3	Heater Drain Pump discharge valve 2-LV-2592 failed closed on loss of instrument air. Loss of heater drain flow to the main feed pump caused the condensate low pressure bypass valve 2-PV-2286 to open on low feed pump suction pressure. The pressure perturbation caused the Main Feedwater Pump 2A to trip. An automatic reactor trip occurred upon lo-lo level in the steam generators.
2-12-2	10/6/2012	S	31.88	C	4	Unit 2 refueling outage 2RF13. Load 93 fresh fuel assemblies. Pressurizer heater inspection. Reactor coolant pump 2-01 seal replacement, 2-03 upper bearing replacement and flywheel ISI inspection. Alloy 600 bare metal visual of reactor vessel hot legs. Steam generator bottom channel head drain tube penetration inspection. Reactor vessel head penetration inspection. Reactor vessel head penetration inspection. Reactor vessel head penetration inspection. Reactor vessel seam generator - main generator and exciter minor inspection; replace LP turbine rupture discs; crawl thru of MSRs; Inspect 1 HP Stop and contol valve and 1 LP stop and control valve. Diesel Generators - Train A general maintenance; Train B general maintenance and 3 year PMs and turbocharger teardown. Station Service Water Pump 2-02 change out pump; replace motor. Safety injection Pump 2-01 replace mechanical seal. Replaced pump bearings. Replaced pump. Change out Condensate pump 2- 01 motor and pump. Replace 345 kV main generator output breakers CB-8020 and 8030. Extended 345 kV Switchyard East bus to facilitate installation of redundant feeder breaker for Startup Transformer 2ST. Tube cleaning and eddy current testing of most secondary heat exchangers. Repair tube leak in Main Feedwater Pump Auxiliary Condenser 2A. Repair manual Letdown Isolation valve 2-8085. Repair seat on Safety Injection system check valve 2-8956B. Replaced SI check valve 2-8819A.

SUMMARY Unit 2 began the month shutdown in MODE 3, refueling outage 2RF13 in progress. On 11/01/12 at 08:22, entered MODE 2. Reactor declared critical at 10:32 the same day. On 11/02/12 at 03:25, entered MODE 1. Unit 2 synchronized to the grid at 07:53 the same day and commenced power ascension activities for returning to full power operation. On 11/06/12 at 12:10, Unit 2 returned to 100% reactor, 1270 MWe turbine power. At 20:56 the same day, chemistry reported elevated sodium levels in the steam generators. At 20:57 operators entered Action Level 2 per station procedures and ramped the unit to ~49% reactor, 585 MWe. Operators then removed Auxiliary Condenser 2A from service for tube leakage repairs/plugging. On 11/10/12 at 1930, with Aux. Condenser tube leakage repairs completed, main Feedwater Pump 2A was placed back in service and the unit began power ascension to full power operation. On 11/11/12 at 15:44, Unit 2 returned to 100% reactor, 1265 MWe turbine power. On 11/17/12 at 10:20 operators initiated a manual turbine runback to 900 MWe per station procedures when the Condensate Low Pressure Bypass Valve opened on low suction pressure to the Main Feedwater Pumps. Heater Drain Pump discharge valve (2-LV-2592) had failed closed on loss of instrument air causing the low feed pump suction pressure. The Main Feed Pump 2A tripped at 10:21 causing reduced feed flow to the steam generators. Subsequently at 10:23, an automatic reactor trip occurred on lo-lo steam generator level. All systems responded as designed with no complications. Repairs to 2-LV-2592 were completed and valve operation restored at 18:08 the same day. On 11/17/12 at 23:16, Unit 2 entered MODE 2 and the reactor declared critical at 23:47. On 11/18/12 at 10:37 Unit 2 entered MODE 1, followed by sychronization to the grid at 12:44. Power ascension began at 12:45. On 11/19/12 at 03:39, Main Condenser waterbox 2A1/2A3 tube leakage repairs/plugging activiites began at about 50% power. Unit 2 acheived 99% reactor, 1233 MWe at 1212 and began holding to complete the Main Condenser tube leakage repairs. On 11/20/12 at 01:19, during activities to restore the MSR Separator Drain Tank to normal drain alignment an Heater Drain System pressure perturbation occurred which opened the Condensate Low Pressure Bypass Valve. Operators initiated a manual turbine runback to 900 MWe per station procedures to maintain stable conditions. At 04:05, the abnomal conditions were corrected and power ascension to 99% reactor power began. At 15:59, Unit 2 returned to 99% reactor power. On 11/21/12 at 16:30, Main Condenser tube leakage repairs wer completed and the restoration activities commenced. The MainCondenser waterbox 2A1/2A3 returned to service at 23:19. Unit 2 returned to full power, 100% reactor, 1269 MWe at 22:44. Unit 2 ended the month at 100% reactor, 1271 MWe turbine power.

DOCKET:	446		PREPAR	ER NAME:	G.D. Lytle
UNIT_NME: RPT_PERIOD:	Comanche Peak Unit 2 201212		PREPAR	ER TELEPHONE:	254-897-5455
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	1207 1195			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	744.00	8,076.80	156,086.21	
4. Number of Hou	rs Generator On-line	744.00	8,028.27	155,355.96	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	911,230.00	9,588,685.00	175,168,281.00)

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 began the month at 100% reactor, 1271 MWe turbine power. Unit 2 ended the month at 100% reactor, 1270 MWe turbine power.

DOCKET:	315		PREPAR	ER NAME:	K. Kohn
UNIT_NME: RPT_PERIOD:	Cook Unit 1 201210		PREPAR	ER TELEPHONE:	269-465-5901
– 1. Design Electric	al Rating: endable Capacity (MWe-Net)	1084 1030			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,319.00	235,334.78	
4. Number of Hou	rs Generator On-line	744.00	7,319.00	232,288.98	
5. Reserve Shutde	own Hours	0.00	0.00	321.00	
6. Net Electrical e	nergy Generated (MWHrs)	750,146.00	7,677,642.00	222,385,410.40	

UNIT SHUTDOWNS

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

SUMMARY Rx power reduction to 54% on 10/29/12 @ 0749 due to increased vibration and speed on the East Main Feed Pump.

DOCKET: UNIT_NME: RPT_PERIOD:	315 Cook Unit 1 201211			ER NAME: ER TELEPHONE:	K. Kohn 269-465-5901
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	1084 1030			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	721.00	8,040.00	236,055.78	
4. Number of Hou	rs Generator On-line	721.00	8,040.00	233,009.98	
5. Reserve Shutde	own Hours	0.00	0.00	321.00	
6. Net Electrical e	nergy Generated (MWHrs)	740,616.00	8,418,258.00	223,126,026.40)

UNIT SHUTDOWNS

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

SUMMARY Rx power reduction to 54% on 10/29/12 @ 0749 due to increased vibration and speed on the East Main Feed Pump. Power ascention completed on 11/4/12 @ 2115.

DOCKET: UNIT_NME: RPT_PERIOD:	315 Cook Unit 1 201212			ER NAME: ER TELEPHONE:	K. Kohn 269-465-5901
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	1084 1030			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	8,784.00	236,799.78	
4. Number of Hou	rs Generator On-line	744.00	8,784.00	233,753.98	
5. Reserve Shutde	own Hours	0.00	0.00	321.00	
6. Net Electrical e	nergy Generated (MWHrs)	806,370.00	9,224,628.00	223,932,396.40)
		LINIT S	HUTDOWNS		

UNIT SHUTDOWNS

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

SUMMARY Rx power reduction to 91% on 12/15/12 @ 0000 due to planned Main Turbine Control Valve testing.

DOCKET:	316		PREPAR	ER NAME:	K. Kohn
UNIT_NME: RPT_PERIOD:	Cook Unit 2 201210		PREPAR	ER TELEPHONE:	269-465-5901
1. Design Electric	U U	1107			
2. Maximum Depe	endable Capacity (MWe-Net)	1077			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	6,381.64	218,433.45	
4. Number of Hou	rs Generator On-line	744.00	6,353.90	214,094.02	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	824,352.00	6,896,726.00	217,569,610.60)

UNIT SHUTDOWNS

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

SUMMARY None

DOCKET: UNIT_NME: RPT_PERIOD:	316 Cook Unit 2 201211			ER NAME: ER TELEPHONE:	K. Kohn 269-465-5901
 Design Electric Maximum Deperation 	al Rating: endable Capacity (MWe-Net)	1107 1077			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	721.00	7,102.64	219,154.45	
4. Number of Hou	rs Generator On-line	721.00	7,074.90	214,815.02	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	768,040.00	7,664,766.00	218,337,650.60)

UNIT SHUTDOWNS

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

SUMMARY Rx power reduction to 96% on 11/21/12 @ 1615 due to a steam leak on an MSR heating coil shutoff valve. Rx power reduction to 19% on 11/28/12 @ 2100 due to an instrument line leak on a Steam Generator Level Protection transmitter.

DOCKET: UNIT NME:	316 Cook Unit 2			ER NAME: ER TELEPHONE:	K. Kohn 269-465-5901
RPT_PERIOD:	201212		FNEFAN	ER TELEFTIONE.	209-403-3901
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	1107 1077			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	744.00	7,846.64	219,898.45	
4. Number of Hou	rs Generator On-line	744.00	7,818.90	215,559.02	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	832,404.00	8,497,170.00	219,170,054.60)

UNIT SHUTDOWNS

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

SUMMARY Rx power reduction to 19% on 11/28/12 @ 2100 due to an instrument line leak on a Steam Generator Level Protection transmitter. Power ascension completed on 12/1/12 @ 2100.

DOCKET: UNIT_NME: RPT_PERIOD:	С	98 ooper Unit 1 01210				ER NAME: ER TELEPHONE:	Grant Reynolds 402-825-2726
1. Design Elec		0	815				
2. Maximum D	ependa	able Capacity (MWe-Net	768.88	3			
			т	nis Month	Yr-to-Date	Cumulative	
3. Number of I	Hours th	ne Reactor was Critical	30	08.40	6,883.40	270,337.27	
4. Number of I	Hours G	Generator On-line	30	08.40	6,883.40	267,031.73	
5. Reserve Sh	utdown	Hours	0.	00	0.00	0.00	
6. Net Electric	al energ	gy Generated (MWHrs)	22	21,146.00	5,266,481.00	187,325,555.40)
				UNIT SHU	ITDOWNS		
		Туре			Method	of	
		F: Forced	Duration		Shutti	ng Cau	se - Corrective Action
No. D	ate	S: Scheduled	(Hours)	Reason 1	Down	2	Comments

		St Scheduleu	(_ • · · · · _	
12-01	10/13/2012	S	435.60	С	1	None

SUMMARY No information for this reporting period.

DOCKET: 298 UNIT_NME: Cooper Unit 1 RPT_PERIOD: 201211			Rer Name: Rer Telephone:	Grant Reynolds 402-825-2726
 Design Electrical Rating: Maximum Dependable Capacity (M¹) 	815 We-Net) 768.88			
	This Month	Yr-to-Date	Cumulative	
3. Number of Hours the Reactor was 0	Critical 69.50	6,952.90	270,406.77	
4. Number of Hours Generator On-line	30.68	6,914.08	267,062.41	
5. Reserve Shutdown Hours	0.00	0.00	0.00	
6. Net Electrical energy Generated (M	WHrs) 11,227.00	5,277,708.00	187,336,782.40)
	UNITS	SHUTDOWNS		
Туре		Metho	d of	

No.	Date	F: Forced S: Scheduled	Duration (Hours)	Reason 1	Shutting Down 2	Cause - Corrective Action Comments
12-01	10/13/2012	S	689.32	С	4	None

SUMMARY No information for this reporting period.

DOCKET:	298		PREPAR	ER NAME:	Brian Shryock
UNIT_NME: RPT_PERIOD:	Cooper Unit 1 201212		PREPAR	ER TELEPHONE:	402-825-2984
1. Design Electric	al Rating:	815			
2. Maximum Depe	endable Capacity (MWe-Net)	768.88			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,696.90	271,150.77	
4. Number of Hou	rs Generator On-line	744.00	7,658.08	267,806.41	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	544,797.00	5,822,505.00	187,881,579.40)

UNIT SHUTDOWNS

		Туре			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: 30)2		PREPARE	R NAME:	Ron Major
—	rystal River Unit 3 01210		PREPARE	R TELEPHONE:	352-795-6486
1. Design Electrical R	ating:	860			
2. Maximum Dependa	able Capacity (MWe-Net)	860			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hours th	ne Reactor was Critical	0.00	0.00	213,268.74	
4. Number of Hours G	Generator On-line	0.00	0.00	210,606.48	
5. Reserve Shutdown	Hours	0.00	0.00	0.00	
6. Net Electrical energ	gy Generated (MWHrs)	0.00	0.00	167,517,655.48	

UNIT SHUTDOWNS

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

SUMMARY Continuation of unplanned outage extension.

DOCKET:	302		PREPA	RER NAME:	Ron Major
UNIT_NME: RPT_PERIOD:	Crystal River Unit 3 201211		PREPA	RER TELEPHONE:	352-795-6486
1. Design Electric	al Rating:	860			
2. Maximum Dep	endable Capacity (MWe-Net)	860			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	urs the Reactor was Critical	0.00	0.00	213,268.74	
4. Number of Hou	urs Generator On-line	0.00	0.00	210,606.48	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	0.00	0.00	167,517,655.48	

UNIT SHUTDOWNS

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

SUMMARY Continuation of unplanned outage extension.

DOCKET:	302		PREPA	RER NAME:	Ron Major
UNIT_NME: RPT_PERIOD:	Crystal River Unit 3 201212		PREPA	RER TELEPHONE:	(352) 795-6486
1. Design Electrica	al Rating:	860			
2. Maximum Depe	endable Capacity (MWe-Net)	860			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	0.00	0.00	213,268.74	
4. Number of Hou	rs Generator On-line	0.00	0.00	210,606.48	
5. Reserve Shutdo	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	0.00	0.00	167,517,655.48	

UNIT SHUTDOWNS

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

SUMMARY Continuation of unplanned outage extension.

DOCKET:	346		PREPAR	ER NAME:	J. Syrowski
UNIT_NME: RPT_PERIOD:	Davis-Besse Unit 1 201210		PREPAR	ER TELEPHONE:	419-249-2417
1. Design Electric	0	908			
2. Maximum Depe	endable Capacity (MWe-Net)	894			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	6,440.08	214,308.88	
4. Number of Hou	rs Generator On-line	744.00	6,403.55	211,023.75	
5. Reserve Shutde	own Hours	0.00	0.00	5,532.00	
6. Net Electrical e	nergy Generated (MWHrs)	678,296.40	5,801,988.20	177,987,603.50	

UNIT SHUTDOWNS

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

SUMMARY On October 3, October 4, and October 24, 2012, planned downpowers to approximately 99% power were conducted to support Reactor Trip Breaker Testing. The plant remained at approximately 100 percent power the remainder of the month.

DOCKET: UNIT_NME: RPT_PERIOD:	346 Davis-Besse Unit 1 201211			ER NAME: ER TELEPHONE:	J. Syrowski 419-249-2417
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	908 894			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	721.00	7,161.08	215,029.88	
4. Number of Hou	rs Generator On-line	721.00	7,124.55	211,744.75	
5. Reserve Shutde	own Hours	0.00	0.00	5,532.00	
6. Net Electrical e	nergy Generated (MWHrs)	621,933.30	6,423,921.50	178,609,536.80)
		UNIT S	HUTDOWNS		

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

SUMMARY On November 8, 2012, an unplanned downpower to approximately 99% power occurred due an automatic shift in Feedwater flow measurement instrumentation. On November 9, a planned downpower to approximately 50% power was conducted to repair a condenser tube leak. Upon completion of maintenance activities, full power operation was achieved on November 12. On November 15, a planned downpower to approximately 99% power was conducted to support replacement of a Reactor Trip Breaker along with Control Rod Drive System troubleshooting. On November 16, a planned downpower to approximately 99% power was conducted for Reactor Trip Breaker replacement and testing. On November 28, a planned downpower to approximately 99% power was conducted to support maintenance on the Integrated Control System. The plant remained at approximately 100% power the remainder of the month.

DOCKET:	346		PREPAR	ER NAME:	J. Syrowski
UNIT_NME: RPT_PERIOD:	Davis-Besse Unit 1 201212		PREPAR	ER TELEPHONE:	419-249-2417
1. Design Electric	al Rating:	908			
2. Maximum Depe	endable Capacity (MWe-Net)	894			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	744.00	7,905.08	215,773.88	
4. Number of Hou	rs Generator On-line	744.00	7,868.55	212,488.75	
5. Reserve Shutd	own Hours	0.00	0.00	5,532.00	
6. Net Electrical e	nergy Generated (MWHrs)	677,775.70	7,101,697.20	179,287,312.50	1
		UNIT SI	HUTDOWNS		

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

SUMMARY On December 5, and December 26, 2012, planned downpowers to approximately 99% power were conducted for Reactor Trip Breaker testing. On December 9, 2012, a planned downpower to approximately 95% power was conducted to support Control Rod Exercise Testing and Main Turbine Valve Testing. On December 14, 2012, due to issues encountered during the December 9 testing, a planned downpower to approximately 97% power was conducted to support Main Turbine Stop Valve Testing. On December 19, 2012, a planned downpower to approximately 99% power was conducted to support maintenance on the Integrated Control System. The plant remained at approximately 100% power the remainder of the month.

DOCKET:	275		PREPAR	ER NAME:	Mark Padovan
UNIT_NME: RPT_PERIOD:	Diablo Canyon Unit 1 201210		PREPAR	ER TELEPHONE:	(805) 545-4540
1. Design Electric	al Rating:	1138			
2. Maximum Depe	endable Capacity (MWe-Net)	1122			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	744.00	6,028.35	213,302.60	
4. Number of Hou	irs Generator On-line	744.00	5,986.22	211,327.77	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	847,547.00	6,745,344.00	224,608,606.00	1

UNIT SHUTDOWNS

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

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

DOCKET:	275		PREPAR	ER NAME:	M. Padovan
UNIT_NME: RPT_PERIOD:	Diablo Canyon Unit 1 201211		PREPAR	ER TELEPHONE:	805-545-4540
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	1138 1122			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	721.00	6,749.35	214,023.60	
4. Number of Hou	rs Generator On-line	721.00	6,707.22	212,048.77	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	819,112.00	7,564,456.00	225,427,718.00	

UNIT SHUTDOWNS

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

SUMMARY Diablo Canyon Power Plant Unit 1 operated at approximately 100 percent power during the month of November 2012.

DOCKET:	275		PREPAR	ER NAME:	P. Soenen
UNIT_NME: RPT_PERIOD:	Diablo Canyon Unit 1 201212		PREPAR	ER TELEPHONE:	805-545-6984
– 1. Design Electric	al Rating: endable Capacity (MWe-Net)	1138 1122			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	744.00	7,493.35	214,767.60	
4. Number of Hou	irs Generator On-line	744.00	7,451.22	212,792.77	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	731,209.00	8,295,665.00	226,158,927.00	

UNIT SHUTDOWNS

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

SUMMARY Diablo Canyon Power Plant Unit 1 operated at approximately 100% power during December 2012 with the following exceptions:

On 12/1/2012, Unit 1 was ramped to approximately 50% power to address biofouling in the condenser concurrent with predicted moderate ocean swells.
 On 12/17/2012, Unit 1 was ramped to approximately 54% power for planned circulating water tunnel cleaning.

DOCKET:	323		PREPAR	ER NAME:	Mark Padovan
UNIT_NME: RPT_PERIOD:	Diablo Canyon Unit 2 201210		PREPAR	ER TELEPHONE:	(805) 545-4540
KFI_FERIOD.	201210				
1. Design Electric	al Rating:	1151			
2. Maximum Depe	endable Capacity (MWe-Net)	1118			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	649.45	7,171.23	209,594.73	
4. Number of Hou	rs Generator On-line	637.77	7,145.39	207,750.14	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	688,239.00	7,916,148.00	222,176,667.00	

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
2	10/11/2012	F	106.23	Α	3	On October 11th, an aparent electrical arc near the plant transformers resulted in an automatic shutdown. Preliminary investigation suggests that the electrical disturbance was caused by recent rain in the area coming into contact with material that may have built up on a bushing that connects to the Capacitive Coupled Voltage Transformer, which is used to transmit generation data to the Independent System Operator (ISO). These conditions may have caused the flashover event, providing a path to ground and Unit Trip signal. A formal Root Cause is in session to determine appropriate corrective actions. See also NRC Event number 48400 filed on 10/11/12. An LER (number 2-2012-002) will be submitted in December.

SUMMARY Diablo Canyon Unit 2 began the month of October in Mode 1 (Power Operation) at approximately 100 percent reactor power. On October 11th, an aparent electrical arc near the plant transformers resulted in an automatic shutdown. Preliminary investigation suggests that the electrical disturbance was caused by recent rain in the area coming into contact with material that may have built up on a bushing that connects to the Capacitive Coupled Voltage Transformer, which is used to transmit generation data to the Independent System Operator (ISO). These conditions may have caused the flashover event, providing a path to ground and Unit Trip signal. On October 17, 2012, the unit returned to approximately 100 percent reactor power.

DOCKET:	323		PREPAR	ER NAME:	M. Padovan
UNIT_NME: RPT_PERIOD:	Diablo Canyon Unit 2 201211		PREPAR	ER TELEPHONE:	805-545-4570
1. Design Electric	al Rating:	1151			
2. Maximum Depe	endable Capacity (MWe-Net)	1118			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	721.00	7,892.23	210,315.73	
4. Number of Hou	irs Generator On-line	721.00	7,866.39	208,471.14	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	745,284.00	8,661,432.00	222,921,951.00	1

UNIT SHUTDOWNS

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

SUMMARY Diablo Canyon Power Plant Unit 2 operated at approximately 100 percent power for the month of November 2012, with exception of planned circulating water tunnel cleaning during November 12 to November 16.

DOCKET:	323		PREPAR	ER NAME:	P. Soenen
UNIT_NME: RPT_PERIOD:	Diablo Canyon Unit 2 201212		PREPAR	ER TELEPHONE:	805-545-6984
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	1151 1118			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	8,636.23	211,059.73	
4. Number of Hou	rs Generator On-line	744.00	8,610.39	209,215.14	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	813,330.00	9,474,762.00	223,735,281.00)

UNIT SHUTDOWNS

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

SUMMARY Diablo Canyon Unit 2 operated at approximately 100% power for the month of December 2012 with the exception of a down power to approximately 15% power to replace fuses on the main generator exciter on December 13.

DOCKET:	237		PREPAR	ER NAME:	Dave Kijowski
UNIT_NME: RPT_PERIOD:	Dresden Unit 2 201210		PREPAR	ER TELEPHONE:	815-416-4227
– 1. Design Electric		867 850			
	, ,	This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,192.95	297,213.74	
4. Number of Hou	rs Generator On-line	744.00	7,169.72	288,038.59	
5. Reserve Shutde	own Hours	0.00	0.00	4.00	
6. Net Electrical e	nergy Generated (MWHrs)	684,113.00	6,545,644.00	207,284,616.00)
		UNIT S	HUTDOWNS		

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

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

DOCKET:	237		PREPAR	ER NAME:	Dave Kijowski
UNIT_NME: RPT_PERIOD:	Dresden Unit 2 201211		PREPAR	ER TELEPHONE:	815-416-4227
1. Design Electric		867			
0	endable Capacity (MWe-Net)	850			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	721.00	7,913.95	297,934.74	
4. Number of Hou	irs Generator On-line	721.00	7,890.72	288,759.59	
5. Reserve Shutd	own Hours	0.00	0.00	4.00	
6. Net Electrical e	energy Generated (MWHrs)	674,181.00	7,219,825.00	207,958,797.00	1
		UNIT S	HUTDOWNS		

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

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

DOCKET:	237		PREPAR	ER NAME:	Dave Kijowski
UNIT_NME: RPT_PERIOD:	Dresden Unit 2 201212		PREPAR	ER TELEPHONE:	815-416-4227
KFI_FLRIOD.	201212				
 Design Electric 	al Rating:	867			
2. Maximum Depe	endable Capacity (MWe-Net)	850			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	744.00	8,657.95	298,678.74	
4. Number of Hou	irs Generator On-line	744.00	8,634.72	289,503.59	
5. Reserve Shutd	own Hours	0.00	0.00	4.00	
6. Net Electrical e	energy Generated (MWHrs)	692,952.00	7,912,777.00	208,651,749.00	
		_			

UNIT SHUTDOWNS

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

SUMMARY On December 10, at approximately 0300 hours, load was reduced to approximately 99% electrical for planned maintenance in the 2C Circ Water Pump Bay. The unit returned to full power operation on December 13, at approximately 0200 hours.

On December 15, at approximately 2100 hours, load was reduced to approximately 63% electrical for a planned control rod pattern adjustment. On December 16, at approximately 1700 hours, the unit returned to full power operation.

On December 19, at approximately 1930 hours, load was reduced to approximately 99% electrical to support planned maintenance on the 'E' Lift Station Pump, which required two Circ Water Pump operation. On December 20, at approximately 0500 hours, the unit returned to full power operation.

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		PREPAR	ER NAME:	Dave Kijowski
UNIT_NME: RPT_PERIOD:	Dresden Unit 3 201210		PREPAR	ER TELEPHONE:	815-416-4227
1. Design Electric	al Rating:	867			
2. Maximum Depe	endable Capacity (MWe-Net)	850			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,319.00	285,298.11	
4. Number of Hou	rs Generator On-line	744.00	7,319.00	276,841.45	
5. Reserve Shutde	own Hours	0.00	0.00	1.00	
6. Net Electrical e	nergy Generated (MWHrs)	577,847.00	6,144,173.00	199,353,913.00)

UNIT SHUTDOWNS

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

SUMMARY Entering the month of October, Unit 3 power was steadily declining due to core coastdown. With the exception of short periods for routine maintenance and surveillances, Unit 3 remained in core coastdown for the remainder of the reporting period.

DOCKET:	249		PREPAR	RER NAME:	Dave Kijowski
UNIT_NME: RPT_PERIOD:	Dresden Unit 3 201211		PREPAR	RER TELEPHONE:	815-416-4227
1. Design Electric	0	867			
2. Maximum Dep	endable Capacity (MWe-Net)	850	No to Data	0	
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	269.47	7,588.47	285,567.58	
4. Number of Hou	irs Generator On-line	265.03	7,584.03	277,106.48	
5. Reserve Shutd	own Hours	0.00	0.00	1.00	
6. Net Electrical e	energy Generated (MWHrs)	189,272.00	6,333,445.00	199,543,185.00)

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
D3R22	11/12/2012	S	455.97	С	1	Refueling outage D3R22.

SUMMARY Entering the month of November, Unit 3 power was steadily declining due to core coastdown.

On November 12, at approximately 00:00 hours, Unit 3 was shutdown for planned refueling outage D3R22. Unit 3 remained in the outage through the end of the month, as planned.

DOCKET:	249		PREPAR	ER NAME:	Dave Kijowski
UNIT_NME: RPT_PERIOD:	Dresden Unit 3 201212		PREPAR	ER TELEPHONE:	815-416-4227
1. Design Electric	al Rating:	867			
2. Maximum Depe	endable Capacity (MWe-Net)	850			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	670.47	8,258.94	286,238.05	
4. Number of Hou	rs Generator On-line	634.67	8,218.70	277,741.15	
5. Reserve Shutde	own Hours	0.00	0.00	1.00	
6. Net Electrical e	nergy Generated (MWHrs)	559,288.00	6,892,733.00	200,102,473.00)

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
D3R22	11/12/2012	S	109.33	С	4	Refueling outage D3R22.

SUMMARY Entering December, Unit 3 was shutdown for planned refueling outage D3R22.

On December 5, at approximately 1300 hours, Unit 3 was synchronized to the grid after planned refueling outage D3R22 and began power ascension. On December 10, at approximately 0200 hours, Unit 3 returned to full power operation.

On December 17, at approximately 0400 hours, load was reduced to approximately 99% electrical to support planned maintenance on the 'E' Lift Station Pump, which required 2 Circ Water Pump operation.

On December 22, at approximately 2100 hours, load was reduced to approximately 84% electrical for a planned control rod pattern adjustment. On December 23, at approximately 0100 hours, Unit 3 returned to 99% power operation.

The unit operated at 99% electrical for the remainder of the reporting period.

DOCKET:	331		PREPAR	ER NAME:	Richard R. Peterson
UNIT_NME: RPT_PERIOD:	Duane Arnold Unit 1 201210		PREPAR	ER TELEPHONE:	319-851-7352
1. Design Electrica	al Rating:	621.9			
2. Maximum Depe	ndable Capacity (MWe-Net)	601.6			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hour	rs the Reactor was Critical	121.38	6,696.38	274,368.23	
4. Number of Hour	rs Generator On-line	120.30	6,695.30	269,483.75	
5. Reserve Shutdo	own Hours	0.00	0.00	192.80	
6. Net Electrical er	nergy Generated (MWHrs)	57,035.68	3,980,131.46	134,650,933.92	2

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
12-01	10/6/2012	S	623.70	C	1	Shutdown occurred 17 minutes after original scheduled time of 10/6/2012 00:01. An outage extension occurred due to a Secondary Containment damper issue (see CR01826460 and CR01834595).

SUMMARY During October 2012, the DAEC was in a downpower to avoid Turbine Control Valve 4 oscillations until entering RFO23 for the remainder of the month.

DOCKET:	331		PREPAR	RER NAME:	Richard R. Peterson
UNIT_NME: RPT_PERIOD:	Duane Arnold Unit 1 201211		PREPAR	RER TELEPHONE:	319-851-7352
1. Design Electric	U	621.9			
2. Maximum Depe	endable Capacity (MWe-Net)	601.6			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	135.55	6,831.93	274,503.78	
4. Number of Hou	irs Generator On-line	98.48	6,793.78	269,582.23	
5. Reserve Shutd	own Hours	0.00	0.00	192.80	
6. Net Electrical e	nergy Generated (MWHrs)	29,454.01	4,009,585.47	134,680,387.93	

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
12-02	11/27/2012	S	1.68	В	5	Turbine overspeed testing during startup for Fuel Cycle 24.
12-01	10/6/2012	S	619.83	С	4	Shutdown occurred 17 minutes after original scheduled time of 10/6/2012 00:01. An outage extension occurred due to a Secondary Containment damper issue (see CR01826460 and CR01834595).

SUMMARY During November 2012, the DAEC continued RFO23 which was then extended for a Secondary Containment damper issue. The unit was synched to the grid, and then briefly shut down for main turbine overspeed testing. Following another synch to the grid, power ascension was held at 74% power to troubleshoot a Main Generator ground.

DOCKET:	331		PREPAR	ER NAME:	Richard R. Peterson
UNIT_NME: RPT_PERIOD:	Duane Arnold Unit 1 201212		PREPAR	RER TELEPHONE:	319-851-7352
-					
 Design Electric 	al Rating:	621.9			
2. Maximum Depe	endable Capacity (MWe-Net)	601.6			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	621.33	7,453.26	275,125.11	
4. Number of Hou	irs Generator On-line	598.17	7,391.95	270,180.40	
5. Reserve Shutd	own Hours	0.00	0.00	192.80	
6. Net Electrical e	energy Generated (MWHrs)	337,410.25	4,346,995.72	135,017,798.18	3

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
12-03	12/1/2012	F	145.83	A	1	Shutdown in response to Main Generator field ground indication (see CR01828253). Cleaning and vacuuming of the field was performed.

SUMMARY During December 2012, the DAEC remained downpowered to troubleshoot the Main Generator ground, addressed the ground during a forced outage, and performed load line adjustments.

DOCKET:	348		PREPAR	ER NAME:	Khris Miller
UNIT_NME: RPT_PERIOD:	Farley Unit 1 201210		PREPAR	ER TELEPHONE:	334-814-4549
1. Design Electric	al Rating:	854			
2. Maximum Depe	endable Capacity (MWe-Net)	874			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	6,584.30	260,391.71	
4. Number of Hou	rs Generator On-line	744.00	6,503.00	257,673.70	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	653,609.00	5,622,294.00	208,910,181.00	

UNIT SHUTDOWNS

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

SUMMARY At 11:59 on Oct 25, Unit 1 began derating to approximately 29% due to a DEH Inverter issue. At 19:08 on Oct 25, the unit began ramping to 100% power. The unit returned to 100% power at 04:59 on Oct, 26.

DOCKET: UNIT_NME: RPT_PERIOD:	348 Farley Unit 1 201211			RER NAME: RER TELEPHONE:	Khris Miller 334-814-4549
 Design Electric 		854 874			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	721.00	7,305.30	261,112.71	
4. Number of Hou	rs Generator On-line	721.00	7,224.00	258,394.70	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	643,351.00	6,265,645.00	209,553,532.00	

UNIT SHUTDOWNS

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

DOCKET: UNIT_NME: RPT_PERIOD:	348 Farley Unit 1 201212			ER NAME: ER TELEPHONE:	Khris Miller 334-814-4549
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	854 874			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	744.00	8,049.30	261,856.71	
4. Number of Hou	rs Generator On-line	744.00	7,968.00	259,138.70	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	663,774.00	6,929,419.00	210,217,306.00)

UNIT SHUTDOWNS

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

 $\label{eq:summary} SUMMARY \quad \mbox{There were no significant power reductions this period}.$

DOCKET: UNIT_NME: RPT_PERIOD:	364 Farley Unit 2 201210			ER NAME: ER TELEPHONE:	Khris Miller 334-814-4549
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	855 883			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	744.00	7,319.00	243,539.77	
4. Number of Hou	rs Generator On-line	744.00	7,319.00	241,070.31	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	666,203.00	6,521,216.00	197,517,101.00	1

UNIT SHUTDOWNS

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

DOCKET:	364		PREPAR	ER NAME:	Khris Miller
UNIT_NME: RPT_PERIOD:	Farley Unit 2 201211		PREPAR	ER TELEPHONE:	334-814-4549
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	855 883			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	721.00	8,040.00	244,260.77	
4. Number of Hou	rs Generator On-line	721.00	8,040.00	241,791.31	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	641,877.00	7,163,093.00	198,158,978.00)

UNIT SHUTDOWNS

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

DOCKET: UNIT_NME: RPT_PERIOD:	364 Farley Unit 2 201212			ER NAME: ER TELEPHONE:	Khris Miller 334-814-4549
 Design Electric Maximum Deperation 	al Rating: endable Capacity (MWe-Net)	855 883			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	8,784.00	245,004.77	
4. Number of Hou	rs Generator On-line	744.00	8,784.00	242,535.31	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	670,475.00	7,833,568.00	198,829,453.00)

UNIT SHUTDOWNS

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

DOCKET: UNIT_NME: RPT_PERIOD:	341 Fermi Unit 2 201210			ER NAME: ER TELEPHONE:	E. Sorg 734-586-4294
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	1150 1037.3			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	744.00	5,555.68	175,884.18	
4. Number of Hou	irs Generator On-line	744.00	5,410.06	171,056.72	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	538,503.00	5,070,175.00	176,446,312.92	2

UNIT SHUTDOWNS

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

SUMMARY The unit operated at 68% reactor power the entire month with the exception of minor power changes for testing and rod pattern adjustments.

DOCKET:	341		PREPAR	ER NAME:	E. Sorg
UNIT_NME: RPT_PERIOD:	Fermi Unit 2 201211		PREPAR	ER TELEPHONE:	734-586-4294
RFI_FERIOD.	201211				
1. Design Electric	al Rating:	1150			
2. Maximum Dep	endable Capacity (MWe-Net)	1037.3			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	urs the Reactor was Critical	154.35	5,710.03	176,038.53	
4. Number of Hou	urs Generator On-line	154.35	5,564.41	171,211.07	
5. Reserve Shutd	lown Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	106,288.00	5,176,463.00	176,552,600.92	
		UNIT S	HUTDOWNS		

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
FO 12-04	11/7/2012	F	566.65	A	2	Unit shutdown to repair generator Stator Water Cooling leak.

SUMMARY The unit operated at 68% reactor power until 11/7/2012 at 0921 when increasing stator water cooling inleakage forced the unit offline. The plant was shutdown the remainder of the month.

DOCKET:	341		PREPAR	ER NAME:	E. Sorg
UNIT_NME: RPT_PERIOD:	Fermi Unit 2 201212		PREPAR	ER TELEPHONE:	734-586-4294
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	1150 1037.3			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	20.22	5,730.25	176,058.75	
4. Number of Hou	rs Generator On-line	0.00	5,564.41	171,211.07	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	0.00	5,176,463.00	176,552,600.92	

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
FO 12-04	11/7/2012	F	744.00	A	4	Unit shutdown to repair generator Stator Water Cooling leak.

SUMMARY The plant was shutdown the majority of the month. The reactor was taken critical on 12/31/2012 at 0347. The generator was not synched to the grid during the month.

DOCKET:	333		PREPAR	ER NAME:	Joe clark
UNIT_NME: RPT_PERIOD:	FitzPatrick Unit 1 201210		PREPAR	ER TELEPHONE:	315-349-6218
– 1. Design Electric	al Rating: endable Capacity (MWe-Net)	816 813			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	urs the Reactor was Critical	345.67	6,572.89	263,225.26	
4. Number of Hou	urs Generator On-line	288.73	6,508.73	257,434.06	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	217,947.00	5,238,193.00	198,026,560.00	

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
R20	9/16/2012	S	455.27	С	4	JAF took the Generator Offline for refueling outage on 9/16/12 at 5:00. JAF synchronized the Generator to the grid on 10/19/12 at 23:16.

SUMMARY JAF was in Refueling Outage 20 to begin October 2012. The reactor was critical on 10/17/12 at 14:20. JAF put the Main Generator online on 10/19/12 at 23:16. JAF had a downpower on 10/23/12 from 7:17 until 19:13 to 64.1% CTP for Control Rod Pattern Adjustment. There were no other downpowers in October 2012 that were greater than 15% CTP.

DOCKET: 333		PREPAR	ER NAME:	Joe Clark
UNIT_NME: FitzPatrick Unit 1 RPT_PERIOD: 201211		PREPAR	ER TELEPHONE:	315-349-6218
1. Design Electrical Rating:	816			
2. Maximum Dependable Capacity (MWe-Net)	813			
	This Month	Yr-to-Date	Cumulative	
3. Number of Hours the Reactor was Critical	343.25	6,916.14	263,568.51	
4. Number of Hours Generator On-line	284.28	6,793.01	257,718.34	
5. Reserve Shutdown Hours	0.00	0.00	0.00	
6. Net Electrical energy Generated (MWHrs)	214,442.00	5,452,635.00	198,241,002.00	

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
F2102	11/11/2012	F	353.32	A	3	JAF had an automatic SCRAM on 11/11/2012 at 3:56 due to a Main Transformer failure. The JAF Main Generator was synchronized to the grid on 11/25/12 21:15
F2101	11/4/2012	F	83.40	A	3	JAF had a Reactor SCRAM due to an EHC failure on 11/4/12 21:53. The JAF Main Generator was synchronized to the grid on 11/8/12 at 9:17.

SUMMARY JAF had a forced outage that started due to an automatic SCRAM on 11/4/12 at 21:53. The reactor was critical again on 11/7/12 at 3:56. The JAF Main Generator was synchronized to the grid on 11/8/12 at 9:17. JAF had a downpower from 11/9/12 5:47 until 11/10/12 14:49 to 49.1% CTP for Main Condenser Tube Plugging. JAF had another forced outage that started due to an automatic SCRAM on 11/11/12 at 3:56. The reactor was critical again on 11/24/12 15:38. The JAF Main Generator was synchronized to the grid on 11/24/12 15:38. The JAF Main Generator was synchronized to the grid on 11/25/12 at 21:15. JAF had a downpower on 11/27/12 from 12:30 to 20:55 to 66.7 %RTP for Control Rod Pattern Adjustment. There were no other downpowers for JAF in November 2012 greater than 15% CTP.

DOCKET:	333		PREPAR	RER NAME:	Joe Clark
UNIT_NME: RPT_PERIOD:	FitzPatrick Unit 1 201212		PREPAR	RER TELEPHONE:	315-349-6218
1. Design Electric	al Rating:	816			
2. Maximum Depe	endable Capacity (MWe-Net)	813			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,660.14	264,312.51	
4. Number of Hou	rs Generator On-line	744.00	7,537.01	258,462.34	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	617,829.00	6,070,464.00	198,858,831.00	

UNIT SHUTDOWNS

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

SUMMARY JAF had a downpower from 12/2/12 21:07 to 12/3/12 10:38 to 74.1% CTP for Main Condenser Defishing. JAF had a downpower from 12/17/12 19:56 to 12/18/12 11:54 to 74.0% CTP for Main Condenser Defishing. JAF had a downpower from 12/20/12 23:00 to 12/22/12 5:48 to 46.6% CTP for Main Condenser Tube Plugging. There were no other downpowers greater than 15% CTP for December 2012.

DOCKET:	285		PREPA	RER NAME:	Jake Walker
UNIT_NME: RPT_PERIOD:	Fort Calhoun Unit 1 201210		PREPA	RER TELEPHONE:	402-533-6693
1. Design Electric	al Rating:	502			
2. Maximum Depe	endable Capacity (MWe-Net)	482			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	0.00	0.00	270,885.19	
4. Number of Hou	irs Generator On-line	0.00	0.00	269,363.34	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	0.00	0.00	119,655,821.80)

UNIT SHUTDOWNS

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

SUMMARY FCS remained shutdown through October 2012. Flood recovery and IMC 0350 activities are on-going. The plant will remain shutdown until flood recovery and NRC Inspection Manual Chapter 0350 activities are complete. Due to being placed in NRC Inspection Manual Chapter 0350, all hours spent shutdown are considered Unplanned Energy Loss - Outage Extension until Chapter 0350 activities are complete.

DOCKET: 285			PREPA	RER NAME:	Jake Walker
UNIT_NME: RPT_PERIOD:	Fort Calhoun Unit 1 201211		PREPA	RER TELEPHONE:	402-533-6693
1. Design Electric	0	502			
2. Maximum Depe	endable Capacity (MWe-Net)	482			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	0.00	0.00	270,885.19	
4. Number of Hou	irs Generator On-line	0.00	0.00	269,363.34	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	0.00	0.00	119,655,821.80)
		0.000	0100	,	

UNIT SHUTDOWNS

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

SUMMARY FCS remained shutdown through November 2012. Flood recovery and IMC 0350 activities are on-going. The plant will remain shutdown until flood recovery and NRC Inspection Manual Chapter 0350 activities are complete. Due to being placed in NRC Inspection Manual Chapter 0350, all hours spent shutdown are considered Unplanned Energy Loss - Outage Extension unti Chapter 0350 activities are complete.

DOCKET: 285			PREPA	Jake Walker	
UNIT_NME: RPT_PERIOD:	Fort Calhoun Unit 1 201212		PREPA	RER TELEPHONE:	402-533-6693
 Design Electric Maximum Dep 	al Rating: endable Capacity (MWe-Net)	502 482			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	urs the Reactor was Critical	0.00	0.00	270,885.19	
4. Number of Hou	urs Generator On-line	0.00	0.00	269,363.34	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	0.00	0.00	119,655,821.80	
 Number of Hou Reserve Shutd 	urs Generator On-line Iown Hours	0.00 0.00 0.00	0.00 0.00 0.00	270,885.19 269,363.34 0.00	

UNIT SHUTDOWNS

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

SUMMARY FCS remained shutdown through December 2012. Flood recovery and IMC 0350 activities are on-going. The plant will remain shutdown until flood recovery and NRC Inspection Manual Chapter 0350 activities are complete. Due to being placed in NRC Inspection Manual Chapter 0350, all hours spent shutdown are considered Unplanned Energy Loss - Outage Extension unti Chapter 0350 activities are complete.

DOCKET:	244		PREPAR	RER NAME:	John V. Walden
UNIT_NME: RPT_PERIOD:	Ginna Unit 1 201210		PREPAR	RER TELEPHONE:	585-771-3588
RFI_FERIOD.	201210				
1. Design Electric	al Rating:	585			
2. Maximum Depe	endable Capacity (MWe-Net)	560			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	500.20	7,075.20	320,721.52	
4. Number of Hou	irs Generator On-line	500.22	7,075.22	317,310.21	
5. Reserve Shutd	own Hours	0.00	0.00	8.50	
6. Net Electrical e	energy Generated (MWHrs)	285,705.91	4,054,677.44	151,260,521.37	,
		UNIT S	HUTDOWNS		

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
1	10/21/2012	S	243.78	С	1	Shutdown to load fuel cycle 37.

SUMMARY The unit operated at full power from the beginning of the month to October 19, 2012 at 1200 when end of fuel cycle coast down began. Shutdown of the unit for refueling began on 10/21/12 at 1631 and was taken sub-critical at 2012 on the same day. The generator output breakers were opened one minute later at 2013. The unit remained in refueling outage for the remainder of the month.

	PREPARER NAME:		John V. Walden
	PREPAR	RER TELEPHONE:	585-771-3588
585 560			
This Month	Yr-to-Date	Cumulative	
274.70	7,349.90	320,996.22	
236.40	7,311.62	317,546.61	
0.00	0.00	8.50	
116,229.92	4,170,907.36	151,376,751.29)
	560 This Month 274.70 236.40 0.00	585 560 This Month Yr-to-Date 274.70 7,349.90 236.40 7,311.62 0.00 0.00	This Month Yr-to-Date Cumulative 274.70 7,349.90 320,996.22 236.40 7,311.62 317,546.61 0.00 0.00 8.50

UNIT SHUTDOWNS

		Туре			Method of	
		F: Forced	Duration		Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments
1	10/21/2012	S	483.60	С	4	Shutdown to load fuel cycle 37.

SUMMARY The unit was in refueling shutdown from the beginning of the month until 11/18/12 at 0543 when the reactor was made critical. The reactor was made subcritical on 11/19/12 at 0520 while repairs to the secondary system were completed. The reactor was returned to critical on 11/20/12 at 1255. The generator was placed on-line on 11/21/12 at 0336. Full power was achieved on 11/25/12 at 0400. An unplanned power reduction was initiated on 11/26/12 at 0824 to approximately 46% to secure 'B' main feedwater pump and terminate an oil system leak. Ramp up to full power was started on 11/26/12 at 1613 following repairs. Full power operations resumed on 11/27/12 at 1448 and continued through the end of the month.

DOCKET: UNIT_NME: RPT_PERIOD:	244 Ginna Unit 1 201212			ER NAME: ER TELEPHONE:	John V. Walden 585-771-3588
 Design Electrica Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	585 560			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	8,093.90	321,740.22	
4. Number of Hou	rs Generator On-line	744.00	8,055.62	318,290.61	
5. Reserve Shutdo	own Hours	0.00	0.00	8.50	
6. Net Electrical e	nergy Generated (MWHrs)	430,811.14	4,601,718.50	151,807,562.43	
		UNIT S	HUTDOWNS		

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

SUMMARY The unit operated at full power from the start of the month until 12/11/12 at 1211 when a power reduction began for repairs to turbine governor valve #1. Power was reduced to approximately 74% on 12/11/12 at 1404 while repairs to the governor valve were performed. Ramp up to full power began on 12/11/12 at 2300 following completion of repairs. The unit operated at full power from 12/12/12 at 0252 through the end of the month. Average power for the month of December was 99.5%.

DOCKET:	416		PREPAR	RER NAME:	Andrew Fox
UNIT_NME: RPT_PERIOD:	Grand Gulf Unit 1 201210		PREPAR	RER TELEPHONE:	601 437-6204
1. Design Electric	al Rating:	1279			
2. Maximum Depe	endable Capacity (MWe-Net)	1266			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	4,668.59	215,916.44	
4. Number of Hou	rs Generator On-line	744.00	4,500.30	211,426.91	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	1,077,666.00	5,665,339.00	249,811,177.00	

UNIT SHUTDOWNS

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

SUMMARY The plant continues to operate at EPU power. However a performance test has not been performed and a new Reference Unit Power (RUP) has not been determined. Losses during the month were corrected to the RUP using a ratio of the previous license power (3898) to the current license power (4408).

Planned losses: CRD monthly (215 MWe-hrs actual, 10/21/2012 0958 to 1213)

DOCKET:	416		PREPAR	ER NAME:	Andrew Fox
UNIT_NME: RPT_PERIOD:	Grand Gulf Unit 1 201211		PREPAR	ER TELEPHONE:	601-437-6204
1. Design Electric	al Rating:	1279			
2. Maximum Depe	endable Capacity (MWe-Net)	1266			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	721.00	5,389.59	216,637.44	
4. Number of Hou	rs Generator On-line	721.00	5,221.30	212,147.91	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	996,207.00	6,661,546.00	250,807,384.00)
			HUTDOWNS		

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

SUMMARY The plant continues to operate at EPU power. However a performance test has not been performed and a new Reference Unit Power (RUP) has not been determined. Losses during the month were corrected to the RUP using a ratio of the previous license power (3898) to the current license power (4408).

DOCKET: 416		PREPAR	ER NAME:	Andrew Fox
UNIT_NME: Grand Gulf Unit 1 RPT_PERIOD: 201212		PREPAR	ER TELEPHONE:	601 437-6204
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	567.97	5,957.56	217,205.41	
4. Number of Hours Generator On-line	519.98	5,741.28	212,667.89	
5. Reserve Shutdown Hours	0.00	0.00	0.00	
6. Net Electrical energy Generated (MWHrs)	674,892.00	7,336,438.00	251,482,276.00	

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
126	12/8/2012	S	152.32	В	1	Planned Shutdown to repair high pressure turbine seals, repair the moisture separator drain tank dump valve and replace electric hydraulic control fluid.
127	12/29/2012	F	71.70	A	3	Actutation of RPS (reactor protection system) with reactor critical. The cause of the scram appears to be a generator/turbine trip.

SUMMARY

DOCKET:	400		PREPAR	ER NAME:	Patrick Louka
UNIT_NME: RPT_PERIOD:	Harris Unit 1 201210		PREPAR	ER TELEPHONE:	919-362-2557
1. Design Electric	0	941.7			
2. Maximum Depe	endable Capacity (MWe-Net)	900			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	744.00	6,207.94	198,031.89	
4. Number of Hou	irs Generator On-line	744.00	6,147.23	196,638.25	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	711,705.00	5,714,626.00	171,302,594.00	

UNIT SHUTDOWNS

		Туре			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 in October 2012.

DOCKET:	400		PREPAR	ER NAME:	Patrick Louka
UNIT_NME: RPT_PERIOD:	Harris Unit 1 201211		PREPAR	ER TELEPHONE:	9193622557
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	941.7 900			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	721.00	6,928.94	198,752.89	
4. Number of Hou	rs Generator On-line	721.00	6,868.23	197,359.25	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	692,329.00	6,406,955.00	171,994,923.00)

UNIT SHUTDOWNS

		Туре			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 in November 2012.

DOCKET:	400		PREPAR	ER NAME:	Patrick Louka
UNIT_NME: RPT_PERIOD:	Harris Unit 1 201212		PREPAR	ER TELEPHONE:	919-362-2557
1. Design Electric	0	941.7			
2. Maximum Depe	endable Capacity (MWe-Net)	900			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	744.00	7,672.94	199,496.89	
4. Number of Hou	irs Generator On-line	744.00	7,612.23	198,103.25	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	714,985.00	7,121,940.00	172,709,908.00	

UNIT SHUTDOWNS

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

SUMMARY There were no unit shudowns in December 2012

DOCKET: UNIT_NME: RPT_PERIOD:	321 Hatch Unit 1 201210			RER NAME: RER TELEPHONE:	Ben Mosley 912-537-5872
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	885 876			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	6,478.30	270,607.62	
4. Number of Hou	rs Generator On-line	744.00	6,412.03	263,829.62	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	652,215.00	5,493,542.00	202,640,526.00)
		UNIT S	HUTDOWNS		

Туре	Method of		
	CI 44*	0	-

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

SUMMARY Power was reduced to 65% for control rod sequence exchange, scram time testing, quarterly turbine testing and maintenance activities on 10/06/2012. Upon completion of these activities, power was increased to rated thermal power on 10/09/2012.

DOCKET:	321		PREPAR	RER NAME:	Ben Mosley
UNIT_NME: RPT_PERIOD:	Hatch Unit 1 201211		PREPAR	ER TELEPHONE:	912-537-5872
 Design Electric 		885 876			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	721.00	7,199.30	271,328.62	
4. Number of Hou	rs Generator On-line	721.00	7,133.03	264,550.62	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	644,293.00	6,137,835.00	203,284,819.00	1

UNIT SHUTDOWNS

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

DOCKET:	321		PREPAR	RER NAME:	Ben Mosley
UNIT_NME: RPT_PERIOD:	Hatch Unit 1 201212		PREPAR	ER TELEPHONE:	912-537-5872
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	885 876			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,943.30	272,072.62	
4. Number of Hou	rs Generator On-line	744.00	7,877.03	265,294.62	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	664,192.00	6,802,027.00	203,949,011.00)

UNIT SHUTDOWNS

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

DOCKET: UNIT_NME: RPT_PERIOD:	366 Hatch Unit 2 201210			ER NAME: ER TELEPHONE:	Ben Mosley 912-537-5872
 Design Electric Maximum Deperture 	al Rating: endable Capacity (MWe-Net)	908 883			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	744.00	7,198.17	245,811.38	
4. Number of Hou	rs Generator On-line	744.00	7,169.82	240,797.67	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	660,728.00	6,275,272.00	188,636,998.00)

UNIT SHUTDOWNS

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

DOCKET: UNIT_NME: RPT_PERIOD:	366 Hatch Unit 2 201211			ER NAME: ER TELEPHONE:	Ben Mosley 912-537-5872
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	908 883			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	721.00	7,919.17	246,532.38	
4. Number of Hou	rs Generator On-line	721.00	7,890.82	241,518.67	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	639,968.00	6,915,240.00	189,276,966.00	
			HUTDOWNS		

UNIT SHUTDOWNS

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

SUMMARY Power was reduced to 65% to perform control rod sequence exchange, turbine valve testing and investigate air inleakage on 11/03/2012. Upon completion of these activities, power was increased to rated thermal power on 11/04/2012.

DOCKET:	366		PREPAR	ER NAME:	Ben Mosley
UNIT_NME: RPT_PERIOD:	Hatch Unit 2 201212		PREPAR	ER TELEPHONE:	912-537-5872
1. Design Electric	0	908			
2. Maximum Depe	endable Capacity (MWe-Net)	883			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	8,663.17	247,276.38	
4. Number of Hou	rs Generator On-line	744.00	8,634.82	242,262.67	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	666,170.00	7,581,410.00	189,943,136.00)

UNIT SHUTDOWNS

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

DOCKET:	354		PREPAR	ER NAME:	Walter Bischoff
UNIT_NME: RPT_PERIOD:	Hope Creek Unit 1 201210		PREPAR	ER TELEPHONE:	8563391037
1. Design Electric	al Rating:	1228.1			
2. Maximum Depe	endable Capacity (MWe-Net)	1172			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	6,735.58	199,133.60	
4. Number of Hou	rs Generator On-line	744.00	6,677.18	195,509.88	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	880,652.00	7,792,921.00	205,750,998.00	

UNIT SHUTDOWNS

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

SUMMARY The month started with the unit online and the reactor critical at 80.1% with power ascension to 100% RTP in progress due to an intermediate runback on A and B Reactor Recirculation Pumps. The runback was automatically initiated as a result of RPV level dropping to level 4. The drop in RPV level was due a trip of the A Reactor Feed Pump. Power was stabilized at 74.0% RCTP on 9/30/2012 at 0857. Power ascension started on 9/30/2012 at 1706 and reached 100% RCTP on 10/1/2012 at 1447. This is an unplanned power change greater than 20% but will be excluded from NEI-99-02 for October 2012 since it was not excluded from NEI-99-02 for the month of September 2012.

One (1) planned power changes greater than 15% occurred in October 2012.

A power decrease of approximately 28.0% RCTP (100% to 72.0%) occurred on 10/22/2012 at 0200 in response to the 5015 500KV planned line outage. Hope Creek was not to exceed 900 MWe per the Artificial Island Operating Guide (AIOG) A-5-500-EEE-1686 Rev 11. Power was stabilized at 72% RCTP on 10/22/2012 at 0444. Power ascension started on 10/23/2012 at 2018. The unit returned to 100% RCTP on 10/23/2012 at 2313. This is a planned power reduction greater than 20%, but is excluded from NEI 99-02 since the power reduction was planned more than 72 hours in advance.

Zero (0) unplanned power changes greater than 15% occurred in October 2012.

The month ended with the unit online and the reactor critical at 100% RTP.

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

DOCKET:	354		PREPAR	ER NAME:	Walter Bischoff
UNIT_NME: RPT_PERIOD:	Hope Creek Unit 1 201211		PREPAR	ER TELEPHONE:	8563391037
1. Design Electric	al Rating:	1228.1			
2. Maximum Depe	endable Capacity (MWe-Net)	1172			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	721.00	7,456.58	199,854.60	
4. Number of Hou	rs Generator On-line	721.00	7,398.18	196,230.88	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	886,230.00	8,679,151.00	206,637,228.00	1

UNIT SHUTDOWNS

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

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

Zero (0) planned power changes greater than 15% occurred in November 2012. Zero (0) unplanned power changes greater than 15% occurred in November 2012.

The month ended with the unit online and the reactor critical at 99.9% RTP.

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

DOCKET:	354		PREPAR	RER NAME:	Walter Bischoff
UNIT_NME: RPT_PERIOD:	Hope Creek Unit 1 201212		PREPAR	ER TELEPHONE:	8563391037
1. Design Electric	al Rating:	1228.1			
2. Maximum Depe	endable Capacity (MWe-Net)	1172			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	8,200.58	200,598.60	
4. Number of Hou	rs Generator On-line	744.00	8,142.18	196,974.88	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	907,097.00	9,586,248.00	207,544,325.00	1

UNIT SHUTDOWNS

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

SUMMARY The month started with the unit online and the reactor critical at 100% RTP

One (1) planned power change greater than 15% occurred in December 2012.

A power decrease of approximately 24.1% (99.9% to 75.8%) occurred on 12/8/2012 at 0002 for Main Turbine Valve testing and control rod pattern adjustments. Power was stabilized at 75.8% RCTP on 12/8/2012 at 0252. Power ascension started on 12/8/2012 at 0832. The unit returned to 100% on 12/9/2012 at 0254. This is a planned power reduction IAW NEI 99-02.

Zero (0) unplanned power changes greater than 15% occurred in December 2012.

The month ended with the unit online and the reactor critical at 100% RTP.

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

DOCKET: UNIT_NME: RPT_PERIOD:	247 Indian Point Unit 2 201210			ER NAME: ER TELEPHONE:	Ron Macina (914)254-6839
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	1035 998			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	6,474.72	255,990.10	
4. Number of Hou	rs Generator On-line	744.00	6,404.42	251,452.94	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	758,211.53	6,405,415.55	224,812,615.91	

UNIT SHUTDOWNS

		Туре			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 744 hours, producing a gross generation of 783,345 MWhrs. The unit operated at full power for the entire month.

DOCKET: UNIT_NME: RPT_PERIOD:	247 Indian Point Unit 2 201211			ER NAME: ER TELEPHONE:	Ron Macina (914)254-6839
 Design Electrica Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	1035 998			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	721.00	7,195.72	256,711.10	
4. Number of Hou	rs Generator On-line	721.00	7,125.42	252,173.94	
5. Reserve Shutdo	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	739,422.17	7,144,837.72	225,552,038.08	
		UNIT SI	HUTDOWNS		

		Туре			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 721 hours, producing a gross generation of 763,943 MWhrs. The unit operated at full power until 11/29/12 when reactor power was reduced to ~94% to perform a Turbine Stop and Control Valve test. The unit was returned to and operated at full power for the remainder of the month.

DOCKET:	247		PREPAR	ER NAME:	Ron Macina
UNIT_NME: RPT_PERIOD:	Indian Point Unit 2 201212		PREPAR	ER TELEPHONE:	(914)254-6839
1. Design Electric	al Rating:	1035			
2. Maximum Depe	endable Capacity (MWe-Net)	998			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,939.72	257,455.10	
4. Number of Hou	rs Generator On-line	744.00	7,869.42	252,917.94	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	766,461.36	7,911,299.08	226,318,499.44	L .

UNIT SHUTDOWNS

		Туре			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 744 hours, producing a gross generation of 791,187 MWhrs. The unit operated at full power for the entire month.

DOCKET:	DOCKET: 286			PREPARER NAME:		
UNIT_NME: RPT_PERIOD:	Indian Point Unit 3 201210		PREPAR	ER TELEPHONE:	(914)254-6839	
1. Design Electric	al Rating:	1048				
2. Maximum Dep	endable Capacity (MWe-Net)	1030				
		This Month	Yr-to-Date	Cumulative		
3. Number of Hou	irs the Reactor was Critical	694.68	7,255.86	227,831.54		
4. Number of Hou	irs Generator On-line	694.68	7,210.68	224,495.41		
5. Reserve Shutd	own Hours	0.00	0.00	0.00		
6. Net Electrical e	energy Generated (MWHrs)	725,793.00	7,466,661.00	210,755,605.00		

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
3	10/29/2012	F	49.32	н	3	Reactor Trip due to Direct Trip from Buchanan Switchyard caused by a grid disturbance related to Hurricane Sandy.

SUMMARY Indian Point 3 was synchronized to the grid for a total of 693.68 hours, producing a gross generation of 749,643 MWhrs. The Unit began the month at full power. The Unit operated at full power until 10/29/2012 at approximately 2241 hours, when the unit received an automatic reactor trip due to a Direct Trip from the Buchanan Switchyard caused by grid disturbances related to Hurricane Sandy. The Unit remained at zero power for the remainder of the month.

DOCKET:	286	PREPAR	Ron Macina		
UNIT_NME: RPT_PERIOD:	Indian Point Unit 3 201211		PREPAR	RER TELEPHONE:	(914)254-6839
1. Design Electric	0	1048			
2. Maximum Dep	endable Capacity (MWe-Net)	1030			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	705.02	7,960.88	228,536.56	
4. Number of Hou	irs Generator On-line	696.92	7,907.60	225,192.33	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	719,433.00	8,186,094.00	211,475,038.00	l de la construcción de

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
3	10/29/2012	F	24.08	н	4	Reactor Trip due to Direct Trip from Buchanan Switchyard caused by a grid disturbance related to Hurricane Sandy.

SUMMARY Indian Point 3 was synchronized to the grid for a total of 696.92 hours, producing a gross generation of 741,592 MWhrs. At 21:41 hours on 10/29/2012 the unit received an automatic reactor trip due to a Direct Trip from the Buchanan Switchyard caused by grid disturbances related to Hurricane Sandy. The reactor was made critical on 11/1/2012 at approximately 15:59 hours and the Unit was synchronized to the grid on 11/2/2012 at approximately 00:05 hours. Full power was reached on 11/2/2012 at approximately 17:45 hours. The Unit remained at full power for the remainder of the month.

DOCKET: UNIT_NME: RPT_PERIOD:	286 Indian Point Unit 3 201212			ER NAME: ER TELEPHONE:	Ron Macina (914)254-6839
 Design Electrica Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	1048 1030			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	8,704.88	229,280.56	
4. Number of Hou	rs Generator On-line	744.00	8,651.60	225,936.33	
5. Reserve Shutdo	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	776,971.00	8,963,065.00	212,252,009.00	1

UNIT SHUTDOWNS

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

SUMMARY Indian Point 3 was synchronized to the grid for a total of 744 hours, producing a gross generation of 800,017 MWhrs. At approximately 09:00 hours on 12/17/2012 the unit commenced a power reduction to approximately 98% to accommodate an End of Life MTC Measurement. The reactor was returned to full power on 12/19/2012 at approximately 05:00 hours. The Unit remained at full power for the remainder of the month.

DOCKET:	305		PREPAR	ER NAME:	J.A. Gadzinski
UNIT_NME: RPT_PERIOD:	Kewaunee Unit 1 201210		PREPAR	ER TELEPHONE:	920-388-8776
1. Design Electric	al Rating:	574			
2. Maximum Depe	endable Capacity (MWe-Net)	556			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	6,519.25	288,303.16	
4. Number of Hou	rs Generator On-line	744.00	6,489.72	285,715.99	
5. Reserve Shutde	own Hours	0.00	0.00	10.00	
6. Net Electrical e	nergy Generated (MWHrs)	415,347.00	3,677,208.00	147,182,266.00)

UNIT SHUTDOWNS

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

SUMMARY Unplanned power reduction due to Condensate/hotwell pump motor leak

DOCKET:	305		PREPAR	ER NAME:	J.A. Gadzinski
UNIT_NME: RPT_PERIOD:	Kewaunee Unit 1 201211		PREPAR	ER TELEPHONE:	920-388-8776
1. Design Electric	0	574			
2. Maximum Depe	endable Capacity (MWe-Net)	556			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	721.00	7,240.25	289,024.16	
4. Number of Hou	rs Generator On-line	721.00	7,210.72	286,436.99	
5. Reserve Shutde	own Hours	0.00	0.00	10.00	
6. Net Electrical e	nergy Generated (MWHrs)	412,608.00	4,089,816.00	147,594,874.00)

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 continues to operate at 100% steady state power.

DOCKET:	305		PREPAR	ER NAME:	J.A. Gadzinski
UNIT_NME: RPT_PERIOD:	Kewaunee Unit 1 201212		PREPAR	ER TELEPHONE:	920-388-8776
1. Design Electric	al Rating:	574			
2. Maximum Depe	endable Capacity (MWe-Net)	556			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,984.25	289,768.16	
4. Number of Hou	rs Generator On-line	744.00	7,954.72	287,180.99	
5. Reserve Shutde	own Hours	0.00	0.00	10.00	
6. Net Electrical e	nergy Generated (MWHrs)	426,096.00	4,515,912.00	148,020,970.00	

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 continues to operate at 100% steady state power.

DOCKET: UNIT_NME:	373 LaSalle Unit 1			er name: Er telephone:	S. Shields (815) 415-2811
RPT_PERIOD:	201210				
1. Design Electric	al Rating:	1178			
Maximum Deperation	2. Maximum Dependable Capacity (MWe-Net)				
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	6,770.37	198,438.86	
4. Number of Hou	rs Generator On-line	744.00	6,748.50	195,924.08	
5. Reserve Shutde	own Hours	0.00	0.00	1.00	
6. Net Electrical e	nergy Generated (MWHrs)	869,699.00	7,754,648.00	206,300,022.00	

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 had a downpower on 10/27/12 to approximately 920 MWe for a rod sequence exchange. Unit 1 operated at or near full power for the remainder of the month.

DOCKET: UNIT_NME: RPT_PERIOD:	373 LaSalle Unit 1 201211			ER NAME: ER TELEPHONE:	S. Shields (815) 415-2811
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	1178 1111			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	721.00	7,491.37	199,159.86	
4. Number of Hou	rs Generator On-line	721.00	7,469.50	196,645.08	
5. Reserve Shutde	own Hours	0.00	0.00	1.00	
6. Net Electrical e	nergy Generated (MWHrs)	846,501.00	8,601,149.00	207,146,523.00)

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 operated at or near full power for the month.

DOCKET: UNIT_NME: RPT_PERIOD:	373 LaSalle Unit 1 201212			ER NAME: ER TELEPHONE:	S. Shields (815) 415-2811
 Design Electric Maximum Deperture 	al Rating: endable Capacity (MWe-Net)	1178 1111			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	744.00	8,235.37	199,903.86	
4. Number of Hou	rs Generator On-line	744.00	8,213.50	197,389.08	
5. Reserve Shutde	own Hours	0.00	0.00	1.00	
6. Net Electrical e	nergy Generated (MWHrs)	870,085.00	9,471,234.00	208,016,608.00	1
		UNIT SI	HUTDOWNS		

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

SUMMARY Unit 1 had a downpower on 12/9/12 to approximately 800 MWe for a rod sequence exchange and surveillances and a downpower on 12/13/12 to approximately 970 MWe for MSIV testing. Unit 1 operated at or near full power for the remainder of the month.

DOCKET:	374		PREPAR	ER NAME:	S. Shields
UNIT_NME: RPT_PERIOD:	LaSalle Unit 2 201210		PREPAR	ER TELEPHONE:	(815) 415-2811
1. Design Electric	al Rating: endable Capacity (MWe-Net)	1178 1111			
	endable Capacity (MWe-Net)	1111			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,319.00	190,925.63	
4. Number of Hou	rs Generator On-line	744.00	7,319.00	189,623.95	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	867,011.00	8,430,612.00	201,986,997.00	

UNIT SHUTDOWNS

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

 ${\small SUMMARY} \quad {\small Unit 2 \ operated \ at \ or \ near \ full \ power \ for \ the \ month \ of \ October.}$

DOCKET:	374		PREPAR	ER NAME:	S. Shields
UNIT_NME: RPT_PERIOD:	LaSalle Unit 2 201211		PREPAR	ER TELEPHONE:	(815) 415-2811
1. Design Electric	al Rating: endable Capacity (MWe-Net)	1178 1111			
	endable Capacity (wwwe-iver)				
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	721.00	8,040.00	191,646.63	
4. Number of Hou	rs Generator On-line	721.00	8,040.00	190,344.95	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	839,561.00	9,270,173.00	202,826,558.00	

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 had a downpower on 11/3/12 to approximately 800 MWe for a rod sequence exchange. Unit 2 operated at or near full power for the remainder of the month.

DOCKET:	374		PREPAR	ER NAME:	S. Shields
UNIT_NME: RPT_PERIOD:	LaSalle Unit 2 201212		PREPAR	ER TELEPHONE:	(815) 415-2811
1. Design Electric	al Rating:	1178			
2. Maximum Depe	endable Capacity (MWe-Net)	1111			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	744.00	8,784.00	192,390.63	
4. Number of Hou	rs Generator On-line	744.00	8,784.00	191,088.95	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	853,560.00	10,123,733.00	203,680,118.00)

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 had a downpower on 12/1/12 to approximately 800 MWe for a rod sequence exchange and a downpower on 12/14/12 to approximately 870 MWe for all rods out. The unit started coastdown for refuel outage L2R14 on 12/23/12. Unit 2 operated at or near full power for the remainder of the month.

DOCKET: UNIT_NME: RPT_PERIOD:	352 Limerick Unit 1 201210			RER NAME: RER TELEPHONE:	Leonard J. Maioriello 610-718-3512
 Design Electrica Maximum Depe 	al Rating: endable Capacity (MWe-Net)	1205 1099			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	6,360.14	212,820.04	
4. Number of Hou	rs Generator On-line	744.00	6,193.08	210,309.01	
5. Reserve Shutdo	own Hours	0.00	0.00	0.00	
6. Net Electrical er	nergy Generated (MWHrs)	850,308.00	6,983,665.00	225,654,874.00)

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 of October 2012 at 100.0% rated thermal power (RTP).

On October 29th at 19:16 hours, reactor power was reduced from 99.9% to 48.4% RTP due to Service water pressure issues caused by hurricane Sandy.

On October 30th at 23:56 hours, reactor power was restored to 99.6% RTP.

On October 31st at 23:00 hours, reactor power was reduced from 99.5% to 86.8% RTP due to load drop for rod pattern adjustment subsequent to the deep load drop due to Hurricane Sandy

On November 1st at 00:36 hours, reactor power was restored to 99.6% RTP.

Unit 1 ended the month of October 2012 at 93.3% RTP.

DOCKET:352UNIT_NME:Limerick Unit 1RPT_PERIOD:201211			ER NAME: ER TELEPHONE:	Leonard J. Maioriello 610-718-3512
 Design Electrical Rating: Maximum Dependable Capacity (MWe-Net) 	1205 1099			
	This Month	Yr-to-Date	Cumulative	
3. Number of Hours the Reactor was Critical	721.00	7,081.14	213,541.04	
4. Number of Hours Generator On-line	721.00	6,914.08	211,030.01	
5. Reserve Shutdown Hours	0.00	0.00	0.00	
6. Net Electrical energy Generated (MWHrs)	787,090.00	7,770,755.00	226,441,964.00)

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 of November 2012 at 93.3% rated thermal power (RTP).

On November 1st at 00:36 hours, reactor power was restored to 99.6% RTP following a load drop for a rod pattern adjustment subsequent to a down power caused by hurricane Sandy.(IR 1436710).

On November 3rd at 22:01 hours, reactor power was reduced from 100.0% to 92.6% RTP due to load drop for rod pattern adjustment subsequent to a deep load drop due to Hurricane Sandy On November 4th at 01:28 hours, reactor power was restored to 99.6% RTP.

On November 12th at 03:43 hours, reactor power was reduced from 100.0% to 32.2% RTP due to the unplanned tripping of the 1A Recirc ASD unit.

On November 15th at 12:47 hours, reactor power was restored to 99.8% RTP.

(IR 1438773).

On November 16th at 02:38 hours, reactor power was reduced from 99.7% to 82.8% RTP due to an unplanned load drop for a rod pattern adjustment subsequent to the tripping of the 1A Recirc ASD unit.

On November 16th at 12:12 hours, reactor power was restored to 99.5% RTP.

On November 18th at 22:03 hours, reactor power was reduced from 100.0% to 94.9% RTP due to an unplanned load drop for a rod pattern adjustment subsequent to the tripping of the 1A Recirc ASD unit. Reactor power was restored to 99.5% RTP at 23:00 hours.

Unit 1 ended the month of November 2012 at 99.9% RTP.

DOCKET: UNIT_NME: RPT_PERIOD:	352 Limerick Unit 1 201212			RER NAME: RER TELEPHONE:	Leonard J. Maioriello 610-718-3512
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	1205 1099			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	744.00	7,825.14	214,285.04	
4. Number of Hou	irs Generator On-line	716.75	7,630.83	211,746.76	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	828,749.00	8,599,504.00	227,270,713.00)

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
001	12/7/2012	S	27.25	A	5	Planned shutdown to fix a steam leak on the 1A2 moisture separator manway. Reactor remained critical during this shutdown. Power was restored to 99.7% RTP on 12/09 at17:07 hours. (Ref. IR 1409874.)

SUMMARY Unit 1 began the month of December 2012 at 99.9% rated thermal power (RTP).

On December 7th at 08:00 hours, reactor power was reduced from 100.0% to 19.4% RTP in preparation for a Unit 1 shutdown to repair a moisture separator man way steam leak. At 23:26 hours, the Unit 1 main turbine was tripped commencing 1M53 maintenance outage. (Ref. IR 1409874.) On December 9th at 02:41 hours, the main generator was synchronized to the grid. At 17:07 hours, reactor power was restored to 99.7% RTP.

On December 10th at 23:58 hours, reactor power was reduced from 99.4% to 90.1% RTP to perform a planned load drop for a rod pattern adjustment subsequent to the 1M53 outage.

On December 11th at 04:03 hours, reactor power was restored to 99.9% RTP.

Unit 1 ended the month of December 2012 at 99.9% RTP.

DOCKET: UNIT_NME: RPT_PERIOD:	353 Limerick Unit 2 201210			RER NAME: RER TELEPHONE:	Leonard J. Maioriello 610-718-3512
 Design Electrica Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	1205 1108			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,006.33	188,892.49	
4. Number of Hou	rs Generator On-line	744.00	6,928.34	186,558.30	
5. Reserve Shutdo	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	825,527.00	7,868,864.00	204,971,442.00)

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 began the month of October 2012 at 100.0% of rated thermal power (RTP).

On October 5th at 22:00 hours, reactor power was reduced from 99.9% to 64.6% RTP due to a planned load drop for condenser water box cleaning and a rod pattern adjustment.

On October 6th at 12:09 hours, reactor power was restored to 99.6% RTP.

On October 12th at 22:00 hours, reactor power was reduced from 99.9% to 90.6% RTP due to a planned load drop for a control rod pattern adjustment. Reactor power was restored to 99.5% RTP at 22:53 hours.

On October 29th at 17:03 hours, reactor power was reduced from 100% to 21.9% RTP due to external grid issues caused by hurricane Sandy. On October 31st at 20:34 hours, reactor power was restored to 100.0% RTP.

Unit 2 ended the month of October 2012 at 99.3% RTP.

DOCKET: UNIT_NME: RPT_PERIOD:	353 Limerick Unit 2 201211			RER NAME: RER TELEPHONE:	Leonard J. Maioriello 610-718-3512
 Design Electrica Maximum Depe 	al Rating: endable Capacity (MWe-Net)	1205 1108			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	721.00	7,727.33	189,613.49	
4. Number of Hou	rs Generator On-line	721.00	7,649.34	187,279.30	
5. Reserve Shutdo	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	849,859.00	8,718,723.00	205,821,301.00)

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 began the month of November 2012 at 99.3% of rated thermal power (RTP).

On November 1st at 00:00 hours, reactor power was reduced from 99.4% to 79.5% RTP due to a follow up load drop for a rod pattern adjustment subsequent to a down power caused by hurricane Sandy. Reactor power was restored to 99.5% RTP at 16:01 hours.

On November 10th at 22:02 hours, reactor power was reduced from 99.9% to 97.8% RTP due to a planned load drop for control rod scram time testing. Reactor power was restored to 99.6% RTP at 23:49 hours.

On November 17th at 22:01 hours, reactor power was reduced from 99.9% to 90.2% RTP due to a planned load drop for a control rod pattern adjustment. Reactor power was restored to 99.8% RTP at 23:47 hours.

Unit 2 ended the month of November 2012 at 100.0% RTP.

DOCKET: UNIT_NME: RPT_PERIOD:	353 Limerick Unit 2 201212			ER NAME: ER TELEPHONE:	Leonard J. Maioriello 610-718-3512
 Design Electrica Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	1205 1108			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	8,471.33	190,357.49	
4. Number of Hou	rs Generator On-line	744.00	8,393.34	188,023.30	
5. Reserve Shutdo	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	876,540.00	9,595,263.00	206,697,841.00	

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 began the month of December 2012 at 100.0% of rated thermal power (RTP).

On December 16th at 19:00 hours, reactor power was reduced from 100.0% to 81.5% RTP due to a planned load drop for main turbine valve testing.

On December 17th at 07:13 hours, reactor power was restored to 99.8% RTP

On December 22nd at 11:26 hours, reactor power was reduced from 99.9% to 98.7% RTP due to an unplanned load drop for failure of the LEFM system. (Ref. IR 1455226) Reactor power was restored to 99.9% RTP at 21:28 hours.

Unit 2 ended the month of December 2012 at 100.0% RTP.

DOCKET:	369		PREPAR	ER NAME:	Kay Crane
UNIT_NME: RPT_PERIOD:	McGuire Unit 1 201210		PREPAR	ER TELEPHONE:	(980) 875-4306
1. Design Electric	al Rating:	1180			
2. Maximum Depe	endable Capacity (MWe-Net)	1100			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,319.00	222,158.26	
4. Number of Hou	rs Generator On-line	744.00	7,319.00	220,635.87	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	857,256.00	8,420,377.00	240,348,330.00)

UNIT SHUTDOWNS

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

DOCKET:	369		PREPAR	ER NAME:	Kay Crane
UNIT_NME: RPT_PERIOD:	McGuire Unit 1 201211		PREPAR	ER TELEPHONE:	(980) 875-4306
1. Design Electric	0	1180			
2. Maximum Depe	endable Capacity (MWe-Net)	1100			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	721.00	8,040.00	222,879.26	
4. Number of Hou	rs Generator On-line	721.00	8,040.00	221,356.87	
5. Reserve Shutdo	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	832,410.00	9,252,787.00	241,180,740.00)

UNIT SHUTDOWNS

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

DOCKET:	369		PREPARI	ER NAME:	Kay Crane
UNIT_NME: RPT_PERIOD:	McGuire Unit 1 201212		PREPARI	ER TELEPHONE:	(980) 875-4306
1. Design Electrica	al Rating:	1180			
2. Maximum Depe	endable Capacity (MWe-Net)	1100			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	8,784.00	223,623.26	
4. Number of Hou	rs Generator On-line	744.00	8,784.00	222,100.87	
5. Reserve Shutdo	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	861,255.00	10,114,042.00	242,041,995.00)

UNIT SHUTDOWNS

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

DOCKET:	370		PREPAR	ER NAME:	Kay Crane
UNIT_NME: RPT_PERIOD:	McGuire Unit 2 201210		PREPAR	ER TELEPHONE:	(980) 875-4306
1. Design Electric	al Rating:	1180			
2. Maximum Dep	endable Capacity (MWe-Net)	1100			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	0.00	6,198.23	214,793.85	
4. Number of Hou	irs Generator On-line	0.00	6,198.00	213,334.96	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	-4,562.00	7,102,570.00	237,962,092.00	

UNIT SHUTDOWNS

		Type F: Forced	Duration		Method of Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments
1	9/15/2012	S	744.00	С	4	Unit 2 generator breakers 2A and 2B were opened on 9/15/12 at 07:00 to enter the planned Unit 2 refueling outage 2EOC21.
						Generator Breaker 2A was closed on 11/30/2012 at 18:15 to end the refueling outage.

SUMMARY Unit 2 remained in the planned 2EOC21 refueling outage for October.

DOCKET: 370			PREPARER	NAME:	Kay Crane
UNIT_NME: McGuire Unit 2 RPT_PERIOD: 201211			PREPARER	TELEPHONE:	(980) 875-4306
 Design Electrical Rating: Maximum Dependable Capacity (MW) 	1180 /e-Net) 1100				
	Т	his Month	Yr-to-Date	Cumulative	
3. Number of Hours the Reactor was C	ritical 1	59.53	6,357.76	214,953.38	
4. Number of Hours Generator On-line	5.	.75	6,203.75	213,340.71	
5. Reserve Shutdown Hours	0.	.00	0.00	0.00	
6. Net Electrical energy Generated (MV	/Hrs) -1	19,975.00	7,082,595.00	237,942,117.00	

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
1	9/15/2012	S	714.25	С	4	Unit 2 generator breakers 2A and 2B were opened on 9/15/12 at 07:00 to enter the planned Unit 2 refueling outage 2EOC21.
						Generator Breaker 2A was closed on 11/30/2012 at 18:15 to end the refueling outage.

SUMMARY Unit 2 was initially taken critical on 11/11/12 at 20:54 in order to perform zero power physics testing and proceed into power escalation. While escalating power, the turbine #4 journal bearing was damaged and the reactor was required to be shutdown for repair. Reactor shutdown occurred on 11/13/12 at 03:32. Following repairs, the reactor was returned to critical on 11/22/12 at 17:45. Power escalation and planned turbine testing continued following criticality. While holding power at approximately 15%, it was determined that a feedwater isolation valve, 2CF-31, was not operating correctly and Unit 2 was shutdown on 11/27/12 at 12:38 to repair the valve. Unit 2 was returned to critical on 11/30/12 at 09:59. Power escalation proceeded and 2A Generator Breaker was closed in on 11/30/12 at 18:15, ending the M2EOC21 refueling outage.

DOCKET: 37	70		PREPARE	R NAME:	Kay Crane
	cGuire Unit 2 01212		PREPAREI	R TELEPHONE:	(980) 875-4306
1. Design Electrical R	ating:	1180			
2. Maximum Dependa	able Capacity (MWe-Net)	1100			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hours th	ne Reactor was Critical	744.00	7,101.76	215,697.38	
4. Number of Hours G	Generator On-line	720.33	6,924.08	214,061.04	
5. Reserve Shutdown	Hours	0.00	0.00	0.00	
6. Net Electrical energ	gy Generated (MWHrs)	771,515.00	7,854,110.00	238,713,632.00	

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
2	12/1/2012	F	23.67	Н	5	Unit 2 Turbine tripped during power escalation on 12/01/12 23:17 due to reaching the AMSAC turbine trip setpoint. These setpoints were set lower than expected because they had not been recalibrated for the new pressure control system following removal of the turbine impulse pressure lines.

SUMMARY Unit 2 turbine tripped upon receipt of two AMSAC signals 12/1/12 at 23:17. The AMSAC setpoints had not been recalibrated following the removal of the turbine impulse pressure lines and, therefore, the signals were received earlier than expected. Following the trip, AMSAC was calibrated to the correct values and power escalation commenced. 2B generator breaker was closed in again on 12/2/12 at 22:57, Full power was achieved on 12/6/12 at 17:03.

DOCKET: 336 UNIT_NME: Millstone Unit 2 RPT_PERIOD: 201210			ER NAME: ER TELEPHONE:	S. Claffey 860-447-1791 x2456
 Design Electrical Rating: Maximum Dependable Capacity (MWe-Net) 	883.5 877.7 This Month	Yr-to-Date	Cumulative	
3. Number of Hours the Reactor was Critical	140.93	6,443.96	228,394.70	
4. Number of Hours Generator On-line	140.93	6,436.43	222,342.98	
5. Reserve Shutdown Hours	0.00	0.00	468.20	
6. Net Electrical energy Generated (MWHrs)	120,239.40	5,555,302.40	186,006,753.70	

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
2012-2	10/6/2012	S	603.07	С	1	Entered Refueling Outage 2R21. Major activities include: Main Turbine Generator Electro-Hydraulic Control System replacement, Containment Refueling Crane Replacement, Reserve Station Service Transformer replacement, and Service Water piping repairs

SUMMARY Millstone Unit 2 operated at or near 100% power until October 6, 2012. At 2056 hours on October 6, 2012, the unit was removed from service for a refueling and maintenance outage scheduled for 28 days. The unit remained in the outage through the remainder of the month.

DOCKET:336UNIT_NME:Millstone Unit 2RPT_PERIOD:201211			ER NAME: ER TELEPHONE:	S. Claffey 860-447-1791 x2456
 Design Electrical Rating: Maximum Dependable Capacity (MWe-Net) 	883.5 877.7 This Month	Yr-to-Date	Cumulative	
3. Number of Hours the Reactor was Critical	219.38	6,663.34	228,614.08	
4. Number of Hours Generator On-line	184.32	6,620.75	222,527.30	
5. Reserve Shutdown Hours	0.00	0.00	468.20	
6. Net Electrical energy Generated (MWHrs)	135,447.50	5,690,749.90	186,142,201.20	

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
2012-2	10/6/2012	S	535.68	С	4	Entered Refueling Outage 2R21. Major activities include: Main Turbine Generator Electro-Hydraulic Control System replacement, Containment Refueling Crane Replacement, Reserve Station Service Transformer replacement, and Service Water piping repairs

SUMMARY Millstone Unit 2 restarted from a planned refueling outage on November 21, 2012. Cycle 21 initial criticality occurred on November 21, 2012 at 2037 hours. The main generator was phased to the grid on November 23, 2012 at 0741 hours. The unit reached 100% power on November 25, 2012 at about 1740 hours. The unit operated at or near 100% power for the remainder of November 2012.

DOCKET: UNIT_NME: RPT_PERIOD:	336 Millstone Unit 2 201212			ER NAME: ER TELEPHONE:	S. Claffey 860-447-1791 x2456
 Design Electrica Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	883.5 877.7			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,407.34	229,358.08	
4. Number of Hou	rs Generator On-line	744.00	7,364.75	223,271.30	
5. Reserve Shutdo	own Hours	0.00	0.00	468.20	
6. Net Electrical e	nergy Generated (MWHrs)	652,091.80	6,342,841.70	186,794,293.00	

UNIT SHUTDOWNS

		Туре			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 throughout the month of December, 2012.

DOCKET: UNIT_NME: RPT_PERIOD:	423 Millstone Unit 3 201210			ER NAME: ER TELEPHONE:	K. Cook 860-447-1791X6572
 Design Electric Maximum Deperture 	al Rating: endable Capacity (MWe-Net)	1229 1218			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	744.00	7,319.00	182,296.33	
4. Number of Hou	rs Generator On-line	744.00	7,319.00	180,243.12	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	897,985.20	8,964,875.74	203,410,303.14	
		UNIT S	HUTDOWNS		

		Туре			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 until October 29, 2012. A plant downpower commenced at 1212 hours to approximately 75% power due to Hurricane Sandy. The downpower was completed at 1244 hours. On October 31, 2012 at 1223 hours the unit commenced an uppower to approximately 94% power to perform a routine Main Turbine Control Valve Test. At 1722 hours the plant was holding at 94% power until completion of the Control Valve Test.

DOCKET: UNIT_NME: RPT_PERIOD:	423 Millstone Unit 3 201211			ER NAME: ER TELEPHONE:	K. Cook 860-447-1791X6572
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	1229 1218			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	721.00	8,040.00	183,017.33	
4. Number of Hou	rs Generator On-line	721.00	8,040.00	180,964.12	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	891,240.60	9,856,116.34	204,301,543.74	
			HUTDOWNS		

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

SUMMARY Millstone Unit 3 continued at 94% power in the beginning of November until completion of Main Turbine Control Valve Testing. The plant commenced raising power on November 1, 2012 at 0731 hours and reached 100% power at 1239 hours the same day. The plant continued to operate at or near 100% power throughout the remainder of November.

DOCKET: UNIT_NME: RPT_PERIOD:	423 Millstone Unit 3 201212			ER NAME: ER TELEPHONE:	K. Cook 8604471791 X6572
 Design Electrica Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	1229 1218			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	8,784.00	183,761.33	
4. Number of Hou	rs Generator On-line	744.00	8,784.00	181,708.12	
5. Reserve Shutdo	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	920,374.80	10,776,491.14	205,221,918.54	

UNIT SHUTDOWNS

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

SUMMARY Millstone Unit 3 operated at or near 100% power throughout the month of December, 2012.

DOCKET: UNIT_NME: RPT_PERIOD:	263 Monticello Unit 1 201210			ER NAME: ER TELEPHONE:	Kevin Austin 763-271-5875
 Design Electrica Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	600 578.1			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,192.97	307,603.84	
4. Number of Hou	rs Generator On-line	744.00	7,087.52	303,452.36	
5. Reserve Shutdo	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	431,231.00	4,037,466.00	160,646,436.30	

UNIT SHUTDOWNS

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

SUMMARY There were two planned downpowers during the month. The first downpower on the 10th was for a minor rod pattern adjustment which included recovery of inoperable CRD 18-07. The second downpower on the 27th was for a rod sequence exchange which included testing of CRD 30-47.

DOCKET: UNIT_NME: RPT_PERIOD:	263 Monticello Unit 1 201211			ER NAME: ER TELEPHONE:	Kevin Austin 763-271-5875
 Design Electrica Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	600 578.1			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	721.00	7,913.97	308,324.84	
4. Number of Hou	rs Generator On-line	721.00	7,808.52	304,173.36	
5. Reserve Shutdo	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	420,039.00	4,457,505.00	161,066,475.30	
		UNIT S	HUTDOWNS		

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

SUMMARY There was one planned downpower on the 17th for turbine testing, control rod settle testing, and a rod pattern adjustment.

DOCKET:	263		PREPAR	ER NAME:	Kevin Austin
UNIT_NME: RPT_PERIOD:	Monticello Unit 1 201212		PREPAR	ER TELEPHONE:	763-271-5875
1. Design Electric	0	600			
2. Maximum Depe	endable Capacity (MWe-Net)	578.1			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	8,657.97	309,068.84	
4. Number of Hou	rs Generator On-line	744.00	8,552.52	304,917.36	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	432,869.00	4,890,374.00	161,499,344.30)

UNIT SHUTDOWNS

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

SUMMARY There were no downpowers during the month.

DOCKET:	220		PREPAR	RER NAME:	John Potter
UNIT_NME:	Nine Mile Point Unit 1		PREPAR	RER TELEPHONE:	315-349-2271
RPT_PERIOD:	201210				
1. Design Electric	al Rating:	613			
2. Maximum Depe	endable Capacity (MWe-Net)	565			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	693.02	6,979.81	285,994.68	
4. Number of Hou	rs Generator On-line	693.02	6,916.30	280,982.38	
5. Reserve Shutd	own Hours	0.00	0.00	20.40	
6. Net Electrical e	nergy Generated (MWHrs)	423,940.81	4,219,580.57	160,388,839.78	3

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
1F120 4	10/29/2012	F	50.98	Н	3	Generator Load Reject due to Output Breaker Closure caused by Switchyard Induced Ground Fault

DOCKET: 220		PREPAR	ER NAME:	John Potter
UNIT_NME: Nine Mile Point Unit 1 RPT_PERIOD: 201211		PREPAR	ER TELEPHONE:	315-349-2271
1. Design Electrical Rating:	613			
2. Maximum Dependable Capacity (MWe-Net)	565			
	This Month	Yr-to-Date	Cumulative	
3. Number of Hours the Reactor was Critical	556.68	7,536.49	286,551.36	
4. Number of Hours Generator On-line	516.62	7,432.92	281,499.00	
5. Reserve Shutdown Hours	0.00	0.00	20.40	
6. Net Electrical energy Generated (MWHrs)	266,502.37	4,486,082.94	160,655,342.15	

UNIT SHUTDOWNS

		Type F: Forced	Duration		Method of Shutting	Cause - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Comments
1F120 4	10/29/2012	F	53.92	Н	4	Generator Load Reject due to Output Breaker Closure caused by Switchyard Induced Ground Fault
1P120 1	11/30/2012	S	19.42	В	1	Repair Turbine Lube Oil Vibration Issue
1F120 5	11/3/2012	F	130.05	A	3	Turbine Trip Due to High Reactor Water Level

DOCKET: 220			PREPAREI	R NAME:	John Potter
UNIT_NME: Nine RPT_PERIOD: 2012	Mile Point Unit 1 12		PREPARE	R TELEPHONE:	315-349-2271
 Design Electrical Ratin Maximum Dependable 	0	613 565			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hours the R	Reactor was Critical	543.45	8,079.94	287,094.81	
4. Number of Hours Gene	erator On-line	521.28	7,954.20	282,020.28	
5. Reserve Shutdown Ho	urs	0.00	0.00	20.40	
6. Net Electrical energy G	enerated (MWHrs)	312,365.27	4,798,448.21	160,967,707.42	

UNIT SHUTDOWNS

		Туре			Method of	
No.	Date	F: Forced S: Scheduled	Duration (Hours)	Reason 1	Shutting Down 2	Cause - Corrective Action Comments
1F120 6	12/13/2012	F	151.33	А	1	Forced shutdown due to containment leak.
1P120 1	11/30/2012	S	71.38	В	4	Repair Turbine Lube Oil Vibration Issue

DOCKET:	410		PREPAR	ER NAME:	John Potter
UNIT_NME: RPT_PERIOD:	Nine Mile Point Unit 2 201210		PREPAR	ER TELEPHONE:	315-349-2271
1. Design Electric	al Rating:	1299.9			
2. Maximum Depe	endable Capacity (MWe-Net)	1276.8			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	744.00	5,914.18	183,620.03	
4. Number of Hou	rs Generator On-line	744.00	5,796.78	180,250.49	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	955,130.89	6,763,538.91	195,333,308.67	

UNIT SHUTDOWNS

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

DOCKET:	410		PREPAR	ER NAME:	John Potter
UNIT_NME: RPT_PERIOD:	Nine Mile Point Unit 2 201211		PREPAR	RER TELEPHONE:	315-349-2271
RPI_PERIOD.	201211				
 Design Electrica 	Il Rating:	1299.9			
2. Maximum Deper	ndable Capacity (MWe-Net)	1276.8			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hour	s the Reactor was Critical	603.93	6,518.11	184,223.96	
4. Number of Hour	s Generator On-line	579.53	6,376.31	180,830.02	
5. Reserve Shutdo	wn Hours	0.00	0.00	0.00	
6. Net Electrical er	nergy Generated (MWHrs)	688,707.81	7,452,246.72	196,022,016.48	

UNIT SHUTDOWNS

		Туре			Method of	
No.	Date	F: Forced S: Scheduled	Duration (Hours)	Reason 1	Shutting Down 2	Cause - Corrective Action Comments
2P120 1	11/14/2012	S	141.47	В	1	

DOCKET:	410		PREPAR	ER NAME:	John Potter
UNIT_NME: RPT_PERIOD:	Nine Mile Point Unit 2 201212		PREPAR	ER TELEPHONE:	315-349-2271
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	1299.9 1276.8			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,262.11	184,967.96	
4. Number of Hou	rs Generator On-line	744.00	7,120.31	181,574.02	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	966,089.96	8,418,336.68	196,988,106.44	
		-			

UNIT SHUTDOWNS

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

DOCKET:	338		PREPAR	ER NAME:	W.C.Beasley
UNIT_NME: RPT_PERIOD:	North Anna Unit 1 201210		PREPAR	ER TELEPHONE:	540-894-2520
1. Design Electric	al Rating:	973			
2. Maximum Depe	endable Capacity (MWe-Net)	943			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	6,107.76	252,328.17	
4. Number of Hou	rs Generator On-line	744.00	6,067.37	248,592.86	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	722,346.16	5,731,185.56	217,415,477.62	

UNIT SHUTDOWNS

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

SUMMARY Began the Month @ 100% Power, 1021 MWe. Ended the Month @ 100% Power, 1032 MWe. Note: Unplanned energy loss was attributed to 1-SD-P-1A repack.

DOCKET:	338		PREPAR	ER NAME:	W.C.Beasley
UNIT_NME: RPT_PERIOD:	North Anna Unit 1 201211		PREPAR	ER TELEPHONE:	540-894-2520
1. Design Electric	al Rating:	973			
2. Maximum Depe	endable Capacity (MWe-Net)	943			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	721.00	6,828.76	253,049.17	
4. Number of Hou	rs Generator On-line	721.00	6,788.37	249,313.86	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	708,360.86	6,439,546.42	218,123,838.48	

UNIT SHUTDOWNS

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

SUMMARY Began the Month @ 100% Power, 1032 MWe. On 11-28-12 @ 1011, commence ramping unit down to approx. 93% power to perform Turbine Valve Freedom Test (1-PT-34.3). On 11-28-12 @ 1053, stabilized power @ 93% power, 960 MWe. On 11-28-12 @ 1151, Turbine Valve Freedom Test is Sat. On 11-28-12 @ 1212, commence ramp to 100% Power. On 11-28-12 @ 1345, Unit is 99.5 % power, 1028 MWe. On 11-28-12 @ 1900, 100% Power, 1030 MWe. Ended the Month @ 100% Power, 1032 MWe.

DOCKET:	338		PREPAR	RER NAME:	W.C.Beasley
UNIT_NME: RPT_PERIOD:	North Anna Unit 1 201212		PREPAR	ER TELEPHONE:	540-894-2520
1. Design Electric	Ũ	973			
2. Maximum Depe	endable Capacity (MWe-Net)	943			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,572.76	253,793.17	
4. Number of Hou	rs Generator On-line	744.00	7,532.37	250,057.86	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	731,357.82	7,170,904.24	218,855,196.30)

UNIT SHUTDOWNS

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

SUMMARY Began the Month @ 100% Power, 1032 MWe. Ended the Month @ 100% Power, 1034 MWe.

DOCKET:	339		PREPAR	ER NAME:	W.C.Beasley
UNIT_NME: RPT_PERIOD:	North Anna Unit 2 201210		PREPAR	ER TELEPHONE:	540-894-2520
1. Design Electrica	I Rating:	973			
2. Maximum Deper	ndable Capacity (MWe-Net)	943			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hours	s the Reactor was Critical	443.45	7,018.45	240,715.55	
4. Number of Hours	s Generator On-line	434.38	7,009.38	238,935.82	
5. Reserve Shutdo	wn Hours	0.00	0.00	0.00	
6. Net Electrical en	ergy Generated (MWHrs)	396,626.64	6,738,120.23	210,949,958.22	

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
N2- 2012- 002	10/24/2012	F	32.83	A	3	Automatic Reactor Trip from apparent Loss of Load. First out "C" S/G lo lo level.
N2- 2012- 001	10/8/2012	F	276.78	A	1	Shutdown and cooldown to Mode 5 to replace seals on 2-RC-P-1A and 2-RC-P-1C

SUMMARY Began the Month @ 100% Power, 1016 MWe. On 10-7-12 @ 2353, commenced shutdown IAW 2-OP-2.2 to remove unit from service due to low seal leakoff flows on 2-RC-P-1A and 2-RC-P-1C. On 10-8-12 @ 0502, unit is offline. On 10-8-12 @ 0525, tripped the unit and entered Mode 3. On 10-8-12 @ 1724, entered Mode 5. On 10-19-12 @ 0830, commence reactor startup. On 10-19-12 @ 1332, reactor is critical. On 10-19-12 @ 1749, placed unit on line. On 10-20-12 @ 1900, 98% power, 1004 MWe. On 10-21-12 @ 0700, 98.5 % power, 1007 MWe. On 10-24-12 @ 0147, Automatic Reactor Trip due to apparent Loss of Load. First out "C" S/G lo lo level. On 10-25-12 @ 0526, commence reactor startup. On 10-25-12 @ 0614, reactor is critical. On 10-25-12 @ 1037, Unit placed on line. On 10-26-12 @ 0104, commence reducing turbine load to restore feedwater pump pressure. On 10-26-12 @ 0115, stopped the ramp @ 92% power, 950 MWe. On 10-25-12 @ 0412, Commence ramp to 98% power. On 10-26-12 @ 0508, 98% Power, 1003 MWe. Ended the Month @ 99% Power, 1016 MWe.

DOCKET:	339		PREPAR	ER NAME:	W.C.Beasley
UNIT_NME: RPT_PERIOD:	North Anna Unit 2 201211		PREPAR	ER TELEPHONE:	540-894-2520
1. Design Electric	al Rating:	973			
2. Maximum Depe	endable Capacity (MWe-Net)	943			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	721.00	7,739.45	241,436.55	
4. Number of Hou	rs Generator On-line	721.00	7,730.38	239,656.82	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	699,889.16	7,438,009.39	211,649,847.38	5

UNIT SHUTDOWNS

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

SUMMARY Began the Month @ 99% Power, 1016 MWe. On 11-19-12 @ 1900, 99.5% Power, 1020 MWe. On 10-20-12 @ 0700, 100% Power, 1020 MWe. Ended the Month @ 100% Power, 1023 MWe.

DOCKET:	339		PREPAR	RER NAME:	W.C. Beasley
UNIT_NME: RPT_PERIOD:	North Anna Unit 2 201212		PREPAR	ER TELEPHONE:	540-894-2520
1. Design Electric	al Rating:	973			
2. Maximum Depe	endable Capacity (MWe-Net)	943			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	8,483.45	242,180.55	
4. Number of Hou	rs Generator On-line	744.00	8,474.38	240,400.82	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	724,276.75	8,162,286.14	212,374,124.13	5

UNIT SHUTDOWNS

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

SUMMARY Began the Month @ 100% Power, 1023 MWe. On 12-6-12 @ 0549, commence ramp to 98% power due to U2 PCS calorimetric program no longer updating. On 12-6-12@ 0700, 97% Power, 988 MWe. On 12-6-12@ 1340, commence ramp to 100% power. On 12-6-12@ 1900, 99.5 % Power, 1021 MWe. Ended the Month @ 100% Power, 1026 MWe.

DOCKET:	269		PREPAR	ER NAME:	Judy Smith
UNIT_NME: RPT_PERIOD:	Oconee Unit 1 201210		PREPAR	ER TELEPHONE:	864-873-4309
-					
 Design Electrical Rating: 		886			
2. Maximum Depe	endable Capacity (MWe-Net)	846			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	623.38	7,152.48	279,935.95	
4. Number of Hou	irs Generator On-line	622.20	7,135.87	275,933.60	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	525,736.00	6,058,146.00	227,182,012.00	

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
3	10/26/2012	S	121.80	С	1	o1eoc27 shutdown

SUMMARY 10/26/1219:00Began power reduction from 99.9% FP per OP/1/A/1102/004 (Operations at Power) for End of cycle 27 refueling outage. 10/26/1221:42Paused power reduction at 19% FP per OP/1/A/1102/010 (Controlling procedure for Unit Shutdown) 10/26/1222:12Turbine Offline.

10/26/1222:21Resumed power reduction from 19% FP per OP/1/A/1102/010.

10/26/1223:04Paused power reduction due to procedural hold at 7% FP per OP/1/A/1102/010.

10/26/1223:10Resumed power reduction from 7% FP per OP/1/A/1102/010.

10/26/1223:23Manually Tripped Reactor per OP/1/A/1102/010.

DOCKET:	269		PREPAR	ER NAME:	Judy Smith
UNIT_NME: RPT_PERIOD:	Oconee Unit 1 201211		PREPAR	ER TELEPHONE:	864-873-4309
_					
 Design Electric 	al Rating:	886			
2. Maximum Depe	endable Capacity (MWe-Net)	846			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	45.03	7,197.51	279,980.98	
4. Number of Hou	irs Generator On-line	23.57	7,159.44	275,957.17	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	3,526.00	6,061,672.00	227,185,538.00	
6. Net Electrical e	energy Generated (MWHrs)	3,526.00	6,061,672.00	227,185,538.00	

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
3	10/26/2012	S	695.88	С	4	o1eoc27 shutdown
1	11/30/2012	S	0.55	В	5	turbine overspeed testing

SUMMARY 11/29/1202:58Unit 1 Reactor Critical.

11/29/1217:22Began power escalation from critical per OP/1/A/1102/001 (Controlling procedure for Unit startup).

11/29/1217:30Paused power escalation at 3.6% FP per OP/1/A/1102/001 to place ICS in auto.

11/29/1218:53Resumed power escalation from 3.6% FP per OP/1/A/1102/001.

11/29/1219:10Paused power escalation at 6.9% FP per OP/1/A/1102/001 for procedural hold.

11/29/1219:22Resumed power escalation from 6.9% FP per OP/1/A/1102/001.

11/29/1220:07Paused power escalation at 15.8% FP per OP/1/A/1102/001 for procedural hold.

11/29/1220:22Resumed power escalation from 15.8% FP per OP/1/A/1102/001.

11/29/1220:42Paused power escalation at 19.7% FP per OP/1/A/1102/001 for procedural hold.

11/30/1223:53Turbine Online.

11/30/1204:05Turbine Offline to perform turbine overpower trip testing.

11/30/1204:38Turbine Online.

11/30/1205:46Resumed power escalation from 19.7% FP per OP/1/A/1102/004

11/30/1206:13Paused power escalation at 25%FP per OP/1/A/1102/004 (Operations at Power) to perform NI Calibration. (after NI calibration, reactor power is now indicated to be 26% FP)

11/30/1210:06Resumed power escalation from 26%FP per OP/1/A/1102/004

11/30/1212:05Paused power escalation at 49% Fp per OP/1/A/1102/004 to change rate of power escalation.

11/30/1212:09Resumed power escalation from 50% FP per OP/1/A/1102/004

11/30/1214:35Paused power escalation at 60%FP per OP/1/A/1102/004 to restore ES (emergency safeguards) subsystem 1 to normal per OP/1/A/1105/014 and to test main feedwater pump control circuits.

11/30/1214:48Began power reduction from 60% FP per OP/1/A/1102/004 to test main FDW (Feedwater) pump Control Circuits.

11/30/1214:49stopped power escalation at 50% FP per OP/1/A/1102/004.

11/30/1216:06Began power escalation from 50% FP per OP/1/A/1102/004.

11/30/1221:02Paused power escalation at 73% Fp per OP/1/A/1102/004 to perform PIDC (Power Imbalance Detector Correlation) Testing per PT/0/A/0811/001 (Power Escalation Test) and for an NI Calibration.

DOCKET:	269		PREPAR	ER NAME:	Judy Smith
UNIT_NME: RPT_PERIOD:	Oconee Unit 1 201212		PREPAR	ER TELEPHONE:	864-873-4309
1. Design Electric	al Rating:	886			
2. Maximum Depe	endable Capacity (MWe-Net)	846			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,941.51	280,724.98	
4. Number of Hou	rs Generator On-line	744.00	7,903.44	276,701.17	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	640,302.00	6,701,974.00	227,825,840.00)

UNIT SHUTDOWNS

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

DOCKET:	270		PREPAR	ER NAME:	Judy Smith
UNIT_NME: RPT_PERIOD:	Oconee Unit 2 201210		PREPAR	ER TELEPHONE:	864-873-4309
1. Design Electric	al Rating:	886			
2. Maximum Depe	endable Capacity (MWe-Net)	846			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,301.27	280,719.45	
4. Number of Hou	rs Generator On-line	744.00	7,291.80	277,613.32	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	636,957.00	6,265,037.00	228,660,951.00	

UNIT SHUTDOWNS

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

DOCKET:	270		PREPAR	ER NAME:	Judy Smith
UNIT_NME: RPT_PERIOD:	Oconee Unit 2 201211		PREPAR	ER TELEPHONE:	864-873-4309
1. Design Electric	al Rating: endable Capacity (MWe-Net)	886 846			
2. Maximum Depe	endable Capacity (MWe-Net)		Ve to Data	Currenteting	
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	721.00	8,022.27	281,440.45	
4. Number of Hou	rs Generator On-line	721.00	8,012.80	278,334.32	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	624,281.00	6,889,318.00	229,285,232.00)

UNIT SHUTDOWNS

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

DOCKET:	270		PREPAR	ER NAME:	Judy Smith
UNIT_NME: RPT_PERIOD:	Oconee Unit 2 201212		PREPAR	ER TELEPHONE:	864-873-4309
1. Design Electric	al Rating:	886			
2. Maximum Depe	endable Capacity (MWe-Net)	846			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	8,766.27	282,184.45	
4. Number of Hou	rs Generator On-line	744.00	8,756.80	279,078.32	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	647,687.00	7,537,005.00	229,932,919.00	

UNIT SHUTDOWNS

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

DOCKET:	287		PREPAR	ER NAME:	Judy Smith
UNIT_NME: RPT_PERIOD:	Oconee Unit 3 201210		PREPAR	ER TELEPHONE:	864-873-4309
1. Design Electric	al Rating:	886			
2. Maximum Depe	endable Capacity (MWe-Net)	846			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	6,031.40	272,873.95	
4. Number of Hou	rs Generator On-line	744.00	6,005.50	269,661.16	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	644,439.00	5,129,149.00	225,436,651.00	

UNIT SHUTDOWNS

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

DOCKET:	287		PREPAR	ER NAME:	Judy Smith
UNIT_NME: RPT_PERIOD:	Oconee Unit 3 201211		PREPAR	ER TELEPHONE:	864-873-4309
1. Design Electric	al Rating:	886			
2. Maximum Depe	endable Capacity (MWe-Net)	846			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	721.00	6,752.40	273,594.95	
4. Number of Hou	rs Generator On-line	721.00	6,726.50	270,382.16	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	630,549.00	5,759,698.00	226,067,200.00	

UNIT SHUTDOWNS

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

DOCKET:	287		PREPAR	ER NAME:	Judy Smith
UNIT_NME: RPT_PERIOD:	Oconee Unit 3 201212		PREPAR	ER TELEPHONE:	864-873-4309
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	886 846			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,496.40	274,338.95	
4. Number of Hou	rs Generator On-line	744.00	7,470.50	271,126.16	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	652,211.00	6,411,909.00	226,719,411.00	

UNIT SHUTDOWNS

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

DOCKET:	219		PREPAR	RER NAME:	L. Velez
UNIT_NME: RPT_PERIOD:	Oyster Creek Unit 1 201210		PREPAR	RER TELEPHONE:	609-971-4410
1. Design Electric	al Rating:	650			
2. Maximum Dep	endable Capacity (MWe-Net)	619			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	507.92	7,002.67	291,462.21	
4. Number of Hou	irs Generator On-line	504.07	6,970.65	286,512.57	
5. Reserve Shutd	own Hours	0.00	0.00	918.20	
6. Net Electrical e	energy Generated (MWHrs)	308,423.00	4,292,411.00	166,177,332.40	

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
1R24	10/22/2012	S	239.93	С		

SUMMARY \The Oyster Creek Planned Energy losses for the month of October were 162,101 MWh. This was due to the following:

1) Rod for Flow Swap, performed on 10/1/12, 10/5/12 (376 MWh)

2) Main Condenser Backwash (30.9 MWh)
3) Placing the RWCU filter I/S (24.8 MWh)

4)1R24 Refueling Outage (161,669.3 MWh)

	PREPAR	ER NAME:	L. Velez
	PREPAR	ER TELEPHONE:	609-971-4410
650			
619			
This Month	Yr-to-Date	Cumulative	
26.75	7,029.42	291,488.96	
0.00	6,970.65	286,512.57	
0.00	0.00	918.20	
0.00	4,292,411.00	166,177,332.40	
	619 This Month 26.75 0.00 0.00	650 619 This Month Yr-to-Date 26.75 7,029.42 0.00 6,970.65 0.00 0.00	This Month Yr-to-Date Cumulative 26.75 7,029.42 291,488.96 0.00 6,970.65 286,512.57 0.00 0.00 918.20

UNIT SHUTDOWNS

		Туре			Method of	
No.	Date	F: Forced S: Scheduled	Duration (Hours)	Reason 1	Shutting Down 2	Cause - Corrective Action Comments
1R24	10/22/2012	S	720.00	С	4	

SUMMARY There was no forced loss generation for the month of November.

The Oyster Creek Planned Energy losses for the month of November were 297,050 MWh. This was due to Refueling Outage 1R24. Other generation losses (171,600 MWh) were associated with the outage extension due to repairs to the N9 nozzle.

DOCKET: 219		PREPAR	ER NAME:	L. Velez
UNIT_NME: Oyster Creek Unit 1 RPT_PERIOD: 201212		PREPAR	ER TELEPHONE:	609-971-4410
1. Design Electrical Rating:	650			
2. Maximum Dependable Capacity (MWe-I	Net) 619			
	This Month	Yr-to-Date	Cumulative	
3. Number of Hours the Reactor was Critic	al 744.00	7,773.42	292,232.96	
4. Number of Hours Generator On-line	693.42	7,664.07	287,205.99	
5. Reserve Shutdown Hours	0.00	0.00	918.20	
6. Net Electrical energy Generated (MWHr	s) 425,781.00	4,718,192.00	166,603,113.40	

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
1R24	10/22/2012	S	50.58	С	4	

SUMMARY The unplanned loss generation for the month of December was 570.1 MWh, incurred on 12/5/2012 due to #1 Bypass valve being open as documented under IR 1448440. The FLR end of year is currently 0.36, favorably above the goal of 0.5.

The Oyster Creek Planned Energy losses for the month of December were 494.8 MWh. This was due to Turbine Bypass Valve testing performed during the month. Other losses were associated with the 1R24 outage extension.

DOCKET: UNIT_NME: RPT_PERIOD:	255 Palisades Unit 1 201210			RER NAME: RER TELEPHONE:	R. Levack 269-764-2068
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	805 744			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	744.00	5,362.58	246,510.91	
4. Number of Hou	rs Generator On-line	744.00	5,309.27	240,363.60	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	598,924.00	4,056,380.21	171,855,193.76	;

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 for the month of October 2012.

DOCKET:	255		PREPAR	ER NAME:	GT Wiggins
UNIT_NME: RPT_PERIOD:	Palisades Unit 1 201211		PREPAR	ER TELEPHONE:	269-764-2497
1. Design Electric	al Rating:	805			
2. Maximum Depe	endable Capacity (MWe-Net)	744			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	663.48	6,026.06	247,174.39	
4. Number of Hou	rs Generator On-line	652.20	5,961.47	241,015.80	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	516,978.00	4,573,358.21	172,372,171.76	

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
5	11/4/2012	F	68.80	A	1	The plant shutdown to repair a non-isolable steam leak upstream of a drain valve for an Atmospheric Steam Dump Valve. This is ASME Class II high energy piping that is required to be Operable per technical specifications.

SUMMARY The plant shutdown on 11/04/2012 to repair a non-isolable steam leak upstream of a drain valve for an Atmospheric Steam Dump Valve. This is ASME Class II high energy piping that is required to be Operable per technical specifications. The plant was taken offline at 16:21 on 11/04/2012 and returned to service on 11/07/2012 at 13:09.

DOCKET:	255		PREPAR	RER NAME:	R. Levack
UNIT_NME: RPT_PERIOD:	Palisades Unit 1 201212		PREPAR	ER TELEPHONE:	269-764-2068
1. Design Electric	al Rating:	805			
2. Maximum Depe	endable Capacity (MWe-Net)	744			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	6,770.06	247,918.39	
4. Number of Hou	rs Generator On-line	744.00	6,705.47	241,759.80	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	604,855.00	5,178,213.21	172,977,026.76	i

UNIT SHUTDOWNS

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

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

DOCKET: UNIT_NME: RPT_PERIOD:	528 Palo Verde Unit 1 201210			ER NAME: ER TELEPHONE:	Tom Mock 623-393-2656
 Design Electrica Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	1333 1311			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,320.00	187,658.81	
4. Number of Hou	rs Generator On-line	744.00	7,320.00	185,649.08	
5. Reserve Shutdo	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	980,916.95	9,542,294.87	226,331,393.16	

UNIT SHUTDOWNS

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

DOCKET: UNIT_NME: RPT_PERIOD:	528 Palo Verde Unit 1 201211			ER NAME: ER TELEPHONE:	Tom Mock 623-393-2656
 Design Electric Maximum Deperture 	al Rating: endable Capacity (MWe-Net)	1333 1311			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	720.00	8,040.00	188,378.81	
4. Number of Hou	rs Generator On-line	720.00	8,040.00	186,369.08	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	952,323.28	10,494,618.15	227,283,716.44	
			PINOUTIN		

UNIT SHUTDOWNS

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

DOCKET: UNIT_NME: RPT_PERIOD:	528 Palo Verde Unit 1 201212			ER NAME: ER TELEPHONE:	Tom Mock 623-393-2656
 Design Electrica Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	1333 1311			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	8,784.00	189,122.81	
4. Number of Hou	rs Generator On-line	744.00	8,784.00	187,113.08	
5. Reserve Shutdo	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	987,556.51	11,482,174.66	228,271,272.95	i

UNIT SHUTDOWNS

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

DOCKET:	529		PREPAR	ER NAME:	Tom Mock
UNIT_NME: RPT_PERIOD:	Palo Verde Unit 2 201210		PREPAR	ER TELEPHONE:	623-393-2656
-					
 Design Electric 	al Rating:	1336			
2. Maximum Depe	endable Capacity (MWe-Net)	1314			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	120.00	6,696.00	189,822.40	
4. Number of Hou	irs Generator On-line	120.00	6,696.00	187,946.10	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	128,611.16	8,793,408.98	235,244,496.90	1
		_			

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
12-01	10/6/2012	S	624.00	С	1	Manually tripped the RX to commence 17th refueling outage.

SUMMARY The unit began the month with reactor power at 87.4% with the end of fuel cycle coastdown in progress. On October 5th at 2047 the unit began a planned RX power decrease to shutdown the RX for refueling. The RX was manually tripped on October 6th at 0000 to commence the R17 refueling outage. The unit entered Mode 4 and Mode 5 on October 6th. The unit entered Mode 6 on October 11th and entered defueled status on October 15th. On October 21st the unit re-entered Mode 6 and entered Mode 5 on October 26th. The unit ended the month in Mode 5 with the refueling outage in progress.

DOCKET: 529		PREPAR	ER NAME:	Tom Mock
UNIT_NME: Palo Verde Unit 2 RPT_PERIOD: 201211		PREPAR	ER TELEPHONE:	623-393-2656
 Design Electrical Rating: Maximum Dependable Capacity (MWe-Net) 	1336 1314			
	This Month	Yr-to-Date	Cumulative	
3. Number of Hours the Reactor was Critical	561.38	7,257.38	190,383.78	
4. Number of Hours Generator On-line	517.13	7,213.13	188,463.23	
5. Reserve Shutdown Hours	0.00	0.00	0.00	
6. Net Electrical energy Generated (MWHrs)	569,101.32	9,362,510.30	235,813,598.22	

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
12-2	11/9/2012	S	1.32	В	5	Planned main turbine overspeed testing.
12-01	10/6/2012	S	201.55	С	4	Manually tripped the RX to commence 17th refueling outage.

SUMMARY The unit began the month in Mode 5 with refueling outage 17 in progress. Mode 4 was achieved on Nov. 1st and Mode 3 on November 2nd. Later on the 2nd the unit began a cool down to Mode 5 due to an emergent issue on the steam supply valve for the auxiliary feedwater turbine. The unit entered Mode 4 and later Mode 5 on Nov. 3rd. The unit re-entered Mode 4 late in the day on Nov 3rd and Mode 3 on Nov 4th. On November 7th the unit entered Mode 2, and was taken critical at 1437, and entered Mode 1. The unit was synchronized to the grid at 0933 on November 9th for turbine warm-up in preparation for planned overspeed testing and was taken off-line at 1557 for the test. Testing was completed successfully and the unit was re-synchronized to the grid at 1716. Unit was held at 40% reactor power for 2 days for condenser tube leak detection and plugging. The unit reached full power on November 15th at 0427 and ended the month in Mode 1 with the reactor at full power.

DOCKET:	529		PREPAR	ER NAME:	Tom Mock
UNIT_NME: RPT_PERIOD:	Palo Verde Unit 2 201212		PREPARI	ER TELEPHONE:	623-393-2656
1. Design Electrica	al Rating:	1336			
2. Maximum Depe	endable Capacity (MWe-Net)	1314			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	8,001.38	191,127.78	
4. Number of Hou	rs Generator On-line	744.00	7,957.13	189,207.23	
5. Reserve Shutdo	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	995,564.42	10,358,074.72	236,809,162.64	Ļ

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 and ended the month in Mode 1 with the reactor at full power.

DOCKET:	530		PREPAR	ER NAME:	Tom Mock
UNIT_NME: RPT_PERIOD:	Palo Verde Unit 3 201210		PREPAR	ER TELEPHONE:	623-393-2656
-					
 Design Electric 	al Rating:	1334			
2. Maximum Dep	endable Capacity (MWe-Net)	1312			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	576.25	6,427.57	184,707.73	
4. Number of Hou	irs Generator On-line	573.57	6,344.69	182,960.29	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	751,093.56	8,190,498.40	226,765,472.46	

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
12-04	10/24/2012	F	170.43	A	1	Controlled shutdown to replace the Letdown Backpressure Control Valve (CH-240) after trending and monitoring detected a change in the valve packing leak rate.

SUMMARY The unit began the month in Mode 1 with the reactor at full power. On October 24th at 1733 the unit began an unplanned downpower to take the unit offline to replace the Letdown Backpressure Control Valve (CH-240) and was manually tripped from 22% at 2134. The unit entered Mode 4 and Mode 5 on October 25th. The unit re-entered Mode 4 on October 29th and Mode 3 on October 30th. On October 31 the unit entered Mode 2 and went critical at 2119. The unit ended the month with RX critical and power at approximately 0.5%.

DOCKET:	530		PREPAR	ER NAME:	Tom Mock
UNIT_NME: RPT_PERIOD:	Palo Verde Unit 3 201211		PREPAR	ER TELEPHONE:	623-393-2656
– 1. Design Electric	al Rating: endable Capacity (MWe-Net)	1334 1312			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	720.00	7,147.57	185,427.73	
4. Number of Hou	rs Generator On-line	709.08	7,053.77	183,669.37	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	915,993.02	9,106,491.42	227,681,465.48	ł

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
12-04	10/24/2012	F	10.92	A	4	Controlled shutdown to replace the Letdown Backpressure Control Valve (CH-240) after trending and monitoring detected a change in the valve packing leak rate.

SUMMARY The unit began the month with the reactor critical and power at approximately 0.5% in recovery from the unplanned outage to replace the Letdown Backpressure Control Valve (CH-240). The unit entered Mode 1 on November 1st and synchronized to the grid at 1055 the same day. On November 2nd at 1520 the unit reached full power. The unit ended the month in Mode 1 with the reactor at full power.

DOCKET:	530			PREPARE	R NAME:	Tom Mock
UNIT_NME: RPT_PERIOD:	Palo Verde Unit 3 201212			PREPARE	R TELEPHONE:	623-393-2656
1. Design Electrica	al Rating:	1334				
2. Maximum Depe	endable Capacity (MWe-Net)	1312				
		This M	lonth Yr-t	o-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,89	91.57	186,171.73	
4. Number of Hou	rs Generator On-line	744.00	7,79	97.77	184,413.37	
5. Reserve Shutdo	own Hours	0.00	0.00)	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	987,17	5.70 10,0	93,667.12	228,668,641.18	

UNIT SHUTDOWNS

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

DOCKET:	277		PREPAR	ER NAME:	Dana Supplee
UNIT_NME: RPT_PERIOD:	Peach Bottom Unit 2 201210		PREPAR	ER TELEPHONE:	(717) 456-4014
1. Design Electric	al Rating:	1138			
2. Maximum Dependable Capacity (MWe-Net)		1112			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	332.57	6,401.44	263,555.94	
4. Number of Hou	rs Generator On-line	300.37	6,367.37	258,818.29	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	307,693.10	6,932,176.80	265,330,166.00	

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
P2R19	9/9/2012	S	443.63	С	4	At 14:01 on September 9th, Unit 2 began a power reduction from 76.4% CTP to enter the refuel outage. At 20:00 on September 9th, the Unit 2 generator was tripped. At 21:52 the Unit 2 reactor was manually scrammed.
						On October18, 2012 at 03:26, the Unit 2 Reactor was taken critical.
						On October 19, 2012 at 04:26, the Unit 2 Generator was synchronized to the grid for the first time to perform turbine overspeed trip testing. At 09:41 overspeed trip testing of the Main Turbine was performed. The Generator was synchronized to the grid for the 2nd time at 11:38 on 10/19/12. The unit was returned to 100% power on October 21, 2012 at 19:41.

SUMMARY Unit 2 began the month of October at 0% of maximum allowable power (3514 MWth) due to refuel outage activities.

On October18, 2012 at 03:26, the Unit 2 Reactor was taken critical.

On October 19, 2012 at 04:26, the Unit 2 Generator was synchronized to the grid for the first time to perform turbine overspeed trip testing. At 09:41 overspeed trip testing of the Main Turbine was performed. The Generator was synchronized to the grid for the 2nd time at 11:38 on 10/19/12. The unit was returned to 100% power on October 21, 2012 at 19:41.

Unit 2 coasted to 95.6% power on October 22, 2012 at 23:01 when a load reduction for a follow up rod pattern adjustment commenced to 75.0% CTP. Min power level was reached on October 22, 2012 at 23:33. The unit returned to 100% CTP on October 23, 2012 at 02:56.

Unit 2 ended the month of October at 100% of maximum allowable power (3514 MWth).

DOCKET:	277		PREPAR	ER NAME:	Brad Deihl
UNIT_NME: RPT_PERIOD:	Peach Bottom Unit 2 201211		PREPAR	ER TELEPHONE:	717-456-4420
1. Design Electric	al Rating:	1138			
2. Maximum Depe	endable Capacity (MWe-Net)	1112			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	721.00	7,122.44	264,276.94	
4. Number of Hou	rs Generator On-line	721.00	7,088.37	259,539.29	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	856,066.00	7,788,242.80	266,186,232.00	1

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 began the month of November at 100% of maximum allowable power (3514 MWth).

On November 9, 2012 at 23:06, Unit 2 commenced a planned load reduction to 91.6% CTP for Rod Pattern Adjustment. Min power was reached on November 9th at 23:32. The unit was returned to 100% power on November 10, 2012 at 00:30.

Unit 2 ended the month of November at 100% of maximum allowable power (3514 MWth).

DOCKET:	277		PREPAR	ER NAME:	Brad Deihl
UNIT_NME: RPT_PERIOD:	Peach Bottom Unit 2 201212		PREPAR	ER TELEPHONE:	717-456-4420
1. Design Electric	0	1138			
2. Maximum Depe	endable Capacity (MWe-Net)	1112			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,866.44	265,020.94	
4. Number of Hou	rs Generator On-line	744.00	7,832.37	260,283.29	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	882,837.20	8,671,080.00	267,069,069.20	

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 began the month of December at 100% of maximum allowable power (3514 MWth).

Unit 2 ended the month of December at 100% of maximum allowable power (3514 MWth).

DOCKET:	278		PREPAR	ER NAME:	Dana Supplee
UNIT_NME: RPT_PERIOD:	Peach Bottom Unit 3 201210		PREPAR	ER TELEPHONE:	(717) 456-4014
1. Design Electric	al Rating:	1179			
2. Maximum Depe	endable Capacity (MWe-Net)	1095			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,319.00	262,961.28	
4. Number of Hou	rs Generator On-line	744.00	7,319.00	258,710.72	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	869,118.80	8,418,547.50	264,407,255.70	

UNIT SHUTDOWNS

		Туре			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 October at 99.97% of maximum allowable power (3514 MWth).

There were no load reductions or outages on Unit 3 during the month of October 2012.

Unit 3 ended the month of October at 99.97% of maximum allowable power (3514 MWth). Unit 3 is limited to a maximum allowable power level of 3513 MWth (99.97%) due to Leading Edge Flow Meter (LEFM) imposed restrictions.

DOCKET:	278		PREPAR	ER NAME:	Brad Deihl
UNIT_NME: RPT_PERIOD:	Peach Bottom Unit 3 201211		PREPAR	ER TELEPHONE:	717-456-4420
1. Design Electric	al Rating:	1179			
2. Maximum Depe	endable Capacity (MWe-Net)	1095			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	721.00	8,040.00	263,682.28	
4. Number of Hou	rs Generator On-line	721.00	8,040.00	259,431.72	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	849,666.00	9,268,213.50	265,256,921.70	

UNIT SHUTDOWNS

		Туре			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 November at 99.97% of maximum allowable power (3514 MWth).

On November 10, 2012 at 23:00, Unit 3 commenced a planned load reduction to 64.3% CTP for Rod Pattern Adjustment, RFP HPU work, TCV oscillations. Min power was reached on November 11th at 03:17. The unit was returned to 99.97% power on November 11, 2012 at 11:00.

Unit 3 ended the month of November at 99.97% of maximum allowable power (3514 MWth). Unit 3 is limited to a maximum allowable power level of 3513 MWth (99.97%) due to Leading Edge Flow Meter (LEFM) imposed restrictions.

DOCKET:	278		PREPARI	ER NAME:	Brad Deihl
UNIT_NME: RPT_PERIOD:	Peach Bottom Unit 3 201212		PREPARI	ER TELEPHONE:	717-456-4420
1. Design Electrica	al Rating:	1179			
2. Maximum Depe	endable Capacity (MWe-Net)	1095			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	8,784.00	264,426.28	
4. Number of Hou	rs Generator On-line	744.00	8,784.00	260,175.72	
5. Reserve Shutdo	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	880,137.20	10,148,350.70	266,137,058.90	

UNIT SHUTDOWNS

		Туре			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 December at 99.97% of maximum allowable power (3513 MWth).

Unit 3 ended the month of December at 99.97% of maximum allowable power (3513 MWth). Unit 3 is limited to a maximum allowable power level of 3513 MWth (99.97%) due to Leading Edge Flow Meter (LEFM) imposed restrictions.

DOCKET: UNIT_NME: RPT_PERIOD:	440 Perry Unit 1 201210			ER NAME: ER TELEPHONE:	T. Phelps 440-280-7660
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	1268 1240			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,194.63	180,753.88	
4. Number of Hou	rs Generator On-line	744.00	7,143.12	177,199.09	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	926,623.50	8,652,378.20	207,699,887.40	1

UNIT SHUTDOWNS

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

SUMMARY THe Perry Nuclear Power Plant ran the entire month of October, 2012

DOCKET:	440		PREPAR	RER NAME:	T. Phelps
UNIT_NME: RPT_PERIOD:	Perry Unit 1 201211		PREPAR	ER TELEPHONE:	440-280-7660
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	1268 1240			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	721.00	7,915.63	181,474.88	
4. Number of Hou	rs Generator On-line	721.00	7,864.12	177,920.09	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	911,516.70	9,563,894.90	208,611,404.10)

UNIT SHUTDOWNS

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

SUMMARY The Perry Nuclear Power Plant was on line the entire month of November 2012.

DOCKET:	440		PREPARI	ER NAME:	T. Phelps
UNIT_NME: RPT_PERIOD:	Perry Unit 1 201212		PREPARI	ER TELEPHONE:	440-280-7660
1. Design Electric	al Rating: endable Capacity (MWe-Net)	1268 1240			
2. Maximum Depe	endable Capacity (MWe-Net)	This Month	Yr-to-Date	Cumulative	
			11-10-Dale	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	8,659.63	182,218.88	
4. Number of Hou	rs Generator On-line	744.00	8,608.12	178,664.09	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	926,405.40	10,490,300.30	209,537,809.50	

UNIT SHUTDOWNS

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

SUMMARY The Perry Nuclear Power Plant was on line the entire month of December 2012.

DOCKET:	293 Dilarim I Init 4			ER NAME:	Brent Lyons
UNIT_NME: RPT_PERIOD:	Pilgrim Unit 1 201210		PREPAR	ER TELEPHONE:	508-830-8270
1. Design Electric	al Rating:	690			
2. Maximum Depe	endable Capacity (MWe-Net)	684.7			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,262.85	264,247.94	
4. Number of Hou	rs Generator On-line	744.00	7,249.33	261,686.58	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	505,012.00	4,886,174.00	161,169,098.53	3

UNIT SHUTDOWNS

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

SUMMARY The period began and ended with the unit on line, operating at 100% reactor power (2028 MWt). There were no power reductions during this reporting period.

DOCKET:	293		PREPAR	ER NAME:	Brent Lyons
UNIT_NME: RPT_PERIOD:	Pilgrim Unit 1 201211		PREPAR	ER TELEPHONE:	508-830-8270
1. Design Electric	al Rating:	690			
2. Maximum Depe	endable Capacity (MWe-Net)	684.7			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	721.00	7,983.85	264,968.94	
4. Number of Hou	irs Generator On-line	721.00	7,970.33	262,407.58	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	483,191.00	5,369,365.00	161,652,289.53	5

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 reporting period operating at 100% (2028 MWt) reactor power. On November 6th, 2012 at 06.24, Pilgrim commenced a planned downpower to perform a Main Condenser Thermal Backwash. The minimum power achieved during the evolution was 43%. Pilgrim returned to 100% (2028 MWth) power on November 7th, 2012 at 12:18. On November 9th at 08:39, Pilgrim commenced a planned power reduction for a control rod pattern adjustment. The minimum power level achieved was approximately 84.5%. Pilgrim returned to 100% (2028 MWth) power on November 7th, 2012 at 15:00 November 9th at 08:39, Pilgrim returned to 100% (2028 MWth) power on November 7th, 2012 at 12:18. On November 9th at 08:39, Pilgrim returned to 100% (2028 MWth) power on November 7th, 2012 at 12:18. On November 9th at 08:39, Pilgrim returned to 100% (2028 MWth) power on November 7th, 2012 at 12:18. On November 9th at 08:39, Pilgrim returned to 100% (2028 MWth) power on November 7th, 2012 at 12:18. On November 9th at 08:39, Pilgrim commenced a planned power reduction for a control rod pattern adjustment. The minimum power level achieved was approximately 84.5%. Pilgrim returned to 100% (2028 MWth) power on November 9th, 2012 at 15:27. The reactor operated at 100% (2028MWt) for the remainder of the reporting period.

DOCKET:	293		PREPAR	ER NAME:	Brent Lyons
UNIT_NME:	Pilgrim Unit 1		PREPAR	RER TELEPHONE:	508-830-8270
RPT_PERIOD:	201212				
1. Design Electric	al Rating:	690			
2. Maximum Depe	endable Capacity (MWe-Net)	684.7			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	744.00	8,727.85	265,712.94	
4. Number of Hou	rs Generator On-line	744.00	8,714.33	263,151.58	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	507,284.00	5,876,649.00	162,159,573.53	3
		UNIT S	HUTDOWNS		

		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 reporting period operating at 100% (2028 MWt) reactor power. On December 18th, 2012 at 08:00, Pilgrim commenced a planned downpower to perform a control rod pattern exchange. The minimum power achieved during the evolution was 62.2%. Pilgrim returned to 100% (2028 MWth) power on December 18th, 2012 at 15:10. The reactor operated at 100% (2028MWt) for the remainder of the reporting period.

DOCKET:	266		PREPAR	ER NAME:	Roger Clark
UNIT_NME: RPT_PERIOD:	Point Beach Unit 1 201210		PREPAR	ER TELEPHONE:	920-755-7464
1. Design Electric	0	615			
2. Maximum Depe	endable Capacity (MWe-Net)	576			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,287.23	309,529.19	
4. Number of Hou	rs Generator On-line	744.00	7,272.10	305,584.12	
5. Reserve Shutdo	own Hours	0.00	0.00	846.90	
6. Net Electrical e	nergy Generated (MWHrs)	444,315.00	4,275,335.50	145,115,291.50	1

UNIT SHUTDOWNS

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

DOCKET:	266		PREPAR	ER NAME:	Roger Clark
UNIT_NME: RPT_PERIOD:	Point Beach Unit 1 201211		PREPAR	ER TELEPHONE:	920-755-7464
 Design Electrica Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	615 576			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	721.00	8,008.23	310,250.19	
4. Number of Hou	rs Generator On-line	721.00	7,993.10	306,305.12	
5. Reserve Shutdo	own Hours	0.00	0.00	846.90	
6. Net Electrical e	nergy Generated (MWHrs)	432,312.10	4,707,647.60	145,547,603.60	1

UNIT SHUTDOWNS

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

DOCKET:	266		PREPAR	ER NAME:	Roger Clark
UNIT_NME: RPT_PERIOD:	Point Beach Unit 1 201212		PREPAR	ER TELEPHONE:	920-755-7464
-					
 Design Electrica 	al Rating:	615			
2. Maximum Depe	endable Capacity (MWe-Net)	576			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	8,752.23	310,994.19	
4. Number of Hou	rs Generator On-line	744.00	8,737.10	307,049.12	
5. Reserve Shutdo	own Hours	0.00	0.00	846.90	
6. Net Electrical e	nergy Generated (MWHrs)	446,778.20	5,154,425.80	145,994,381.80	

UNIT SHUTDOWNS

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

DOCKET:	301		PREPAR	ER NAME:	Roger Clark
UNIT_NME: RPT_PERIOD:	Point Beach Unit 2 201210		PREPAR	ER TELEPHONE:	920-755-7464
-		045			
1. Design Electric	0	615			
2. Maximum Depe	endable Capacity (MWe-Net)	578			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,197.75	302,568.27	
4. Number of Hou	rs Generator On-line	744.00	7,182.29	299,069.23	
5. Reserve Shutdo	own Hours	0.00	0.00	302.20	
6. Net Electrical e	nergy Generated (MWHrs)	444,579.00	4,202,903.00	144,648,424.10	1

UNIT SHUTDOWNS

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

DOCKET: 301			PREPAR	ER NAME:	Roger Clark
UNIT_NME: RPT_PERIOD:	Point Beach Unit 2 201211		PREPAR	ER TELEPHONE:	920-755-7464
-		045			
1. Design Electric	endable Capacity (MWe-Net)	615 578			
		This Month	Yr-to-Date	Cumulative	
		This Month	Tr-lo-Dale	Cumulative	
3. Number of Hou	irs the Reactor was Critical	28.53	7,226.28	302,596.80	
4. Number of Hou	irs Generator On-line	10.60	7,192.89	299,079.83	
5. Reserve Shutd	own Hours	0.00	0.00	302.20	
6. Net Electrical e	energy Generated (MWHrs)	918.30	4,203,821.30	144,649,342.40	
		UNIT SI	HUTDOWNS		

Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Shutting Down 2	Cause - Corrective Action Comments
1/1/2012	S	709.40	С	1	Unit 2 shutdown for planned refueling outage.
1.		Date S: Scheduled	Date S: Scheduled (Hours)	Date S: Scheduled (Hours) Reason 1	DateS: Scheduled(Hours)Reason 1Down 2

SUMMARY In a refueling outage.

DOCKET:	301		PREPAR	ER NAME:	Roger Clark
UNIT_NME: RPT_PERIOD:	Point Beach Unit 2 201212		PREPAR	ER TELEPHONE:	920-755-7464
1. Design Electrica		615			
0	endable Capacity (MWe-Net)	578			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,970.28	303,340.80	
4. Number of Hou	rs Generator On-line	744.00	7,936.89	299,823.83	
5. Reserve Shutdo	own Hours	0.00	0.00	302.20	
6. Net Electrical er	nergy Generated (MWHrs)	429,968.20	4,633,789.50	145,079,310.60	

UNIT SHUTDOWNS

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

DOCKE UNIT_N RPT_P		282 Prairie Island Unit 1 201210				ARER N ARER 1	iame: 'Elephone:	Thomas Scheibel 651-388-1121 X4355	
	ign Electrica imum Depe	al Rating: ndable Capacity (MWe-Ne	557 t) 522.1						
			Th	is Month	Yr-to-Date	C	umulative		
3. Number of Hours the Reactor was Critical			53	0.00	6,992.92	2	99,293.09		
4. Number of Hours Generator On-line		52	528.33		2	96,750.43	96,750.43		
5. Res	erve Shutdo	own Hours	0.0	0	0.00	0	.00		
6. Net	Electrical e	nergy Generated (MWHrs)	284	4,238.00	3,705,980.00	1	50,458,230.00)	
				UNIT SH		S			
		Туре			Meth	nod of			
		F: Forced	Duration		Shu	itting	Cau	se - Corrective Action	
No.	Date	S: Scheduled	(Hours)	Reason	1 Do	wn 2		Comments	
1R28	10/23/201	2 S	215.67	С	1			ed 1R28 Refueling Outage on 10/23/12 h opening of Unit 1 Generator Output er 1C1.3	

SUMMARY Unit 1 was base loaded during October 2012. Scheduled Refueling Outage 1R28 began on 10/23/12.

DOCKET: UNIT_NME: RPT_PERIOD:	282 Prairie Island Unit 1 201211			ER NAME: ER TELEPHONE:	Thomas Scheibel 651-388-1121 X4355
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	557 522.1			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	0.00	6,992.92	299,293.09	
4. Number of Hou	irs Generator On-line	0.00	6,961.86	296,750.43	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	0.00	3,705,980.00	150,458,230.00)
		UNIT SI	HUTDOWNS		

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
1R28	10/23/2012	S	720.00	С	4	Commenced 1R28 Refueling Outage on 10/23/12 at 0020 with opening of Unit 1 Generator Output Breakers per 1C1.3

SUMMARY Unit 1 was off line during November 2012 for scheduled refueling outage 1R28.

DOCKET: UNIT_NME: RPT_PERIOD:	282 Prairie Island Unit 1 201212			ER NAME: ER TELEPHONE:	Thomas Scheibel 651-388-1121 X4355		
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	557 522.1					
		This Month	Yr-to-Date	Cumulative			
3. Number of Hou	irs the Reactor was Critical	3.75	6,996.67	299,296.84			
4. Number of Hou	irs Generator On-line	0.00	6,961.86	296,750.43			
5. Reserve Shutd	own Hours	0.00	0.00	0.00			
6. Net Electrical e	energy Generated (MWHrs)	0.00	3,705,980.00	150,458,230.00)		
	UNIT SHUTDOWNS						

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
1R28	10/23/2012	S	744.00	C	4	Commenced 1R28 Refueling Outage on 10/23/12 at 0020 with opening of Unit 1 Generator Output Breakers per 1C1.3

SUMMARY Unit 1 was off line for refueling outage 1R28 during December 2012.

DOCKET: UNIT_NME: RPT_PERIOD:	306 Prairie Island Unit 2 201210			ER NAME: ER TELEPHONE:	Thomas Scheibel 651-388-1121 X4355
 Design Electrica Maximum Depe 	al Rating: ndable Capacity (MWe-Net)	557 518.8			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hour	rs the Reactor was Critical	744.00	5,013.70	296,357.38	
4. Number of Hour	rs Generator On-line	744.00	4,975.27	294,327.48	
5. Reserve Shutdo	own Hours	0.00	0.00	0.00	
6. Net Electrical er	nergy Generated (MWHrs)	388,800.00	2,567,245.00	149,241,605.00)

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 base loaded during October 2012..

DOCKET: UNIT_NME: RPT_PERIOD:	306 Prairie Island Unit 2 201211			ER NAME: ER TELEPHONE:	Thomas Scheibel 651-388-1121 X4355
 Design Electrica Maximum Depe 	al Rating: ndable Capacity (MWe-Net)	557 518.8			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hour	rs the Reactor was Critical	721.00	5,734.70	297,078.38	
4. Number of Hour	rs Generator On-line	721.00	5,696.27	295,048.48	
5. Reserve Shutdo	own Hours	0.00	0.00	0.00	
6. Net Electrical er	nergy Generated (MWHrs)	384,631.00	2,951,876.00	149,626,236.00)

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 base loaded during November 2012.

DOCKET: UNIT_NME: RPT_PERIOD:	306 Prairie Island Unit 2 201212			ER NAME: ER TELEPHONE:	Thomas Scheibel 651-388-1121 X4355
 Design Electrica Maximum Depe 	al Rating: Indable Capacity (MWe-Net)	557 518.8			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hour	rs the Reactor was Critical	744.00	6,478.70	297,822.38	
4. Number of Hour	rs Generator On-line	744.00	6,440.27	295,792.48	
5. Reserve Shutdo	own Hours	0.00	0.00	0.00	
6. Net Electrical er	nergy Generated (MWHrs)	402,874.00	3,354,750.00	150,029,110.00)

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 base loaded during December 2012.

DOCKET: UNIT_NME: RPT_PERIOD:	254 Quad Cities Unit 1 201210			ER NAME: ER TELEPHONE:	Jason M. Smith (309) 227-2813
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	866 866			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,319.00	291,772.28	
4. Number of Hou	rs Generator On-line	744.00	7,319.00	285,932.68	
5. Reserve Shutde	own Hours	0.00	0.00	1,655.20	
6. Net Electrical e	nergy Generated (MWHrs)	693,675.00	6,758,539.00	203,370,245.00	

UNIT SHUTDOWNS

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

SUMMARY U1 October 2012

Unit 1 started the month at approximately full reactor power and remained at full power for the rest of the month.

DOCKET:	254		PREPAR	ER NAME:	Jason M. Smith
UNIT_NME: RPT_PERIOD:	Quad Cities Unit 1 201211		PREPAR	ER TELEPHONE:	(309) 227-2813
1. Design Electric	0	866			
2. Maximum Depe	endable Capacity (MWe-Net)	866			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	721.00	8,040.00	292,493.28	
4. Number of Hou	rs Generator On-line	721.00	8,040.00	286,653.68	
5. Reserve Shutdo	own Hours	0.00	0.00	1,655.20	
6. Net Electrical e	nergy Generated (MWHrs)	675,196.00	7,433,735.00	204,045,441.00)

UNIT SHUTDOWNS

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

SUMMARY U1 November 2012

Unit 1 started the month at approximately full reactor power and remained at full power for the rest of the month with the following exceptions. 1. Short duration down power from 11/17/12 to 11/18/12 due to Turbine Testing and CR Pattern adjustments.

DOCKET:	254		PREPAR	ER NAME:	Jason M. Smith
UNIT_NME: RPT_PERIOD:	Quad Cities Unit 1 201212		PREPAR	ER TELEPHONE:	(309) 227-2813
1. Design Electrica	0	866			
2. Maximum Depe	endable Capacity (MWe-Net)	866			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	8,784.00	293,237.28	
4. Number of Hou	rs Generator On-line	744.00	8,784.00	287,397.68	
5. Reserve Shutdo	own Hours	0.00	0.00	1,655.20	
6. Net Electrical e	nergy Generated (MWHrs)	696,673.00	8,130,408.00	204,742,114.00	

UNIT SHUTDOWNS

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

SUMMARY U1 December 2012

Unit 1 started the month at approximately full reactor power and remained at full power for the rest of the month with the following exceptions. 1. Short duration down power from 12/14/12 to 12/14/12 due to CRD pattern adjustment and repairs to 1A Cond/Cond Booster. 2. Short duration down power from 12/20/12 to 12/20/12 due to Series of storm related external Grid Disturbances.

DOCKET:	265		PREPAR	ER NAME:	Jason M. Smith
UNIT_NME: RPT_PERIOD:	Quad Cities Unit 2 201210		PREPAR	ER TELEPHONE:	(309) 227-2813
1. Design Electric	0	957.3			
2. Maximum Depe	endable Capacity (MWe-Net)	888			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	6,605.00	284,025.70	
4. Number of Hou	rs Generator On-line	744.00	6,539.77	278,811.13	
5. Reserve Shutdo	own Hours	0.00	0.00	2,312.90	
6. Net Electrical e	nergy Generated (MWHrs)	694,787.00	6,005,215.00	205,418,093.00	

UNIT SHUTDOWNS

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

SUMMARY U2 October 2012

Unit 2 started the month at approximately full reactor power and remained at full power for the rest of the month with the following exceptions. 1. Short duration down power from 10/06/12 to 10/07/12 due to Turbine testing, CRD recovery and scram timing.

DOCKET:	265		PREPAR	ER NAME:	Jason M. Smith
UNIT_NME: RPT_PERIOD:	Quad Cities Unit 2 201211		PREPAR	ER TELEPHONE:	(309) 227-2813
1. Design Electrica	al Rating:	957.3			
2. Maximum Depe	endable Capacity (MWe-Net)	888			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	721.00	7,326.00	284,746.70	
4. Number of Hou	rs Generator On-line	721.00	7,260.77	279,532.13	
5. Reserve Shutdo	own Hours	0.00	0.00	2,312.90	
6. Net Electrical e	nergy Generated (MWHrs)	674,472.00	6,679,687.00	206,092,565.00	

UNIT SHUTDOWNS

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

SUMMARY U2 November 2012

Unit 2 started the month at approximately full reactor power and remained at full power for the rest of the month with the following exceptions. 1. Short duration down power from 11/30/12 to 11/30/12 due to Control Valve pressure switch and was at approximately 99.7% power at the end of the month.

DOCKET:	265		PREPAR	ER NAME:	Jason M. Smith
UNIT_NME: RPT_PERIOD:	Quad Cities Unit 2 201212		PREPAR	ER TELEPHONE:	(309) 227-2813
1. Design Electric	U	957.3			
2. Maximum Depe	endable Capacity (MWe-Net)	888			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	744.00	8,070.00	285,490.70	
4. Number of Hou	irs Generator On-line	744.00	8,004.77	280,276.13	
5. Reserve Shutde	own Hours	0.00	0.00	2,312.90	
6. Net Electrical e	nergy Generated (MWHrs)	695,873.00	7,375,560.00	206,788,438.00	

UNIT SHUTDOWNS

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

SUMMARY U2 December 2012

Unit 2 started the month at approximately full reactor power and remained at full power for the rest of the month with the following exceptions. 1. Short duration down power from 12/02/12 to 12/02/12 due to Load drop for CV-1 Pressure Switch Lug repair. 2. Short duration down power from 12/20/12 to 12/20/12 due to Series of storm related external Grid Disturbances.

DOCKET: UNIT_NME: RPT_PERIOD:	458 River Bend Unit 1 201210			RER NAME: RER TELEPHONE:	Thomas J. Bolke (225)381-3719
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	967 967			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	6,831.93	198,970.98	
4. Number of Hou	rs Generator On-line	744.00	6,708.88	194,365.01	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	723,125.00	6,399,550.00	178,331,180.00)

UNIT SHUTDOWNS

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

DOCKET: UNIT_NME: RPT_PERIOD:	458 River Bend Unit 1 201211			ER NAME: ER TELEPHONE:	Thomas J. Bolke (225)381-3719
 Design Electrica Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	967 967			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	721.00	7,552.93	199,691.98	
4. Number of Hou	rs Generator On-line	721.00	7,429.88	195,086.01	
5. Reserve Shutdo	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	708,300.00	7,107,850.00	179,039,480.00	

UNIT SHUTDOWNS

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

DOCKET: UNIT_NME: RPT_PERIOD:	458 River Bend Unit 1 201212			ER NAME: ER TELEPHONE:	Thomas J. Bolke (225)381-3719
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	967 967			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	8,296.93	200,435.98	
4. Number of Hou	rs Generator On-line	744.00	8,173.88	195,830.01	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	712,012.00	7,819,862.00	179,751,492.00	

UNIT SHUTDOWNS

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

SUMMARY An unplanned trip of 'A' Recirculation Pump caused by a failure of an optical isolator in the pump circuitry occurred on December 19th. Power was reduced to 60% percent. The optical isolator was replaced and the unit returned to full power the following day.

DOCKET:	261		PREPAR	ER NAME:	Tim Surma
UNIT_NME: RPT_PERIOD:	Robinson Unit 2 201210		PREPAR	ER TELEPHONE:	843-857-1086
1. Design Electric	0	765			
2. Maximum Depe	endable Capacity (MWe-Net)	724			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	5,758.85	288,421.79	
4. Number of Hou	rs Generator On-line	744.00	5,700.77	284,752.49	
5. Reserve Shutde	own Hours	0.00	0.00	23.20	
6. Net Electrical e	nergy Generated (MWHrs)	577,212.00	4,224,936.00	192,159,878.00)

UNIT SHUTDOWNS

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

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

DOCKET:	261		PREPAR	ER NAME:	Tim Surma
UNIT_NME: RPT_PERIOD:	Robinson Unit 2 201211		PREPAR	ER TELEPHONE:	843-857-1086
1. Design Electric	al Rating:	765			
2. Maximum Depe	endable Capacity (MWe-Net)	724			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	721.00	6,479.85	289,142.79	
4. Number of Hou	rs Generator On-line	721.00	6,421.77	285,473.49	
5. Reserve Shutde	own Hours	0.00	0.00	23.20	
6. Net Electrical e	nergy Generated (MWHrs)	571,922.00	4,796,858.00	192,731,800.00	

UNIT SHUTDOWNS

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

SUMMARY None

DOCKET:	261		PREPAR	ER NAME:	Tim Surma
UNIT_NME: RPT_PERIOD:	Robinson Unit 2 201212		PREPAR	ER TELEPHONE:	843-857-1086
1. Design Electrica	al Rating:	765			
2. Maximum Depe	endable Capacity (MWe-Net)	724			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,223.85	289,886.79	
4. Number of Hou	rs Generator On-line	744.00	7,165.77	286,217.49	
5. Reserve Shutdo	own Hours	0.00	0.00	23.20	
6. Net Electrical e	nergy Generated (MWHrs)	591,253.00	5,388,111.00	193,323,053.00	1

UNIT SHUTDOWNS

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

SUMMARY None

DOCKET:	272		PREPAR	RER NAME:	Kevin Falciani
UNIT_NME:	Salem Unit 1		PREPAR	ER TELEPHONE:	856-339-2017
RPT_PERIOD:	201210				
1. Design Electric	al Rating:	1169			
2. Maximum Depe	endable Capacity (MWe-Net)	1116			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	697.15	7,116.45	222,428.63	
4. Number of Hou	irs Generator On-line	697.15	7,100.78	216,957.66	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	800,010.00	8,291,861.00	230,838,036.00)

UNIT SHUTDOWNS

		Туре			Method of	
No.	Date	F: Forced S: Scheduled	Duration (Hours)	Reason 1	Shutting Down 2	Cause - Corrective Action Comments
S1F12 -02	10/30/2012	F	46.85	A	2	Manual reactor trip of Unit 1 occurred due to the loss of 4 circ water pumps from high winds and river level due to Hurricane Sandy.

DOCKET:	272		PREPAR	RER NAME:	Kevin Falciani
UNIT_NME: RPT_PERIOD:	Salem Unit 1 201211		PREPAR	RER TELEPHONE:	856-339-2017
KFI_FLNIOD.	201211				
 Design Electric 	al Rating:	1169			
2. Maximum Depe	endable Capacity (MWe-Net)	1116			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	693.72	7,810.17	223,122.35	
4. Number of Hou	rs Generator On-line	658.57	7,759.35	217,616.23	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	768,349.00	9,060,210.00	231,606,385.00)
		UNIT SI	HUTDOWNS		

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
S1F12 -02	10/30/2012	F	62.43	A	4	Manual reactor trip of Unit 1 occurred due to the loss of 4 circ water pumps from high winds and river level due to Hurricane Sandy.

DOCKET:	272		PREPAR	ER NAME:	Kevin Falciani
UNIT_NME:	Salem Unit 1		PREPAR	ER TELEPHONE:	856-339-2017
RPT_PERIOD:	201212				
1. Design Electric	al Rating:	1169			
2. Maximum Dep	endable Capacity (MWe-Net)	1116			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	725.63	8,535.80	223,847.98	
4. Number of Hou	irs Generator On-line	714.67	8,474.02	218,330.90	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	836,573.00	9,896,783.00	232,442,958.00	1

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
S1F12 -03	12/21/2012	F	29.33	A	3	Unit 1 tripped on 12/21/2012 due to MPT Over Excitation Signal to the AVR. An EQACE is in progress on order 70147697.

DOCKET: UNIT_NME: RPT_PERIOD:	311 Salem Unit 2 201210			ER NAME: ER TELEPHONE:	Kevin Falciani 856-339-2017
 Design Electric Maximum Dep 	al Rating: endable Capacity (MWe-Net)	1181) 1134			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	urs the Reactor was Critical	332.00	6,822.85	199,603.53	
4. Number of Hou	urs Generator On-line	332.00	6,817.00	195,542.31	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	384,733.00	7,728,004.00	208,427,449.0	0
		UNIT S	HUTDOWNS		
	Туре		Metho	l of	
	F: Forced	Duration	Shutt	ing Ca	use - Corrective Action

No.	Date	S: Scheduled	(Hours)	Reason 1	Down 2	Cause - Corrective Action Comments
S2R19	10/14/2012	S	412.00	С	1	2R19 Refueling Outage

SUMMARY S2 taken off line on 10/14/2012 at 20:00 to commence 2R19 refueling outage.

DOCKET:	311		PREPAR	ER NAME:	Kevin Falciani
UNIT_NME: RPT_PERIOD:	Salem Unit 2 201211		PREPAR	ER TELEPHONE:	856-339-2017
1. Design Electrica	I Rating:	1181			
2. Maximum Deper	ndable Capacity (MWe-Net)	1134			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hour	s the Reactor was Critical	297.37	7,120.22	199,900.90	
4. Number of Hour	s Generator On-line	252.13	7,069.13	195,794.44	
5. Reserve Shutdo	wn Hours	0.00	0.00	0.00	
6. Net Electrical en	ergy Generated (MWHrs)	153,985.00	7,881,989.00	208,581,434.00	

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
S2R19	10/14/2012	S	436.98	С	4	2R19 Refueling Outage
S2F12 -02	11/25/2012	F	30.88	A	3	Unit 2 Trip was caused by 24BF19, 24 Steam Generator Feed Water Regulation Valve, not responding to demand signal that resulted in a reactor trip due to 24 Steam Generator Lo Lo Level. This issue was identified in notification 20585172, which includes a Prompt Investigation (PINV). The PINV suspects the cause of the failure is dirt/debris in the valve positioner. An FMCT was performed to resolve the immediate issue and a Root Cause Evaluation in progress under order 70146562.

SUMMARY Salem 2 was in 2R19 Refueling Outage from 10/14/2012 to 11/25/2012

DOCKET:	311		PREPAR	ER NAME:	Kevin Falciani
UNIT_NME: RPT_PERIOD:	Salem Unit 2 201212		PREPAR	ER TELEPHONE:	856-339-2017
1. Design Electric	al Rating:	1181			
2. Maximum Depe	endable Capacity (MWe-Net)	1134			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,864.22	200,644.90	
4. Number of Hou	rs Generator On-line	744.00	7,813.13	196,538.44	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	876,576.00	8,758,565.00	209,458,010.00	l de la constante de

UNIT SHUTDOWNS

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

DOCKET:	361		PREPAR	RER NAME:	Ryan Treadway
UNIT_NME: RPT_PERIOD:	San Onofre Unit 2 201210		PREPA	RER TELEPHONE:	949-368-9985
1. Design Electric	0	1070			
2. Maximum Dep	endable Capacity (MWe-Net)	1070			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	urs the Reactor was Critical	0.00	212.65	204,075.80	
4. Number of Hou	urs Generator On-line	0.00	212.60	201,533.19	
5. Reserve Shute	lown Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	0.00	185,229.75	217,796,739.73	5

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
1	1/9/2012	S	744.00	С	4	Cycle 17 Refueling

SUMMARY 10/1/12 Unit 2 in Mode 5. 10/20 16:16 Entered Mode 4. 10/23 01:17 Entered Mode 3. 10/26 04:51 Entered Mode 4. 10/27 03:25 Entered Mode 5. 10/31 Mode 5.

DOCKET: UNIT_NME: RPT_PERIOD:	361 San Onofre Unit 2 201211			RER NAME: RER TELEPHONE:	Ryan Treadway 949-368-9985
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	1070 1070			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	0.00	212.65	204,075.80	
4. Number of Hou	irs Generator On-line	0.00	212.60	201,533.19	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	0.00	185,229.75	217,796,739.73	3
		UNIT SI	HUTDOWNS		

Туре					Method of	
No.	Date	F: Forced S: Scheduled	Duration (Hours)	Reason 1	Shutting Down 2	Cause - Corrective Action Comments
1	1/9/2012	S	720.00	С	4	Cycle 17 Refueling

SUMMARY 11/1 Mode 5. 11/30 Mode 5.

DOCKET: 361			PREPAR	RER NAME:	Ryan Treadway
UNIT_NME: RPT_PERIOD:	San Onofre Unit 2 201212		PREPAR	RER TELEPHONE:	949-368-9985
1. Design Electric	al Rating:	1070			
2. Maximum Dep	endable Capacity (MWe-Net)	1070			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	urs the Reactor was Critical	0.00	212.65	204,075.80	
4. Number of Hou	urs Generator On-line	0.00	212.60	201,533.19	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	0.00	185,229.75	217,796,739.73	3
		UNIT S	HUTDOWNS		

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
1	1/9/2012	S	744.00	С	4	Cycle 17 Refueling

SUMMARY 12/1 Mode 5. 12/31 Mode 5.

DOCKET: UNIT_NME: RPT_PERIOD:	362 San Onofre Unit 3 201210			RER NAME: RER TELEPHONE:	Ryan Treadway 949-368-9985		
 Design Electrica Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	1080 1080					
		This Month	Yr-to-Date	Cumulative			
3. Number of Hou	rs the Reactor was Critical	0.00	737.52	203,142.15			
4. Number of Hou	rs Generator On-line	0.00	737.52	200,533.27			
5. Reserve Shutdo	own Hours	0.00	0.00	729.50			
6. Net Electrical e	nergy Generated (MWHrs)	0.00	826,421.20	214,004,380.21	1		
UNIT SHUTDOWNS							
	Туре		Metho	d of			
		, •		• •			

No.	Date	F: Forced S: Scheduled	Duration (Hours)	Reason 1	Shutting Down 2	Cause - Corrective Action Comments
	1/31/2012	F	744.00	А	4	Steam Generator Tube Leak

SUMMARY 10/1/12 Unit 3 Mode 6. 10/5/12 11:45 Defueled. 10/31 Mode 6 (Defueled).

DOCKET: UNIT_NME: RPT_PERIOD:	362 San Onofre Unit 3 201211			RER NAME: RER TELEPHONE:	Ryan Treadway 949-368-9985
 Design Electric Maximum Dep 	cal Rating: endable Capacity (MWe-Net	1080) 1080			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	urs the Reactor was Critical	0.00	737.52	203,142.15	
4. Number of Hou	urs Generator On-line	0.00	737.52	200,533.27	
5. Reserve Shutd	lown Hours	0.00	0.00	729.50	
6. Net Electrical e	energy Generated (MWHrs)	0.00	826,421.20	214,004,380.2	1
		UNITS	HUTDOWNS		
	Туре		Metho	od of	
	F: Forced	Duration	Shut	ting Ca	use - Corrective Action

No.	Date	F: Forced S: Scheduled	Duration (Hours)	Reason 1	Shutting Down 2	Cause - Corrective Action Comments
1	1/31/2012	F	720.00	А	4	Steam Generator Tube Leak

SUMMARY 11/1 Defueled. 11/30 Mode 6 (Defueled).

DOCKET: UNIT_NME: RPT_PERIOD:	362 San Onofre Unit 3 201212			RER NAME: RER TELEPHONE:	Ryan Treadway 949-368-9985			
 Design Electric Maximum Dependent 	cal Rating: endable Capacity (MWe-Net)	1080 1080						
		This Month	Yr-to-Date	Cumulative				
3. Number of Hou	urs the Reactor was Critical	0.00	737.52	203,142.15				
4. Number of Hou	urs Generator On-line	0.00	737.52	200,533.27				
5. Reserve Shutd	lown Hours	0.00	0.00	729.50				
6. Net Electrical e	energy Generated (MWHrs)	0.00	826,421.20	214,004,380.2	1			
UNIT SHUTDOWNS								
	Туре		Metho	d of				
			C1	·				

No.	Date	F: Forced S: Scheduled	Duration (Hours)	Reason 1	Shutting Down 2	Cause - Corrective Action Comments
1	1/31/2012	F	744.00	А	4	Steam Generator Tube Leak

SUMMARY 12/1 Defueled. 12/31 Mode 6 (Defueled).

DOCKET:	443		PREPAR	ER NAME:	Kevin Randall
UNIT_NME: RPT_PERIOD:	Seabrook Unit 1 201210		PREPAR	ER TELEPHONE:	603.773.7992
1. Design Electrica	al Rating:	1248			
2. Maximum Depe	2. Maximum Dependable Capacity (MWe-Net)				
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	58.90	6,246.32	173,472.98	
4. Number of Hou	rs Generator On-line	37.53	6,224.95	169,888.43	
5. Reserve Shutdo	own Hours	0.00	0.00	0.00	
6. Net Electrical er	nergy Generated (MWHrs)	17,280.40	6,384,387.73	196,068,820.95	i

UNIT SHUTDOWNS

		Туре			Method of	
No.	Date	F: Forced S: Scheduled	Duration (Hours)	Reason 1	Shutting Down 2	Cause - Corrective Action Comments
4	9/14/2012	F	706.47	A	4	An Automatic trip resulted from SGC feed regulating valve partial closure and subsequent low Steam Generator Level. The unit remained offline for an early start to OR15 on 9/15/12 at 10:00. The scheduled start of OR15 was 9/17/12 at 00:01

SUMMARY The unit operated at 100% power for 0 of 744 hours this month. The main generator breaker was closed at the completion of OR15 on 10/30/12 @ 10:28. This yielded an availability factor of 5.6636% and a capacity factor of 1.8641% based on the MDC of 1246 MWe.

DOCKET:	443		PREPAR	RER NAME:	Kevin Randall
UNIT_NME: RPT_PERIOD:	Seabrook Unit 1 201211		PREPAR	ER TELEPHONE:	603.773.7992
1. Design Electric	al Rating:	1248			
2. Maximum Depe	endable Capacity (MWe-Net)	1246			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	721.00	6,967.32	174,193.98	
4. Number of Hou	rs Generator On-line	721.00	6,945.95	170,609.43	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	888,115.39	7,272,503.12	196,956,936.34	

UNIT SHUTDOWNS

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

SUMMARY The unit operated at 100% power 675 out of 721 hours this month following OR15. This yielded an availability factor of 100% and a capacity factor of 98.8590% based on the MDC of 1246 MWe.

DOCKET:	443		PREPAR	RER NAME:	Kevin Randall
UNIT_NME: RPT_PERIOD:	Seabrook Unit 1 201212		PREPAR	RER TELEPHONE:	603.773.7992
1. Design Electric	al Rating:	1248			
2. Maximum Depe	endable Capacity (MWe-Net)	1246			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	744.00	7,711.32	174,937.98	
4. Number of Hou	irs Generator On-line	744.00	7,689.95	171,353.43	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	916,357.38	8,188,860.50	197,873,293.72	

UNIT SHUTDOWNS

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

SUMMARY The unit operated at 100% power 720 out of 744 hours this month. The unit reduced power to 50% on 12/31/12 to remove the B Main Feed Pump from service to allow a power supply replacment. This yielded an availability factor of 100% and a capacity factor of 98.8494% based on the MDC of 1246 MWe.

DOCKET:	327		PREPAR	ER NAME:	Debra E. Ferrell
UNIT_NME: RPT_PERIOD:	Sequoyah Unit 1 201210		PREPAR	ER TELEPHONE:	423-843-7526
1. Design Electric	al Rating:	1173			
2. Maximum Depe	endable Capacity (MWe-Net)	1152			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	6,522.38	203,822.85	
4. Number of Hou	rs Generator On-line	744.00	6,442.97	201,421.89	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	861,970.30	7,245,649.80	223,571,787.60)

UNIT SHUTDOWNS

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

SUMMARY U1 Gross Max Dependable Capacity Factor was 101.088 for the month of October 2012.

DOCKET:	327		PREPAR	ER NAME:	Debra E. Ferrell
UNIT_NME: RPT_PERIOD:	Sequoyah Unit 1 201211		PREPAR	ER TELEPHONE:	423-843-7526
1. Design Electric	al Rating:	1173			
2. Maximum Depe	endable Capacity (MWe-Net)	1152			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	721.00	7,243.38	204,543.85	
4. Number of Hou	rs Generator On-line	721.00	7,163.97	202,142.89	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	834,276.00	8,079,925.80	224,406,063.60)

UNIT SHUTDOWNS

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

SUMMARY U1 Gross Max Dependable Capacity Factor was 101.679 for the month of November 2012.

DOCKET:	327		PREPAR	ER NAME:	Debra E. Ferrell
UNIT_NME: RPT_PERIOD:	Sequoyah Unit 1 201212		PREPAR	ER TELEPHONE:	423-843-7526
1. Design Electric	al Rating:	1173			
2. Maximum Depe	endable Capacity (MWe-Net)	1152			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,987.38	205,287.85	
4. Number of Hou	rs Generator On-line	744.00	7,907.97	202,886.89	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	865,240.00	8,945,165.80	225,271,303.60)

UNIT SHUTDOWNS

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

SUMMARY U1 Gross Max Dependable Capacity Factor was 101.730 for the month of December 2012.

DOCKET:	328			PREPARE	ER NAME:	Debra E. Ferrell
UNIT_NME: RPT_PERIOD:	Sequoyah Unit 2 201210			PREPARE	ER TELEPHONE:	423-843-7526
1. Design Electric	•	1151				
2. Maximum Dep	endable Capacity (MWe-Ne	,				
		This	s Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	336	.00	6,870.88	209,000.11	
4. Number of Hou	irs Generator On-line	336	.00	6,866.48	206,394.35	
5. Reserve Shutd	own Hours	0.00)	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	369	,834.70	7,640,458.20	224,698,456.10)
			UNIT SHU	ITDOWNS		
	Туре			Method	of	
	F: Forced	Duration		Shutti	ng Cau	ise - Corrective Action
No. Date	e S: Scheduled	(Hours)	Reason 1	Down	2	Comments
1 10/15/201	2 S	408.00	С	1	U2R18	

SUMMARY U2 Gross Max Dependable Capacity Factor was 45.405 for the month of October 2012.

DOCKET: UNIT_NME: RPT_PERIOD:	328 Sequoyah Unit 2 201211			ER NAME: ER TELEPHONE:	Debra E. Ferrell 423-843-7526
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	1151 1125.7			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	urs the Reactor was Critical	0.00	6,870.88	209,000.11	
4. Number of Hou	urs Generator On-line	0.00	6,866.48	206,394.35	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	0.00	7,640,458.20	224,698,456.10)
			HUTDOWNS		
	Type		Metho	lof	

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
1	10/15/2012	S	720.00	С	4	U2R18

SUMMARY U2 Gross Max Dependable Capacity Factor was 0.000 for the month of November 2012.

DOCKET: 328 UNIT_NME: Sequoy RPT_PERIOD: 201212	ah Unit 2			ER NAME: ER TELEPHONE:	Debra E. Ferrell 423-843-7526
 Design Electrical Rating: Maximum Dependable C 	anacity (MWe-Net)	1151 1125.7			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hours the Rea	actor was Critical	0.00	6,870.88	209,000.11	
4. Number of Hours Genera	tor On-line	0.00	6,866.48	206,394.35	
5. Reserve Shutdown Hours	5	0.00	0.00	0.00	
6. Net Electrical energy Ger	erated (MWHrs)	0.00	7,640,458.20	224,698,456.10	
	T	UNIT SI			

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
1	10/15/2012	S	744.00	С	4	U2R18

SUMMARY U2 Gross Max Dependable Capacity Factor was 0.000 for the month of December 2012.

DOCKET: UNIT_NME: RPT_PERIOD:	498 South Texas Unit 1 201210			PREPAREF PREPAREF	R NAME: R TELEPHONE:	R.L. Hill 361 972.7667
 Design Electrical Maximum Deper 	l Rating: ndable Capacity (MWe-Net	1250.6) 1250.6				
		This	s Month Y	r-to-Date	Cumulative	
3. Number of Hours	s the Reactor was Critical	479	.87 7	,054.87	179,780.48	
4. Number of Hours	s Generator On-line	479	.00 7	,054.00	175,274.31	
5. Reserve Shutdov	wn Hours	0.00) (0.00	0.00	
6. Net Electrical en	ergy Generated (MWHrs)	619	,494.00 9	9,428,888.00	220,291,905.00)
	Туре			Method o	-	~
No. Date	F: Forced S: Scheduled	Duration (Hours)	Reason 1	Shutting Down 2	5	ise - Corrective Action Comments

74	10/20/2012	S	265.00	С	1	Open Breaker for refueling outage. Projected to close end of November.

SUMMARY Refueling outage begins on 10/20/12.

DOCKET: UNIT_NME: RPT_PERIOD:	498 South Texas Unit 1 201211			PREPARER NA PREPARER TE	
 Design Electr Maximum De 	ical Rating: pendable Capacity (MWe-Ne	1250.6 :) 1250.6			
		This N	lonth Yr-to	-Date Cເ	Imulative
3. Number of Ho	ours the Reactor was Critical	112.22	2 7,167	·.09 17	9,892.70
4. Number of Ho	ours Generator On-line	93.40	7,147	'.40	5,367.71
5. Reserve Shu	down Hours	0.00	0.00	0.0	00
6. Net Electrical	energy Generated (MWHrs)	79,127	.00 9,508	3,015.00 22	0,371,032.00
		U		OWNS	
	Туре			Method of	
No. Da	F: Forced te S: Scheduled	Duration (Hours)	Reason 1	Shutting Down 2	Cause - Corrective Action Comments

74	10/20/2012	S	626.60	С	4	Open Breaker for refueling outage. Projected to close end of November.

SUMMARY Reactor power ascension delayed to allow main feed pump repair.

DOCKET:	498		PREPAR	ER NAME:	R.L. Hill
UNIT_NME: RPT_PERIOD:	South Texas Unit 1 201212		PREPAR	ER TELEPHONE:	361 972.7667
1. Design Electrica	al Rating:	1250.6			
2. Maximum Depe	2. Maximum Dependable Capacity (MWe-Net)				
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,911.09	180,636.70	
4. Number of Hou	rs Generator On-line	744.00	7,891.40	176,111.71	
5. Reserve Shutdo	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	1,012,649.00	10,520,664.00	221,383,681.00	1

UNIT SHUTDOWNS

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

DOCKET:	499		PREPAR	ER NAME:	R.L Hill
UNIT_NME: RPT_PERIOD:	South Texas Unit 2 201210		PREPAR	ER TELEPHONE:	361 972.7667
1. Design Electric	0	1250.6			
2. Maximum Depe	endable Capacity (MWe-Net)	1250.6			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	4,645.63	170,503.34	
4. Number of Hou	rs Generator On-line	744.00	4,608.22	168,032.43	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	1,003,312.00	6,127,746.00	210,761,772.00	

UNIT SHUTDOWNS

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

DOCKET:	499		PREPAR	ER NAME:	R.L. Hill
UNIT_NME: RPT_PERIOD:	South Texas Unit 2 201211		PREPAR	ER TELEPHONE:	361 972.7667
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	1250.6 1250.6			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	721.00	5,366.63	171,224.34	
4. Number of Hou	rs Generator On-line	721.00	5,329.22	168,753.43	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	978,243.00	7,105,989.00	211,740,015.00)

UNIT SHUTDOWNS

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

DOCKET:	499		PREPAR	ER NAME:	R.L. Hill
UNIT_NME: RPT_PERIOD:	South Texas Unit 2 201212		PREPAR	ER TELEPHONE:	361 972.7667
 Design Electrica Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	1250.6 1250.6			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	6,110.63	171,968.34	
4. Number of Hou	rs Generator On-line	744.00	6,073.22	169,497.43	
5. Reserve Shutdo	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	1,016,521.00	8,122,510.00	212,756,536.00	

UNIT SHUTDOWNS

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

DOCKET: UNIT_NME: RPT_PERIOD:	335 St. Lucie Unit 1 201210			RER NAME: RER TELEPHONE:	K R Boller 772 467-7465
 Design Electric Maximum Deperture 	al Rating: endable Capacity (MWe-Net)	1062 982			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	744.00	4,740.95	260,610.63	
4. Number of Hou	irs Generator On-line	727.93	4,358.48	258,149.76	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	710,643.00	3,444,518.00	212,332,664.00)
		UNIT S	HUTDOWNS		
	Туре		Metho	d of	
	• •	Duration	Shutt	ing Car	iso Corrective Action

No.	Date	F: Forced S: Scheduled	Duration (Hours)	Reason 1	Shutting Down 2	Cause - Corrective Action Comments
025	10/27/2012	S	16.07	В	5	Digital Electro Hydraulic (DEH) system maintenance/repair

SUMMARY PSL 1 operated in mode 1 until 10/27/12 at 11:45. PSL 1 returned to mode 1 operation at 22:52 the same day and remained in mode 1 through the end of the report period.

DOCKET: UNIT_NME: RPT_PERIOD:	335 St. Lucie Unit 1 201211			ER NAME: ER TELEPHONE:	K R Boller 772 467-7465
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	1062 982			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	721.00	5,461.95	261,331.63	
4. Number of Hou	rs Generator On-line	721.00	5,079.48	258,870.76	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	722,599.00	4,167,117.00	213,055,263.00)

UNIT SHUTDOWNS

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

SUMMARY PSL 1 operated in mode 1 the entire report period.

DOCKET: UNIT_NME: RPT_PERIOD:	335 St. Lucie Unit 1 201212			ER NAME: ER TELEPHONE:	K R Boller 772 467-7465
 Design Electric Maximum Deperation 	al Rating: endable Capacity (MWe-Net)	1062 982			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	744.00	6,205.95	262,075.63	
4. Number of Hou	rs Generator On-line	744.00	5,823.48	259,614.76	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	745,504.00	4,912,621.00	213,800,767.00	

UNIT SHUTDOWNS

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

SUMMARY PSL 1 operated in mode 1 the entire report period.

DOCKET: UNIT_NME: RPT_PERIOD:	389 St. Lucie Unit 2 201210			ER NAME: ER TELEPHONE:	K R Boller 772 467-7465
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	856 839			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	urs the Reactor was Critical	0.00	5,186.25	220,314.96	
4. Number of Hou	urs Generator On-line	0.00	5,176.35	217,979.26	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	0.00	4,394,586.00	180,003,257.00)
			HUTDOWNS		
	Туре		Methoo	l of	

No.	Date	F: Forced S: Scheduled	Duration (Hours)	Reason 1	Shutting Down 2	Cause - Corrective Action Comments
024	8/5/2012	S	744.00	С	4	SL2-20 Extended Power Uprate & Refueling Outage

SUMMARY PSL 2 remained shutdown for scheduled refueling the entire report period.

DOCKE UNIT_N RPT_P	IME:	389 St. Lucie Unit 2 201211				ER NAME: ER TELEPHONE:	K R Boller 772 467-7465
	ign Electrical imum Depen	Rating: dable Capacity (MWe-Ne	856 et) 839				
			т	his Month	Yr-to-Date	Cumulative	
3. Num	ber of Hours	the Reactor was Critical	2	63.12	5,449.37	220,578.08	
4. Num	ber of Hours	Generator On-line	18	80.30	5,356.65	218,159.56	
5. Res	erve Shutdov	vn Hours	0	.00	0.00	0.00	
6. Net	Electrical ene	ergy Generated (MWHrs)	6	7,735.00	4,462,321.00	180,070,992.00)
				UNIT SH	JTDOWNS		
		Туре			Method	of	
		F: Forced	Duration		Shutti	ng Cau	ise - Corrective Action
No.	Date	S: Scheduled	(Hours)	Reason	1 Down	2	Comments
024	8/5/2012	S	539.70	С	4	SL2-20 Ext	ended Power Uprate & Refueling Outage

SUMMARY PSL 2 entered mode 1 operation on 11/21/12 @ 23:58 and remained in mode 1 through the end of the report period.

DOCKET: UNIT_NME: RPT_PERIOD:	389 St. Lucie Unit 2 201212			ER NAME: ER TELEPHONE:	K R Boller 772 467-7465
– 1. Design Electric		856 839			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	6,193.37	221,322.08	
4. Number of Hou	rs Generator On-line	744.00	6,100.65	218,903.56	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	634,445.00	5,096,766.00	180,705,437.00)

UNIT SHUTDOWNS

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

SUMMARY PSL 2 operated in mode 1 the entire report period.

DOCKET: UNIT_NME: RPT_PERIOD:	395 Summer Unit 1 201210			RER NAME: RER TELEPHONE:	Wesley R. Higgins 8033454042
 Design Electric Maximum Dep 	cal Rating: endable Capacity (MWe-Net)	972.7 966			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	urs the Reactor was Critical	291.75	6,866.75	217,611.32	
4. Number of Hou	urs Generator On-line	288.52	6,863.52	215,224.20	
5. Reserve Shutd	lown Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	268,329.00	6,731,157.00	195,410,543.00	

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
12-01	10/13/2012	S	455.48	С	1	Scheduled normal manual shutdown for refueling outage

SUMMARY Reactor power was reduced to approximately 98% on 10/07/2012 at 08:00 for fuel coast down. Coastdown Loss was 192.8 MWHs.

Reactor power was reduced to approximately 97% on 10/08/2012 at 03:42 for fuel coast down. Coastdown Loss was 382.8 MWHs.

Reactor power was reduced to approximately 85% on 10/09/2012 at 10:27 to test the main steam safety valves. Coastdown Loss was 13,024.2 MWHs.

The unit was taken off line for Refuel 20 on 10/13/2012 at 00:31:52

DOCKET: 395 UNIT_NME: Summer Unit 1 RPT_PERIOD: 201211			RER NAME: RER TELEPHONE:	Wesley R. Higgins 8033454042
 Design Electrical Rating: Maximum Dependable Capacity (I 	972.7 //We-Net) 966			
	This Month	Yr-to-Date	Cumulative	
3. Number of Hours the Reactor was	Critical 0.00	6,866.75	217,611.32	
4. Number of Hours Generator On-lir	ne 0.00	6,863.52	215,224.20	
5. Reserve Shutdown Hours	0.00	0.00	0.00	
6. Net Electrical energy Generated (I	MWHrs) 0.00	6,731,157.00	195,410,543.00)
	UNITS	SHUTDOWNS		
Tyme		Matha	d of	

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
12-01	10/13/2012	S	720.00	C	4	Scheduled normal manual shutdown for refueling outage

SUMMARY The plant was shutdown for the month of November 2012 for refueling outage RF-20.

DOCKET: UNIT_NME: RPT_PERIOD:	395 Summer Unit 1 201212			RER NAME: RER TELEPHONE:	Wesley R. Higgins 8033454042
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	972.7 966			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	623.93	7,490.68	218,235.25	
4. Number of Hou	irs Generator On-line	593.17	7,456.69	215,817.37	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	550,446.00	7,281,603.00	195,960,989.00)
			HUTDOWNS		

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
12-01	10/13/2012	S	150.83	С	4	Scheduled normal manual shutdown for refueling outage

SUMMARY Following the completion of refueling outage RF-20 Mode 2 was entered 12/5/2012 at 22:40. The reactor was critical on 12/6/2012 at 00:05. The Main Generator Breaker was closed on 12/7/2012 at 06:51. 100% power was reached on 12/12/2012 at 05:45.

DOCKET:	280		PREPAR	ER NAME:	Marlene Haskett
UNIT_NME: RPT_PERIOD:	Surry Unit 1 201210		PREPAR	ER TELEPHONE:	757-365-2146
1. Design Electric	0	874			
2. Maximum Depe	endable Capacity (MWe-Net)	838			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	6,591.65	273,358.04	
4. Number of Hou	rs Generator On-line	744.00	6,554.58	270,227.72	
5. Reserve Shutdo	own Hours	0.00	0.00	3,736.20	
6. Net Electrical e	nergy Generated (MWHrs)	645,098.00	5,583,859.40	206,642,088.53	

UNIT SHUTDOWNS

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

SUMMARY

DOCKET:	280		PREPAR	ER NAME:	Marlene Haskett
UNIT_NME: RPT_PERIOD:	Surry Unit 1 201211		PREPAR	ER TELEPHONE:	757-365-2146
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	874 838			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	721.00	7,312.65	274,079.04	
4. Number of Hou	irs Generator On-line	721.00	7,275.58	270,948.72	
5. Reserve Shutd	own Hours	0.00	0.00	3,736.20	
6. Net Electrical e	energy Generated (MWHrs)	603,510.55	6,187,369.95	207,245,599.08	5

UNIT SHUTDOWNS

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

SUMMARY 11/22/2012 - HP Heater Drain tank/pump 0630Unit 1 is at 100% Reactor Power, 911 Mwe 1013Commenced ramp to 75% power to secure HP Heater Drain pump 1047Stopped ramp at 73.5% (delta T power) 1835Unit 1 is at 74% Reactor Power, 610 Mwe 11/23/2012 0630Unit 1 is at 75% Reactor Power, 616 Mwe 11/24/2012 0630Unit 1 is at 75% Reactor Power, 624 Mwe 1830Unit 1 is at 75% Reactor Power, 623 Mwe 11/26/2012 0218Commence ramp to 90 to 91% power 0414Stop the ramp at 98% power 0439Unit 1 is at 99.90% power 0601Unit 1 is at 100% Reactor Power, 910 Mwe

DOCKET:	280		PREPAR	RER NAME:	Marlene Haskett
UNIT_NME: RPT_PERIOD:	Surry Unit 1 201212		PREPAR	ER TELEPHONE:	757-365-2146
1. Design Electric	al Rating: endable Capacity (MWe-Net)	874 838			
2. Maximum Depe	endable Capacity (MWe-Net)				
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	8,056.65	274,823.04	
4. Number of Hou	rs Generator On-line	744.00	8,019.58	271,692.72	
5. Reserve Shutde	own Hours	0.00	0.00	3,736.20	
6. Net Electrical e	nergy Generated (MWHrs)	652,170.88	6,839,540.83	207,897,769.96	6

UNIT SHUTDOWNS

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

SUMMARY

DOCKET: UNIT_NME: RPT_PERIOD:	281 Surry Unit 2 201210			ER NAME: RER TELEPHONE:	Marlene Haskett 757-365-2146
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	874 838	Verte Dete	Quandative	
3 Number of Hou	irs the Reactor was Critical	This Month 744.00	Yr-to-Date 7.319.00	Cumulative 271.258.96	
	irs Generator On-line	744.00	7,319.00	268.535.57	
5. Reserve Shutd		0.00	0.00	0.00	
	energy Generated (MWHrs)	616,205.05	6,204,499.65	205,736,207.51	

UNIT SHUTDOWNS

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

SUMMARY Waterbox

October 03, 2012 0120 - Commenced ramp from 100% power to 90% for waterbox maintenance October 08, 2012 1840 - Unit 2 is at 100% Rx power, 887 MWe

Turbine Slop Drain October 15, 2012 1412 - Initate reducing load to 95% power for Turbine slop drain maintenance October 16, 2012 0444 - Unit 2 at 100%, 890 MWe

U2 Refueling Outage October 31, 2012 1803 - Unit 2 is at 100% Rx power, 898 MWe 1948 - Commenced ramp for Refueling Outage 2042 - Stopped ramp at 780.0 MWe 2111 - Recommenced unit ramp to 765.0 MWe 2347 - Opened one of two output breakers. Unit still on-line November 01, 2012 0015 - Tripped Unit 2 Main Turbine and opened reactor trip breakers. Unit 2 is offline

DOCKET:	281		PREPAR	ER NAME:	Marlene Haskett
UNIT_NME: RPT_PERIOD:	Surry Unit 2 201211		PREPAR	ER TELEPHONE:	757-365-2146
1. Design Electric	al Rating:	874			
2. Maximum Depe	endable Capacity (MWe-Net)	838			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	0.25	7,319.25	271,259.21	
4. Number of Hou	irs Generator On-line	0.25	7,319.25	268,535.82	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	0.00	6,204,499.65	205,736,207.5	1
		UNIT S	HUTDOWNS		
	Туре		Methoo	l of	
	E. Fornad	Duration	Shutt	ng Car	190 Corrective Action

No.	Date	F: Forced S: Scheduled	Duration (Hours)	Reason 1	Shutting Down 2	Cause - Corrective Action Comments
2G-12	11/1/2012	S	719.75	С	1	Unit 2 Fall Refueling Outage

SUMMARY November 01, 2012 - Unit 2 Fall Refueling Outage 0015 - Tripped Unit 2 Main Turbine and opened reactor trip breakers. Unit 2 is offline.

DOCKET:	281		PREPAR	ER NAME:	Marlene Haskett
UNIT_NME: RPT PERIOD:	Surry Unit 2 201212		PREPAR	ER TELEPHONE:	757-365-2146
– 1. Design Electric	al Rating:	874			
2. Maximum Depe	endable Capacity (MWe-Net)	838			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	707.83	8,027.08	271,967.04	
4. Number of Hou	irs Generator On-line	682.33	8,001.58	269,218.15	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	570,560.45	6,775,060.10	206,306,767.96	3
			HUTDOWNS		

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
2G-12	11/1/2012	S	61.67	С	4	Unit 2 Fall Refueling Outage

SUMMARY 12/03/12

1340 - Unit 2 is on-line 12/06/12

1830 - Unit 2 is at 100% reactor power, 914 Mwe

DOCKET: 387		PREPAR	ER NAME:	J. Hennings
UNIT_NME: Susquehanna Unit 1 RPT_PERIOD: 201210		PREPAR	ER TELEPHONE:	570-542-3747
1. Design Electrical Rating:	1287			
2. Maximum Dependable Capacity (MWe-Net)	1257			
	This Month	Yr-to-Date	Cumulative	
3. Number of Hours the Reactor was Critical	464.52	5,190.78	219,012.83	
4. Number of Hours Generator On-line	459.30	5,082.50	216,047.01	
5. Reserve Shutdown Hours	0.00	0.00	0.00	
6. Net Electrical energy Generated (MWHrs)	454,293.00	6,174,141.00	231,682,141.70	

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
U1 2012-3	10/20/2012	S	284.70	В	1	Scheduled Maintenance Outage for Main Turbine Blade Inspection/Replacement: Breaker opened:10/20/12, Sub Critical:10/20/12, Rx critical:11/06/12, Synchronized to the grid 11/07/12.

SUMMARY There was one power reduction greater than 20% in October, and one shutdown. Both power maneuvers were due to the same material condition issue. The power reduction on 10/06/12 was performed to mitigate Turbine blade crack growth. This reduction from 85 to 65 % was performed 8 days following the plan to reduce power. The Reactor Shutdown was performed for a planned outage for Turbine blade replacement on 10/20/12. This maintenance shutdown was planned 23 days prior to 10/20/12.

DOCKET:	387		PREPAR	ER NAME:	J. Hennings
—	Susquehanna Unit 1 201211		PREPAR	ER TELEPHONE:	570-542-3747
1. Design Electrical	Rating:	1287			
2. Maximum Depen	dable Capacity (MWe-Net)	1257			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hours	the Reactor was Critical	583.63	5,774.41	219,596.46	
4. Number of Hours	Generator On-line	557.55	5,640.05	216,604.56	
5. Reserve Shutdow	vn Hours	0.00	0.00	0.00	
6. Net Electrical ene	ergy Generated (MWHrs)	684,876.00	6,859,017.00	232,367,017.70	

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
U1 2012-3	10/20/2012	S	162.45	В	4	Scheduled Maintenance Outage for Main Turbine Blade Inspection/Replacement: Breaker opened:10/20/12, Sub Critical:10/20/12, Rx critical:11/06/12, Synchronized to the grid 11/07/12.

SUMMARY Following breaker closure on November 7th, full power was achived on November 12th. There were no power reductions greater than 20% during the month of November.

DOCKET:	387		PREPAR	RER NAME:	J. Hennings
UNIT_NME: RPT_PERIOD:	Susquehanna Unit 1 201212		PREPAR	RER TELEPHONE:	570-542-3747
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	1287 1257			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	6,518.41	220,340.46	
4. Number of Hou	rs Generator On-line	744.00	6,384.05	217,348.56	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	955,839.00	7,814,856.00	233,322,856.70)

UNIT SHUTDOWNS

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

SUMMARY There was one power reduction greater than 20% during December, for a Planned Control Rod Sequence Exchange . On 12/07/12, power was reduced to 67.7% power for the Sequence Exchange and returned to full power on 12/09/12.

DOCKET:	388		PREPAR	ER NAME:	J. Hennings
UNIT_NME: RPT_PERIOD:	Susquehanna Unit 2 201210		PREPAR	ER TELEPHONE:	570-542-3747
1. Design Electric	al Rating:	1287			
2. Maximum Depe	endable Capacity (MWe-Net)	1257			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	6,964.49	215,728.51	
4. Number of Hours Generator On-line		744.00	6,932.54	213,256.50	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	715,566.00	8,484,391.00	231,611,342.30	1

UNIT SHUTDOWNS

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

SUMMARY There was one power reduction greater than 20% in October. The decision to reduce power from 85% down to 65% was made 8 days prior to the reduction. This power reduction on 10/07/12 was performed to mitigate Turbine blade crack growth.

DOCKET: 388			PREPARE	R NAME:	J. Hennings
UNIT_NME: Susquehan RPT_PERIOD: 201211	na Unit 2		PREPARE	R TELEPHONE:	570-542-3747
1. Design Electrical Rating:		1287			
2. Maximum Dependable Capacity (MWe-Net)		1257			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hours the Reacto	r was Critical	315.18	7,279.67	216,043.69	
4. Number of Hours Generator	On-line	225.02	7,157.56	213,481.52	
5. Reserve Shutdown Hours		0.00	0.00	0.00	
6. Net Electrical energy Genera	ted (MWHrs)	208,417.00	8,692,808.00	231,819,759.30	

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
U2 2012-3	11/19/2012	F	235.45	Α	1	On 11/19/12, during a power ramp-up at 18.4%, a Manual Turbine trip was initiated due to an EHC leak on #1 Turbine bypass valve. Reactor power was gradually reduced to perform a soft shutdown on 11/20/12. EHC leaks during Reactor startup resulted in another shutdown from 10% on November 26. An additional Reactor startup was performed on November 28, and the Generator was synchronized to the grid on 11/29/12. Full power was achived on December 3.
U2 2012-2	11/9/2012	F	260.53	A	2	11/09/12 01:17 inserted a Manual Rx Scram from 89.9% power, due to Reactor level control problems with ICS (Integrated Control System). 11/09/12 01:20 manually tripped the Main Turbine.

SUMMARY On 11/09/12 01:17 a Manual Rx Scram was initiated at 89.9 %power, due to Reactor level control problems with ICS (Integrated Control System). The Main Turbine was manually tripped on 11/09/12 01:20. The scheduled/planned maintenance outage began 11/12/2012 at 02:00 for Turbine blade inspection/replacement.

On 11/19/12, during a power ramp-up at 18.4%, a Manual Turbine trip was initiated due to an EHC leak on #1 Turbine bypass valve. Reactor power was gradually reduced and a soft shutdown completed on 11/20/12.

On November 26, EHC leaks during Reactor startup, resulted in another shutdown from 10%. A Reactor startup was performed on November 28, and the Generator was synchronized to the grid on 11/29/12. Full power was achived on December 3rd.

There were no power reductions greater than 20% in November other than the Reactor Shutdown on 11/9/12.

DOCKET: 388			PREPAR	ER NAME:	J. Hennings
UNIT_NME: Susquet RPT_PERIOD: 201212	nanna Unit 2		PREPAR	ER TELEPHONE:	570-542-3747
1. Design Electrical Rating:		1287			
2. Maximum Dependable Capacity (MWe-Net)		1257			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hours the Rea	ctor was Critical	503.13	7,782.80	216,546.82	
4. Number of Hours Genera	tor On-line	453.08	7,610.64	213,934.60	
5. Reserve Shutdown Hours		0.00	0.00	0.00	
6. Net Electrical energy Gen	erated (MWHrs)	502,160.00	9,194,968.00	232,321,919.30	

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
U2 2012-4	12/16/2012	F	86.17	A	3	An Automatic Scram was received on December 16 which was encountered during Turbine Control Valve Testing at full power.
U2 2012-5	12/19/2012	F	204.75	G	3	An Unplanned Automatic Scram was encountered during startup from the Dec 16 forced outage on Dec 19 at 18.4 % power. The Scram occurred while aligning Reactor feedpumps and valves for power ascension. Reactor Start-up from the 12/19/12 outage began on Dec 26 and the Turbine was on-line Dec 28, 2012.

SUMMARY There was one Planned power reduction greater than 20% power, one Unplanned power reduction of greater than 20%, and 2 Unplanned Automatic Reactor Scrams in December.

On 12/02/12 a planned power reduction from 89.9% to 63.7% was performed for a Control Rod adjustment and full power achieved on 12/3/12.

The 20% Unplanned Power Reduction from full power performed on 12/14/12 was due to Tech Spec required action to prepare for a Reactor shutdown if a Control Structure Chiller could not be declared operable. The time requirement was met for operability, and Reactor power returned to full power that same day.

The First Unplanned Automatic Scram was on December 16 which was encountered during Turbine Control Valve Testing at full power. The Second Unplanned Automatic Scram was encountered during startup from the Dec 16 forced outage on Dec 19 at 18.4 % power. The Scram occured while aligning Reactor feedpumps and valves for power ascension. Reactor Start-up from the 12/19/12 outage began on Dec 26 and the Turbine was on-line Dec 28, 2012.

DOCKET:	289		PREPA	RER NAME:	Mark Fauber
UNIT_NME: RPT_PERIOD:	Three Mile Island Unit 1 201210		PREPA	RER TELEPHONE:	(717) 948-8787
1. Design Electrica	al Rating:	819			
2. Maximum Depe	endable Capacity (MWe-Net)	802			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	6,992.67	247,651.85	
4. Number of Hours Generator On-line		744.00	6,967.61	245,843.17	
5. Reserve Shutdo	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	624,454.00	5,963,768.00	203,788,353.40)
			SHIITDOWNS		

UNIT SHUTDOWNS

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

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

DOCKET:	289		PREPAR	ER NAME:	Mark Fauber
UNIT_NME: RPT_PERIOD:	Three Mile Island Unit 1 201211		PREPAR	ER TELEPHONE:	(717) 948-8787
-		040			
1. Design Electric	0	819			
2. Maximum Depe	endable Capacity (MWe-Net)	802			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	721.00	7,713.67	248,372.85	
4. Number of Hours Generator On-line		721.00	7,688.61	246,564.17	
5. Reserve Shutdo	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	614,324.00	6,578,092.00	204,402,677.40	

UNIT SHUTDOWNS

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

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

DOCKET: UNIT_NME: RPT_PERIOD:	289 Three Mile Island Unit 1 201212			ER NAME: ER TELEPHONE:	Mark Fauber (717) 948-8787
 Design Electrica Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	819 802			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	8,457.67	249,116.85	
4. Number of Hou	rs Generator On-line	744.00	8,432.61	247,308.17	
5. Reserve Shutdo	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	630,503.00	7,208,595.00	205,033,180.40	
		UNIT S	HUTDOWNS		

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

SUMMARY The unit operated at nominal full power for the entire month with the exception of the period from 22:00 on 12/8/2012 through 03:55 on 12/9/2012, when a planned power reduction to approximately 90% was completed for main turbine control valve testing.

DOCKET:	250		PREPAR	ER NAME:	Colleen Phillips
UNIT_NME: RPT_PERIOD:	Turkey Point Unit 3 201210		PREPAR	ER TELEPHONE:	305-246-7106
1. Design Electric	0	720			
2. Maximum Depe	endable Capacity (MWe-Net)	693			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	3,043.47	268,691.64	
4. Number of Hou	rs Generator On-line	744.00	2,656.43	265,298.24	
5. Reserve Shutde	own Hours	0.00	0.00	121.80	
6. Net Electrical e	nergy Generated (MWHrs)	277,777.27	1,282,279.74	175,493,002.82	2

UNIT SHUTDOWNS

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

SUMMARY Unit 3 was on line and ascending in power following the Cycle 26 RFO/EPU outage.

DOCKET:	250		PREPAR	ER NAME:	Colleen Phillips
UNIT_NME: RPT_PERIOD:	Turkey Point Unit 3 201211		PREPAR	ER TELEPHONE:	305-246-7106
1. Design Electric	0	720			
2. Maximum Depe	endable Capacity (MWe-Net)	693			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	721.00	3,764.47	269,412.64	
4. Number of Hou	rs Generator On-line	721.00	3,377.43	266,019.24	
5. Reserve Shutdo	own Hours	0.00	0.00	121.80	
6. Net Electrical e	nergy Generated (MWHrs)	581,302.55	1,863,582.29	176,074,305.37	

UNIT SHUTDOWNS

		Туре			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% for the month.

DOCKET:	250		PREPAR	ER NAME:	Colleen Phillips
UNIT_NME: RPT_PERIOD:	Turkey Point Unit 3 201212		PREPAR	ER TELEPHONE:	305-246-7106
1. Design Electric	0	720			
2. Maximum Depe	endable Capacity (MWe-Net)	693			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	4,508.47	270,156.64	
4. Number of Hou	rs Generator On-line	744.00	4,121.43	266,763.24	
5. Reserve Shutde	own Hours	0.00	0.00	121.80	
6. Net Electrical e	nergy Generated (MWHrs)	613,795.19	2,477,377.48	176,688,100.56	

UNIT SHUTDOWNS

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

SUMMARY Unit 3 was at essentially 100% power for the month.

DOCKET:	251		PREPAR	ER NAME:	Colleen Phillips
UNIT_NME: RPT_PERIOD:	Turkey Point Unit 4 201210		PREPAR	ER TELEPHONE:	305-246-7106
1. Design Electric	6	720			
2. Maximum Depe	endable Capacity (MWe-Net)	693			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,319.00	269,205.13	
4. Number of Hou	rs Generator On-line	744.00	7,319.00	264,248.48	
5. Reserve Shutde	own Hours	0.00	0.00	577.20	
6. Net Electrical e	nergy Generated (MWHrs)	526,509.97	5,183,502.07	177,196,776.44	

UNIT SHUTDOWNS

		Туре			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.

DOCKET: UNIT NME:	251 Turkey Point Unit 4			PREPARER		Colleen Phillips
RPT_PERIOD:	201211			PREPARER	R TELEPHONE:	305-246-7106
1. Design Electric	cal Rating:	720				
2. Maximum Dep	endable Capacity (MWe-Ne	et) 693				
		Th	is Month	Yr-to-Date	Cumulative	
3. Number of Ho	urs the Reactor was Critical	97.	.02	7,416.02	269,302.15	
4. Number of Ho	urs Generator On-line	97.	.02	7,416.02	264,345.50	
5. Reserve Shute	lown Hours	0.0	00	0.00	577.20	
6. Net Electrical	energy Generated (MWHrs)	51,	,858.37	5,235,360.44	177,248,634.81	
			UNIT SHU	TDOWNS		
	Туре			Method o	of	
	F: Forced	Duration		Shutting	g Cau	se - Corrective Action
No. Dat	e S: Scheduled	(Hours)	Reason 1	Down 2		Comments
20120 11/5/201 016	2 S	623.98	С	1	Cycle 27 R	efueling EPU outage

SUMMARY Unit 4 reduced power on 11/3/12 and was taken off line on 11/5/12 for the Cycle 27 RFO/EPU outage.

DOCKET:	251		PREPAR	RER NAME:	Colleen Phillips
UNIT_NME: RPT_PERIOD:	Turkey Point Unit 4 201212		PREPAR	ER TELEPHONE:	305-246-7106
 Design Electric Maximum Dep 	cal Rating: endable Capacity (MWe-Net)	720 693			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	urs the Reactor was Critical	0.00	7,416.02	269,302.15	
4. Number of Hou	urs Generator On-line	0.00	7,416.02	264,345.50	
5. Reserve Shutd	lown Hours	0.00	0.00	577.20	
6. Net Electrical e	energy Generated (MWHrs)	0.00	5,235,360.44	177,248,634.81	

UNIT SHUTDOWNS

		Туре			Method of	
No.	Date	F: Forced S: Scheduled	Duration (Hours)	Reason 1	Shutting Down 2	Cause - Corrective Action Comments
20120 016	11/5/2012	S	744.00	C	4	Cycle 27 Refueling EPU outage

SUMMARY Unit 4 was in Cycle 27 RFO/EPU outage for the entire month.

DOCKET:	271		PREPAR	ER NAME:	Anthony L. Stevens
UNIT_NME: RPT_PERIOD:	Vermont Yankee Unit 1 201210		PREPAR	ER TELEPHONE:	(802) 451-3176
1. Design Electrical Rating:		617			
2. Maximum Depe	endable Capacity (MWe-Net)	605			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,319.00	305,145.37	
4. Number of Hou	rs Generator On-line	744.00	7,319.00	301,253.16	
5. Reserve Shutdo	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	441,497.00	4,131,351.00	152,518,423.00	

UNIT SHUTDOWNS

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

 SUMMARY
 Date
 Activity
 MWhr S / F

 10/1-10/17
 PSNH Line Outage
 11969 S-Excluded

 10/2
 Chlorination of CW System
 130 S

 10/29-30
 Hurricane Sandy - Grid Stability ISO-ordered downpower
 1863 F-Excluded

 Total All Losses (Scheduled and Forced) = 12099 MW-hr electric
 12099 MW-hr electric

DOCKET: UNIT_NME:	271 Vermont Yankee Unit 1			ER NAME: ER TELEPHONE:	Anthony L. Stevens (802) 451-3176
RPT_PERIOD:	201211				
 Design Electrical Rating: Maximum Dependable Capacity (MWe-Net) 		617 605			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	721.00	8,040.00	305,866.37	
4. Number of Hou	rs Generator On-line	721.00	8,040.00	301,974.16	
5. Reserve Shutdo	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	428,092.00	4,559,443.00	152,946,515.00	

UNIT SHUTDOWNS

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

SUMMARY	Dates Activity	MWhr S / F

- 11/1Rod Pattern Adjustment16 S11/5 -Rod Sequence Exchange, "B" Recirc MG Set 16442 S11/10Brush Replacement, & Associated Passes11/25Rod Pattern Adjustment216 S

Total All Losses (Scheduled and Forced) = 16674 MW-hr electric

DOCKET:	271		PREPAR	ER NAME:	Anthony L. Stevens
UNIT_NME: RPT_PERIOD:	Vermont Yankee Unit 1 201212		PREPAR	ER TELEPHONE:	(802) 451-3176
 Design Electrical Rating: Maximum Dependable Capacity (MWe-Net) 		617 605			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	8,784.00	306,610.37	
4. Number of Hou	rs Generator On-line	744.00	8,784.00	302,718.16	
5. Reserve Shutdo	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	456,832.00	5,016,275.00	153,403,347.00	

UNIT SHUTDOWNS

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

SUMMARY	Dates Activity	MWhr S/F
SUMMART	,	
	12/7 Rod Pattern Adjustment	1167 S
	12/9 Rod Pattern Adjustment	21 S
	12/21 Rod Pattern Adjustment	29 S
	12/26 Downpower to 98% for C-Demin.	7 F<10 days
	Run life extension per Hotwell ODM	
	12/27 Downpower to 98% for C-Demin.	18 F<10 days
	Run life extension per Hotwell ODM	
	12/28 Downpower to 98% for C-Demin.	47 F<10 days
	Run life extension per Hotwell ODM	
	12/29 Downpower to 98% for C-Demin.	14 F<10 days
	Run life extension per Hotwell ODM	
	12/30 Rod Pattern Adjustment	767 S
	12/31 Downpower to 98% for C-Demin.	21 F<10 days
	Run life extension per Hotwell ODM	

Total All Losses (Scheduled and Forced) = 2091 MW-hr electric

DOCKET:	424		PREPAR	RER NAME:	Doug Holt
UNIT_NME: RPT_PERIOD:	Vogtle Unit 1 201210		PREPAR	RER TELEPHONE:	706-826-3467
 Design Electrical Rating: Maximum Dependable Capacity (MWe-Net) 		1169 1150			
2. Maximum Dep		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	368.20	6,561.14	202,672.49	
4. Number of Hou	irs Generator On-line	325.33	6,497.21	200,582.62	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	324,650.00	7,485,827.00	227,645,730.50)

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
2012-3	9/16/2012	S	411.88	С	4	Unit 1 17th refueling outage
2012-4	10/18/2012	F	6.78	F	5	Turbine High Vibrations

SUMMARY On October 01 at 00:00, Unit 1 remained shutdown for refueling outage 1R17. There was an unplanned outage schedule extension from October 12 at 06:00 to October 18 at 03:53 due to operational issues with main steam isolation valves. The Unit 1 generator was connected to the grid following 1R17 on October 18 at 03:53. On October 18 at 03:56 the Unit 1 turbine was manually tripped due to high bearing vibration. On October 18 at 10:43 the Unit 1 generator was again connected to the grid and the unit began to ramp up in power. On October 20 between 23:06 and 23:36 operators performed turbine control valve testing. On October 21 at 11:15 Unit 1 was at approximately 96% reactor power and began to ramp back down to approximately 83% power due to high secondary sodium levels indicating a potential condenser tube leak. Although no tube leak was found, secondary sodium levels continued to lower and on October 23 at 16:02 Operators began to ramp up in power. On October 25 at approximately 04:19 Unit 1 was returned to full reactor power operation and maintained full power operation for the remainder of the month.

DOCKET: UNIT_NME: RPT_PERIOD:	424 Vogtle Unit 1 201211			ER NAME: ER TELEPHONE:	Doug Holt 706-826-3467
 Design Electrical Rating: Maximum Dependable Capacity (MWe-Net) 		1169 1150			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	721.00	7,282.14	203,393.49	
4. Number of Hou	irs Generator On-line	721.00	7,218.21	201,303.62	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	852,490.00	8,338,317.00	228,498,220.50)

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 was at maximum operating power during the month of November.

DOCKET: UNIT_NME: RPT_PERIOD:	424 Vogtle Unit 1 201212			ER NAME: ER TELEPHONE:	Doug Holt 706-826-3467
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	1169 1150			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	8,026.14	204,137.49	
4. Number of Hou	rs Generator On-line	744.00	7,962.21	202,047.62	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	878,653.00	9,216,946.00	229,376,849.50)

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 was at maximum operating power during the month of December.

DOCKET: UNIT_NME: RPT_PERIOD:	425 Vogtle Unit 2 201210			ER NAME: ER TELEPHONE:	Doug Holt 706-826-3467
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	1169 1152			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,319.00	188,021.10	
4. Number of Hou	rs Generator On-line	744.00	7,319.00	186,734.17	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	876,234.00	8,601,768.00	212,688,214.50	

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 maximum operating power during the month of October.

DOCKET:	425		PREPAR	ER NAME:	Doug Holt
UNIT_NME: RPT_PERIOD:	Vogtle Unit 2 201211		PREPAR	ER TELEPHONE:	706-826-3467
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	1169 1152			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	721.00	8,040.00	188,742.10	
4. Number of Hou	rs Generator On-line	721.00	8,040.00	187,455.17	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	856,383.00	9,458,151.00	213,544,597.50	

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 maximum operating power during the month of November.

DOCKET: UNIT_NME: RPT_PERIOD:	425 Vogtle Unit 2 201212			ER NAME: ER TELEPHONE:	Doug Holt 706-826-3467
 Design Electric Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	1169 1152			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	8,784.00	189,486.10	
4. Number of Hou	rs Generator On-line	744.00	8,784.00	188,199.17	
5. Reserve Shutde	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	883,076.00	10,341,227.00	214,427,673.50)

UNIT SHUTDOWNS

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

SUMMARY Through December 2 at approximately 22:15, Unit 2 was at maximum operating power with no significant operating problems. On December 2 at approximately 22:15, Unit 2 began a planned derate to approximately 98% reactor power for turbine control valve testing. On December 3 at approximately 05:00, the Unit 2 reactor had returned to maximum operating power and remained there for the rest of the month.

DOCKET:	382		PREPAR	RER NAME:	Jim Pollock
UNIT_NME: RPT_PERIOD:	Waterford Unit 3 201210		PREPAR	RER TELEPHONE:	(504) 739-6561
1. Design Electric	al Rating:	1173			
2. Maximum Dep	endable Capacity (MWe-Net)	1152			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	urs the Reactor was Critical	383.82	6,848.13	209,441.20	
4. Number of Hou	urs Generator On-line	383.82	6,822.62	207,814.20	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	446,000.00	7,880,314.00	227,949,332.00)

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
12-02	10/16/2012	S	360.18	С	1	A controlled plant shutdown was completed in preparation to perform scheduled Refueling Outage 18.

SUMMARY The unit operated at an average reactor power level of 50.8% during the month. The unit began the month at full power. On October 16, 2012, plant power was partially reduced in accordance with Technical Specifications due to a failed Main Steam Safety Valve setpoint test; the downpower was terminated at approximately 88.0% power when the safety valve was declared operable. The plant was shutdown at 23:49 on October 16, 2012 to perform Refueling Outage 18 and remained off-line for the remainder of the month.

DOCKET: 3	82		PREPARI	ER NAME:	Jim Pollock
_	Vaterford Unit 3 01211		PREPARI	ER TELEPHONE:	(504) 739-6561
1. Design Electrical R	Rating:	1173			
2. Maximum Dependa	able Capacity (MWe-Net)	1152			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hours the	he Reactor was Critical	0.00	6,848.13	209,441.20	
4. Number of Hours C	Generator On-line	0.00	6,822.62	207,814.20	
5. Reserve Shutdown	n Hours	0.00	0.00	0.00	
6. Net Electrical energy	gy Generated (MWHrs)	0.00	7,880,314.00	227,949,332.00	

UNIT SHUTDOWNS

		Туре			Method of	
No.	Date	F: Forced S: Scheduled	Duration (Hours)	Reason 1	Shutting Down 2	Cause - Corrective Action Comments
12-02	10/16/2012	S	720.00	С	4	A controlled plant shutdown was completed in preparation to perform scheduled Refueling Outage 18.

SUMMARY The unit remained shutdown during the month of November 2012 to continue performance of planned Refueling Outage 18.

DOCKET:	382		PREPAR	RER NAME:	Jim Pollock
UNIT_NME: RPT_PERIOD:	Waterford Unit 3 201212		PREPAR	ER TELEPHONE:	(504) 739-6561
1. Design Electric	al Rating:	1173			
2. Maximum Dep	endable Capacity (MWe-Net)	1152			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	0.00	6,848.13	209,441.20	
4. Number of Hou	irs Generator On-line	0.00	6,822.62	207,814.20	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	0.00	7,880,314.00	227,949,332.00)

UNIT SHUTDOWNS

		Туре			Method of	
No.	Date	F: Forced S: Scheduled	Duration (Hours)	Reason 1	Shutting Down 2	Cause - Corrective Action Comments
12-02	10/16/2012	S	744.00	С	4	A controlled plant shutdown was completed in preparation to perform scheduled Refueling Outage 18.

SUMMARY The unit remained shutdown during the month of December 2012 to continue performance of planned Refueling Outage 18.

DOCKET:	OCKET: 390			PREPARER NAME: M. G. Long		
UNIT_NME: RPT_PERIOD:	Watts Bar Unit 1 201210		PREPAR	ER TELEPHONE:	423-365-1434	
1. Design Electric	cal Rating:	1160				
2. Maximum Dep	endable Capacity (MWe-Net)	1123				
		This Month	Yr-to-Date	Cumulative		
3. Number of Hor	urs the Reactor was Critical	94.75	6,129.12	129,852.07		
4. Number of Hor	urs Generator On-line	68.02	6,092.14	129,163.63		
5. Reserve Shute	down Hours	0.00	0.00	0.00		
6. Net Electrical e	energy Generated (MWHrs)	7,118.00	6,851,613.00	144,606,589.08		

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
U1 R11	9/10/2012	S	675.98	С	4	On September 10, 2012 at 00:00 hours Watts Bar Nuclar Plant began their Unit 1 R11 refueling outage

SUMMARY

DOCKET:	390		PREPAR	ER NAME:	M. G. Long
UNIT_NME: RPT_PERIOD:	Watts Bar Unit 1 201211		PREPAR	ER TELEPHONE:	12/03/12
1. Design Electric		1160			
0	endable Capacity (MWe-Net)	1123			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	721.00	6,850.12	130,573.07	
4. Number of Hou	irs Generator On-line	721.00	6,813.14	129,884.63	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	energy Generated (MWHrs)	834,875.00	7,686,488.00	145,441,464.08	5

UNIT SHUTDOWNS

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

SUMMARY Completion of power ascension from U1R11

DOCKET:	390		PREPAR	ER NAME:	M. G. Long
UNIT_NME: RPT_PERIOD:	Watts Bar Unit 1 201212		PREPAR	ER TELEPHONE:	423-365-1434
1. Design Electric	al Rating:	1160			
2. Maximum Depe	endable Capacity (MWe-Net)	1123			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	irs the Reactor was Critical	744.00	7,594.12	131,317.07	
4. Number of Hou	rs Generator On-line	744.00	7,557.14	130,628.63	
5. Reserve Shutd	own Hours	0.00	0.00	0.00	
6. Net Electrical e	nergy Generated (MWHrs)	829,983.00	8,516,471.00	146,271,447.08	

UNIT SHUTDOWNS

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

SUMMARY Downpower to ~ 20% due to #2 Main Feedwater Regulating Valves I/P failures

DOCKET: UNIT_NME: RPT_PERIOD:	482 Wolf Creek Unit 1 201210			ER NAME: ER TELEPHONE:	W. T. Muilenburg 620 364-8831
 Design Electrica Maximum Depetition 	al Rating: endable Capacity (MWe-Net)	1200 1164			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	5,560.97	205,881.98	
4. Number of Hou	rs Generator On-line	744.00	5,549.23	204,279.98	
5. Reserve Shutdo	own Hours	0.00	0.00	339.80	
6. Net Electrical e	nergy Generated (MWHrs)	900,138.00	6,529,423.00	234,364,461.00	1

UNIT SHUTDOWNS

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

SUMMARY The unit operated in Mode 1, at or near 100% power from October 1, 2012 until October 31, 2012.

DOCKET: UNIT_NME: RPT_PERIOD:	482 Wolf Creek Unit 1 201211			ER NAME: ER TELEPHONE:	W T Muilenburg 620 364-8831
 Design Electrica Maximum Dependent 	al Rating: endable Capacity (MWe-Net)	1200 1164			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	721.00	6,281.97	206,602.98	
4. Number of Hou	rs Generator On-line	721.00	6,270.23	205,000.98	
5. Reserve Shutdo	own Hours	0.00	0.00	339.80	
6. Net Electrical e	nergy Generated (MWHrs)	863,023.00	7,392,446.00	235,227,484.00	
		UNIT S	HUTDOWNS		

		Туре			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 November 1, 2012 until November 26, 2012. While troubleshooting for a degradation of an RCS Loop 4 Narrow Range Thot instrument (drifting high), a unit load rejection occurred, resulting in a power reduction to ~64%. Additional troubleshooting identified a failed circuit card. The circuit card was replaced and the unit was returned to 100% power on November 28, 2012. The unit continued to operated in Mode 1 from November 28, 2012 until November 30, 2012.

DOCKET: UNIT_NME: RPT_PERIOD:	482 Wolf Creek Unit 1 201212	PREPARER NAME: PREPARER TELEPHONE:		W T Muilenburg 620 364-8831	
 Design Electrical Rating: Maximum Dependable Capacity (MWe-Net) 		1200 1164			
		This Month	Yr-to-Date	Cumulative	
3. Number of Hou	rs the Reactor was Critical	744.00	7,025.97	207,346.98	
4. Number of Hou	rs Generator On-line	744.00	7,014.23	205,744.98	
5. Reserve Shutdo	own Hours	0.00	0.00	339.80	
6. Net Electrical energy Generated (MWHrs)		903,483.00	8,295,929.00	236,130,967.00)

UNIT SHUTDOWNS

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

SUMMARY The unit operated in mode 1, at or 100% power from December 1, 2012 through December 31, 2012.