

OPERATING DATA REPORT

DOCKET NO 50-270
 DATE 12-14-81
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-8552

OPERATING STATUS

1. Unit Name: Oconee Unit 2
2. Reporting Period: November, 1981
3. Licensed Thermal Power (MWt): 2568
4. Nameplate Rating (Gross MWe): 934
5. Design Electrical Rating (Net MWe): 886
6. Maximum Dependable Capacity (Gross MWe): 899
7. Maximum Dependable Capacity (Net MWe): 860
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report. Give Reasons:
None

Notes

Year-to-date and cumulative capacity factors are calculated using a weighted average for maximum dependable capacity.

9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>720.0</u>	<u>8,016.0</u>	<u>63,361.0</u>
12. Number Of Hours Reactor Was Critical	<u>720.0</u>	<u>6,431.5</u>	<u>45,536.3</u>
13. Reactor Reserve Shutdown Hours	<u>-</u>	<u>-</u>	<u>-</u>
14. Hours Generator On-Line	<u>714.9</u>	<u>6,382.2</u>	<u>44,557.9</u>
15. Unit Reserve Shutdown Hours	<u>-</u>	<u>-</u>	<u>-</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,360,611</u>	<u>15,050,472</u>	<u>105,146,587</u>
17. Gross Electrical Energy Generated (MWH)	<u>454,280</u>	<u>5,171,120</u>	<u>35,783,356</u>
18. Net Electrical Energy Generated (MWH)	<u>427,756</u>	<u>4,921,402</u>	<u>33,963,968</u>
19. Unit Service Factor	<u>99.3</u>	<u>79.6</u>	<u>70.3</u>
20. Unit Availability Factor	<u>99.3</u>	<u>79.6</u>	<u>70.3</u>
21. Unit Capacity Factor (Using MDC Net)	<u>69.1</u>	<u>71.4</u>	<u>62.3</u>
22. Unit Capacity Factor (Using DER Net)	<u>67.1</u>	<u>69.3</u>	<u>60.5</u>
23. Unit Forced Outage Rate	<u>0.7</u>	<u>17.3</u>	<u>17.8</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Refueling December 24, 1981</u>			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: _____

26. Units In Test Status (Prior to Commercial Operation):	Forecast	Achieved
INITIAL CRITICALITY	<u>_____</u>	<u>_____</u>
INITIAL ELECTRICITY	<u>_____</u>	<u>_____</u>
COMMERCIAL OPERATION	<u>_____</u>	<u>_____</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-270
 UNIT NAME Oconee Unit 2
 DATE 12/14/81
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-8552

REPORT MONTH November, 1981

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
7	81-11-01	F	5.07	A	--		CB	HTEXCH	Completion of outage to repair tube leak in 2-B steam generator.
11-p	81-11-01	F	-	H	--		ZZ	ZZZZZZ	Hold in power increase due to primary waste treatment limitations.
12-p	81-11-03	S	-	H	--		ZZ	ZZZZZZ	Hold at 75% power to extend core life.

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 - Operational Error (Explain)
 H - Other (Explain)

³
 Method:
 1 - Manual
 2 - Manual Scram
 3 - Automatic Scram
 4 - Other (Explain)

⁴
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NURLG-0161)

⁵
 Exhibit I - Same Source

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-270

UNIT Oconee Unit 2

DATE 12/14/81

COMPLETED BY J. A. Reavis

TELEPHONE (704)373-8552

MONTH November, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	247	17	616
2	419	18	617
3	574	19	617
4	586	20	617
5	587	21	618
6	606	22	617
7	616	23	612
8	612	24	616
9	615	25	619
10	617	26	620
11	619	27	618
12	618	28	619
13	618	29	618
14	618	30	618
15	617	31	
16	616		

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 2
2. Scheduled next refueling shutdown: December, 1981
3. Scheduled restart following refueling: April, 1982
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? Yes.
If yes, what will these be? Technical Specification Revision

If no, has reload design and core configuration been reviewed by Safety Review Committee regarding unreviewed safety questions? NA.
If no, when is review scheduled? NA

5. Scheduled date(s) for submitting proposed licensing action and supporting information: November 13, 1981
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: 177.
(b) in the spent fuel pool: 427*
8. Present licensed fuel pool capacity: _____
Size of requested or planned increase: _____
9. Projected date of last refueling which can be accommodated by present licensed capacity: _____

*Represents total for the combined Units 1 and 2 Spent Fuel Pool.

DUKE POWER COMPANY

Date: December 14, 1981

Name of Contact: J. A. Reavis - Phone: 704-373-8552

DOCKET NO: 50-270

UNIT: Oconee Unit 2

DATE: December 14, 1981

NARRATIVE SUMMARY

MONTH: November, 1981

Oconee 2 returned to service on November 1, 1981 at 0504 from an outage to repair a tube leak in the "B" steam generator. Power increase was delayed at 46% and 52% due to primary waste limitations. Reached 75% power level on November 3, 1981 at 0403 and holding at this level to extend core life. The unit is scheduled out in late December for refueling.