	DOCKET NO	50-269
	DATE A	ugust 14, 1992
OPERATING STATUS	COMPLETED BY	R.A. Williams
· · · · · · · · · · · · · · · · · · ·	TELEPHONE	704-382-5346
1. Unit Name: Oconee 1	· -	
2. Reporting Period: July 1, 1992-July 31, 1992		
3. Licensed Thermal Power (MWt): 2568	r	
4. Nameplate Rating (Gross MWe): 934	Notes Year-to da	te and
5. Design Electrical Rating (Net MWe): 886	cumulative capaci	ty factors
6. Maximum Dependable Capacity (Gross MWe); 886	are calculated us	ing a weighted
7. Maximum Dependable Capacity (Net MWe): 846	average for maxim	um dependable
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last	capacity.	·
Report. Give Reasons:	L	
· · · · · · · · · · · · · · · · · · ·		
		· · · ·

Forecast

Achieved

	This Month	Yrto-Date	Cumulative
11. Hours In Reporting Period	744.0	5111.0	166944.0
12. Number Of Hours Reactor Was Critical	744.0	4635.6	127844.2
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	744.0	4613.1	125324.0
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1912440	11760024	306412822
17. Gross Electrical Energy Generated (NWH)	658030	4061552	106017534
18. Net Electrical Energy Generated (MWH)	628469	3877570	100687313
19. Unit Service Factor	100.0	90.3	75.1
20. Unit Availability Factor	100.0	90.3	75.1
21. Unit Capacity Factor (Using MDC Net)	99.8	89.7	70.3
22. Unit Capacity Factor (Using DER Net)	95.3	85.6	68.0
23. Unit Forced Outage Rate	0.0	9.7	11.0
24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Refueling - November 12, 1992 - 45 days			

25. If Shut Down At End Of Report Period. Estimated Date of Startup:_____
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY INITIAL ELECTRICITY COMMERCIAL OPERATION

NRC Calculated from Generator Nameplate Data: 1 037 937 KVA x 0.90 Pf=934 MW

9208190196 920813 PDR ADOCK 05000269 PDR

DOCKET NO	50-269		
UNIT	Oconee 1		
DATE	August 14, 1992		
COMPLETED BY	R.A. Williams		
TELEPHONE	704-382-5346		

MONTH July, 1992

<u>Day</u>	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY PDWER LEVEL (MWe-Net)
1	847	17	
5		18	845
3	848	19	844
4	847	20	844
5	847	21	844
6	845	22	844
7	846	23	844
8	846	24	844
9	846	25	843
10	846	26	843
11	846	27	842
12	845	28	842
13	845	29	841
14	845	30	843
15	845	31	843
16			

								• •		
					UNI	T SHU	TDOWNS AND	POWE	R REDUCTIO	NS DOCKET NO. 50-269 UNIT NAME OCONEE 1
		· · ·			REP	ORT M	ONTH	Ju	ly 1992	COMPLETED BY TELEPHONE (704)-382-5263
			(1)		(2) R E	(3) MET- HOD		(4)	(5)	
	N O	DATE	T Y P E	DURATION HOURS	A S O N	OF SHUT DOWN R/X	LICENSE EVENT REPORT NO.	SYS- TEM CODE	COMPONENT CODE	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
			NO	SHUTDOWNS	OR		REDUCTION	S .		
				· .	,					
								ı		
									×.	
(1) F For S Sch	(2) ced Re eduled A- B- C- D- E- F- G- H-	Ason Agui Agui Agui Agu Agu Agu Agu Agu Agu Agu Agu Agu Agu	: pment Failu tenance or eling latory Rest ator Traini nistrative ator Error r (Explain)	re test ng & (Exp	(Expla zion Lice plain)	ain) ense Examir	natior	(3) Method: 1-Manual 2-Manual 3-Automa 4-Other	(4) Exhibit G - Instructions for Preparation of Data Entry Sheets For License Event Report (LER) File (NUREG-0161) (5) Exhibit I - Same Source
		•								

UNIT: Oconee 1

DATE: 8/13/92

NARRATIVE SUMMARY

MONTH: July 1992

Oconee Unit 1 began the month of July operating at 100% full power. The unit operated at or near 100% full power for the entire month.

MONTHLY REFUELING INFORMATION REQUEST

- 1. Facility name: <u>Oconee</u>, <u>Unit 1</u>
- 2. Scheduled next refueling shutdown: November 1992
- 3. Scheduled restart following refueling: <u>December 1992</u>

THE PROJECT MANAGER HAS BEEN ADVISED BY SEPARATE COMMUNICATION OF ANY T.S. CHANGE OR LICENSE AMENDMENT. THEREFORE, QUESTIONS 4 THROUGH 6 WILL NO LONGER BE MAINTAINED IN THIS REPORT.

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

If yes, what will these be?

If no, has reload design and core configuration been reviewed by Safety Review Committee regarding unreviewed safety questions?

- 5. Scheduled date(s) for submitting proposed licensing action and supporting information.
- 6. Important licensing considerations (new or different design or supplier, unreviewed design or performance analysis methods, significant changes in design or new operating procedures).
- 7. Number of Fuel assemblies
- (a) in the core: <u>177</u>
 (b) in the spent fuel pool: <u>954</u>*
 (c) in the ISFSI: 432****
- 8. Present licensed fuel pool capacity: <u>1312</u> Size of requested or planned increase: **
- 9. Projected date of last refueling which can be accommodated by present licensed capacity: <u>February 2013</u>***

DUKE POWER COMPANY

DATE: August 13, 1992

Name of Contact: <u>R. A. Williams</u> Phone: 704-382-5346

* Represents the combined total for Units 1 and 2

** On January 29, 1990, received a license for ISFSI which will store 2112 assemblies

*** This date is based on 88 Dry Storage Modules. We currently have 20 modules (480 spaces). Additional modules will be built on an as needed basis.

**** Represents the combined total for Units 1,2 and 3

	DOCKET NO 50-270
	DATE August 14, 1992
OPERATING STATUS	COMPLETED BY R.A. Williams
	TELEPHONE 704-382-5346
1. Unit Name: Oconee 2	
2. Reporting Period: July 1, 1992-July 31, 1992	
3. Licensed Thermal Power (MWt): 2568	
4. Nameplate Rating (Gross MWe): 934	Notes Year-to date and
5. Design Electrical Rating (Net MWe): 886	cumulative capacity factors
6. Maximum Dependable Capacity (Gross MWe): 886	are calculated using a weighted
7. Maximum Dependable Capacity (Net MWe): 846	average for maximum dependable
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last	capacity.
Report. Give Reasons:	
	-
9. Power Level To Which Restricted, If Any (Net NWe):	
10. Reason For Restrictions, If any:	· · · · ·

	This Month	Yrto-Date	Cumulative
11. Hours In Reporting Period	744.0	5111.0	156864.0
12. Number Of Hours Reactor Was Critical	744.0	3709.8	123054.8
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	744.0	3680.4	121358.9
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1912440	9310104	293834990
17. Gross Electrical Energy Generated (NWH)	661177	3205699	100318030
18. Net Electrical Energy Generated (NWH)	631554	3052986	95495210
19. Unit Service Factor	100.0	72.0	77.4
20. Unit Availability Factor	100.0	72.0	77.4
21. Unit Capacity Factor (Using MDC Net)	100.3	70.6	71.0
22. Unit Capacity Factor (Using DER Net)	95.8	67.4	68.7
23. Unit Forced Outage Rate	0.0	1.3	9.3
24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each)	;		
None			

> INITIAL CRITICALITY INITIAL ELECTRICITY COMMERCIAL OPERATION

NRC Calculated from Generator Nameplate Data: 1 037 937 KVA x 0.90 Pf=934 MW

DOCKET NO	50-270		
UNIT	Oconee 2		
DATE	August 14, 1992		
CONPLETED BY	R.A. Williams		
TELEPHONE	704-382-5346		

MONTH July, 1992

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1		17	850
2		18	849
3		19	849
4	854	20	849
5	853	21	845
6	852	22	844
7	852	23	844
8	852	24	844
9	851	25	848
10	852	26	849
11	850	27	849
12	853	28	852
13	851	29	851
14	850	30	848
15	850	31	815
16	849		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-270 UNIT NAME OCONEE 2 DATE 08/13/92 REPORT MONTH July 1992 COMPLETED BY N. C. SIMMONS TELEPHONE (704) - 382 - 5263(2) REASO (1)(3) MET-(5) (4) HOD T Y P OF LICENSE N SHUT EVENT SYS-CAUSE AND CORRECTIVE ACTION TO 0 DURATION DOWN REPORT TEM COMPONENT DATE Ē HOURS Ν R/X NO. CODE CODE PREVENT RECURRENCE NO SHUTDOWNS OR REDUCTIONS (1) F (2)(3)(4) Exhibit G - Instructions for Preparation of Data Entry Sheets For License Event Report (LER) File (NUREG-0161) Forced Reason: Method: A-Equipment Failure (Explain) B-Maintenance or test S Scheduled 1-Manual 2-Manual Scram C-Refueling 3-Automatic Scram D-Regulatory Restriction E-Operator Training & License Examination 4-Other (Explain) F-Administrative G-Operator Error (Explain) H-Other (Explain) (5) Exhibit I - Same Source

UNIT: Oconee 2

DATE: 8/13/92

NARRATIVE SUMMARY

MONTH: July 1992

Oconee Unit 2 began the month of July operating at 100% full power. The unit operated at or near 100% full power for the entire month.

MONTHLY REFUELING INFORMATION REQUEST

- 1. Facility name: <u>Oconee</u>, <u>Unit 2</u>
- 2. Scheduled next refueling shutdown: <u>April 1993</u>
- 3. Scheduled restart following refueling: June 1993

THE PROJECT MANAGER HAS BEEN ADVISED BY SEPARATE COMMUNICATION OF ANY T.S. CHANGE OR LICENSE AMENDMENT. THEREFORE, QUESTIONS 4 THROUGH 6 WILL NO LONGER BE MAINTAINED IN THIS REPORT.

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

If yes, what will these be?

If no, has reload design and core configuration been reviewed by Safety Review Committee regarding unreviewed safety questions?

- 5. Scheduled date(s) for submitting proposed licensing action and supporting information.
- 6. Important licensing considerations (new or different design or supplier, unreviewed design or performance analysis methods, significant changes in design or new operating procedures).

(a)

- 7. Number of Fuel assemblies
- in the core: <u>177</u>
- (b) in the spent fuel pool: <u>954</u>*
- (C) in the ISFSI: See Unit 1****
- 8. Present licensed fuel pool capacity: <u>1312</u> Size of requested or planned increase: **
- 9. Projected date of last refueling which can be accommodated by present licensed capacity: <u>October 2013***</u>

DUKE POWER COMPANY DATE: August 13, 1992

Name of Contact: <u>R. A. Williams</u> Phone: 704-382-5346

* Represents the combined total for Units 1 and 2 ** See footnote on Unit 1 *** This date is based on 88 Dry Storage Modules. We currently have 20 modules (480 spaces). Additional modules will be built on an as needed basis. **** See footnote on Unit 1

	DOCKET NO 50-287
	DATE August 14, 1992
OPERATING STATUS	COMPLETED BY R.A. Williams
	TELEPHONE 704-382-5346
1. Unit Name: Oconee 3	
2. Reporting Period: July 1, 1992-July 31, 1992	
3. Licensed Thermal Power (MWt): 2568	
4. Nameplate Rating (Gross MWe): 934	Notes Year-to date and
5. Design Electrical Rating (Net MWe): 886	cumulative capacity factors
6. Maximum Dependable Capacity (Gross MWe): 886 .	are calculated using a weighted
7. Maximum Dependable Capacity (Net MWe): 846	average for maximum dependable
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last	capacity.
Report. Give Reasons:	

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9. Power Level To Which Restricted, If Any (Net NWe):_____ 10. Reason For Restrictions, If any:_____

	This Month	Yrto-Date	Cumulative
11. Hours In Reporting Period	744.0	5111.0	154511.0
12. Number Of Hours Reactor Was Critical	498.2	4700.8	118433.3
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	496.0	4679.8	116851.0
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1240656	11748264	289333161
17. Gross Electrical Energy Generated (NWH)	424390	4025194	99708121
18. Net Electrical Energy Generated (MWH)	403042	3846862	95085282
19. Unit Service Factor	66.7	91.6	75.6
20. Unit Availability Factor	66.7	91.6	75.6
21. Unit Capacity Factor (Using MDC Net)	64.0	89.0	71.8
22. Unit Capacity Factor (Using DER Net)	61.1	85.0	69-4
23. Unit Forced Outage Rate	0.0	3.8	10.9
24. Shutdown Scheduled Over Next & Months (Type, Date, and Duration of Each): Currently Refueling		010	

25. If Shut Down At End Of Report Period. Estimated Date of Startup: Septemb	er 9, 1992
26. Units In Test Status (Prior to Commercial Operation):	Forecast Achieved
INITIAL CRITICALITY	
INITIAL ELECTRICITY	
CONMERCIAL OPERATION	

NRC Calculated from Generator Nameplate Data: 1 037 937 KVA x 0.90 Pf=934 MW

DOCKET NO	50-287						
UNIT	Oconee 3						
DATE	August 14, 1992						
COMPLETED BY	R.A. Williams						
TELEPHONE	704-382-5346						

7.61/			
UAY	AVERAGE DAILY PUWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	844	17	842
2	843	18	841
3	843	19	841
4	843	20	840
5		21	421
6	843	22	0
7	843	23	0
8	842	24	0
9	842	25	0
10	831	26	0
11	662	27	0
12	680	28	0
13	839	29	
14	839	30	0
15	840	31	0

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MONTH July, 1992

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				UNI	T SHU	LDOWNS AND	POWE	R REDUCTIO	NS DOCKET NO. 50-287 UNIT NAME OCONEE 3
				REP	ORT MO	ОМТН	Ju	ly 1992	COMPLETED BY TELEPHONE (704)-382-5263
		(1)		(2) R	(3) MET-		(4)	(5)	
N O	DATE	T Y P E	DURATION HOURS	E A S O N	HOD OF SHUT DOWN R/X	LICENSE EVENT REPORT NO.	SYS- TEM CODE	COMPONENT CODE	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
7-P	92- 7-11	F		В			нн	PUMPXX	HEATER DRAIN PUMP DEAD HEAD TEST
5	92- 7-21	S	248.00	С	1		RC	FUELXX	END-OF-CYCLE '13' REFUELING OUTAGE
(1) F Forced S Scheduled (2) Reason: A-Equipment Failure (Explain) B-Maintenance or test C-Refueling D-Regulatory Restriction E-Operator Training & License Examination F-Administrative G-Operator Error (Explain) H-Other (Explain) (3) Method: 1-Manual 2-Manual Scram 4-Other (Explain) (4) Exhibit G - Instructions for Preparation of Data Entry Sheets For License Event Report (LER) File (NUREG-0161) (5) Exhibit I - Same Source									
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. . UNIT: Oconee 3

DATE: 8/13/92

NARRATIVE SUMMARY

MONTH: July 1992

Oconee Unit 3 began the month of July operating at 100% full power. On 7/10 at 1930 the unit started a load decrease and secured at 84% at 7/11 0030 to remove a heater drain pump from service. After the pump was removed from service the unit decreased load from 0200 to 0420. The unit held at 80% power for a heater drain pump dead head test from 0420 to 1606 when the unit started increasing in power. The unit held at 92% power from 2105 to 2340 to perform nuclear instrumentation calibrations. The unit started power escalation at 2340 and reached 100% full power at 7/13 at 0235. On 7/21 at 0800 the unit started a power decrease to take the unit off-line. The unit was taken off-line at 1600 for End-of-Cycle 13 refueling outage. The unit was in the refueling outage for the remainder of the month.

MONTHLY REFUELING INFORMATION REQUEST

- 1. Facility name: <u>Oconee</u>, <u>Unit 3</u>
- 2. Scheduled next refueling shutdown: July 1992
- 3. Scheduled restart following refueling: September 1992

THE PROJECT MANAGER HAS BEEN ADVISED BY SEPARATE COMMUNICATION OF ANY T.S. CHANGE OR LICENSE AMENDMENT. THEREFORE, QUESTIONS 4 THROUGH 6 WILL NO LONGER BE MAINTAINED IN THIS REPORT.

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

If yes, what will these be?

If no, has reload design and core configuration been reviewed by Safety Review Committee regarding unreviewed safety questions?

- 5. Scheduled date(s) for submitting proposed licensing action and supporting information.
- 6. Important licensing considerations (new or different design or supplier, unreviewed design or performance analysis methods, significant changes in design or new operating procedures).
- 7. Number of Fuel assemblies

(a) in the core: <u>177</u>

(b) in the spent fuel pool: <u>508</u>
(c) in the ISFSI: <u>See Unit</u> 1****

- Present licensed fuel pool capacity: <u>825</u>
 Size of requested or planned increase: **
- 9. Projected date of last refueling which can be accommodated by present licensed capacity: July 2014***

DUKE POWER COMPANYDATE:August 13, 1992Name of Contact:R. A. WilliamsPhone:704-382-5346

** See footnote on Unit 1
*** This date is based on 88 Dry Storage Modules. We currently have 20
modules (480 spaces). Additional modules will be built on an as needed
basis.
**** See footnote on Unit 1

REVISION 2

UNIT SHUTDOWNS AND POWER REDUCTIONS

REVISION 2						UNIT SHUTDOWNS AND POWER REDUCTIONS				NS DOCKET NO. 50-269 UNIT NAME OCONEE 1	
						REPORT MONTH May			ay 1992	COMPLETED BY TELEPHONE (704)-382-5263	
			(1)		(2) R E	(3) MET- HOD		(4)	(5)		
,	N O •	DATE	T Y P E	DURATION HOURS	A S O N	OF SHUT DOWN R/X	LICENSE EVENT REPORT NO.	SYS- TEM CODE	COMPONENT CODE	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE	
	2	92- 5- 7	F	13.78	A	3		EE	GENERA	TURBINE/REACTOR TRIP DUE TO A CONNECTOR COMING LOOSE ON THE GENERATOR EXCITER FIELD BREAKER	
	3	92- 5- 8	F	88.75	B	3		нн	XXXXXX	REACTOR TRIP DUE TO ANTICIPATORY LOW DISCHARGE PRESSURE TRIP ON THE MAIN FEEDWATER PUMP	
	6-P	92- 5-12	F		В			СВ	XXXXXX	PRIMARY CHEMISTRY	
	7 - P	92- 5-12	F		В			СВ	xxxxxx	PRIMARY CHEMISTRY	
	4	92- 5-25	F	165.07	A	1		СВ	PUMPXX	REACTOR COOLANT PUMP SEAL LEAKAGE REPAIR	
(1) F Forced S Scheduled (2) Reason: A-Equipment Failure (Explain) B-Maintenance or test C-Refueling D-Regulatory Restriction E-Operator Training & License Examination F-Administrative (2) (3) Method: 1-Manual 2-Manual Scram 3-Automatic Scram 4-Other (Explain) (4) Exhibit G - Instructions Entry Sheets For Licens Event Report (LER) File (NUREG-0161) (5)											
H-Other (Explain)										Exhibit I - Same Source	

UNIT SHUTDOWNS AND POWER REDUCTIONS

REVISION 1						UNIT SHUTDOWNS AND POWER REDUCTIONS				R REDUCTION	NS DOCKET NO. 50-287 UNIT NAME OCONEE 3
					REPORT MONTH			June 1992		DATE 07/15/92 COMPLETED BY N. C. SIMMONS TELEPHONE (704)-382-5263	
				(1)		(2) R E	(3) MET- HOD		(4)	(5)	
	N O ·	DA	TE	Y P E	DURATION HOURS	A S O N	OF SHUT DOWN R/X	LICENSE EVENT REPORT NO.	SYS- TEM CODE	COMPONENT CODE	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
	4	92-	6-24	F	15.63	A	3		СН	INSTRU	REACTOR TRIP DUE TO ERRONEOUS HIGH STEAM GENERATOR LEVEL SIGNAL WHICH RESULTED IN BOTH MAIN FEEDWATER PUM TRIPPING
	6-P	92-	6-26	F		В		· · ·	IA	INSTRU	NUCLEAR INSTRUMENTATION CALIBRATION
											· ·
·											
(1) F Forced S Scheduled (2) Reason: A-Equipment Failure (Explain) B-Maintenance or test C-Refueling D-Regulatory Restriction E-Operator Training & License Examination F-Administrative G-Operator Error (Explain) H-Other (Explain) (3) Method: 1-Manual 2-Manual Scram 3-Automatic Scram 4-Other (Explain) (4) Exhibit G - Instructi for Preparation of Da 2-Manual Scram 4-Other (Explain) (5) Exhibit I - Same Sour											

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UNIT: Oconee 1

DATE: 8/13/92

Revision 2

NARRATIVE SUMMARY

MONTH: May 1992

Oconee Unit 1 begań the month of May operatint at 100% full power. The unit operated at 100% full power until 5/7 at 1355 when the unit experienced a reactor/turbine trip due to a connector coming loose on the generator exciter field breaker. During startup on 5/7 at 0342 the reactor tripped from 14% power due to anticipatory low discharge pressure trip on the main feedwater pump. On 5/11 at 2027 the turbine was placed on-line and power escalation was commenced. During power escalation, the unit held at 48% power from 5/12 at 0138 to 0154 for primary chemistry deboration. The unit held at 62% power from 0304 to 0730 for primary system deboration and at 99% power from 1425 to 1800 due to low main feedwater pump suction pressure. The unit reached 100% full power at 1827. The unit operated at 100% full power until 2010 on 5/24 when power reduction was commenced to take the unit off-line for reactor coolant pump seal leakage repairs. The unit was taken off-line on 5/25 at 0256 for reactor coolant pump seal leakage repairs. The unit remained off-line for the remainder of the month.

UNIT: Oconee 3

DATE: 8/13/92

Revision 1

NARRATIVE SUMMARY

MONTH: June 1992

Oconee Unit 3 began the month of July operating at 100% full power. On 6/24 at 1411 the unit experience a reactor/turbine trip due to erroneous high steam generator level signal which resulted in both main feedwater pumps tripping. The unit was placed on-line at 0549. During power esculation, the unit held at 65% power from 0331 to 0350 for nuclear instrumentation calibrations and at 98% power from 1601 to 1758 for nuclear instrumentation calibrations. The unit reached 100% full power at 2025. The unit operated at or near 100% power for the remainde remainder of the month.