OPERATING DATA REPORT

DOCKET NO 50-270
DATE 1-15-82
COMPLETED BY J. A. Reavis
TELEPHONE 704-373-8552

OPERATING STATUS

1. Unit Name: Oconee Unit 2
2. Reporting Period: December, 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:

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

9. Power Level To Which Restricted, If Any (Net MWe):
10. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744.0	8,760.0	64,105.0
12. Number Of Hours Reactor Was Critical	672.1	7,103.6	46,208.4
13. Reactor Reserve Shutdown Hours	-	-	-
14. Hours Generator On-Line	670.6	7,052.7	45,228.4
15. Unit Reserve Shutdown Hours	-	-	-
16. Gross Thermal Energy Generated (MWH)	888,225	15,938,697	106,034,812
17. Gross Electrical Energy Generated (MWH)	293,430	5,464,550	36,076,786
18. Net Electrical Energy Generated (MWH)	268,880	5,190,282	34,232,848
19. Unit Service Factor	90.1	80.5	70.6
20. Unit Availability Factor	90.1	80.5	70.6
21. Unit Capacity Factor (Using MDC Net)	42.0	68.9	61.8
22. Unit Capacity Factor (Using DER Net)	40.8	66.9	60.3
23. Unit Forced Outage Rate	0.0	15.9	17.6

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling

25. If Shut Down At End Of Report Period, Estimated Date of Startup: April 18, 1982
26. Units In Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH December, 1981

DOCKET NO. 50-270
UNIT NAME Oconee Unit 2
DATE 1-15-82
COMPLETED BY J. A. Reavis
TELEPHONE 704-373-8552

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
12-p	81-12-05	S	-	H	--		ZZ	ZZZZZZ	Hold at 75% power to extend core life.
13-p	81-12-09	S	-	H	--		ZZ	ZZZZZZ	Reduced to 50% power to extend core life.
14-p	81-12-21	S	-	H	--		ZZ	ZZZZZZ	Reduced to 30% power to extend core life.
8	81-12-28	S	73.45	C	1		RC	FUELXX	Began refueling/inspection (10 yr.) 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-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 (NUREG-0161)

5
Exhibit I - Same Source

(9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-270
UNIT Oconee Unit 2
DATE 1-15-82
COMPLETED BY J. A. Reavis
TELEPHONE (704)373-8552

MONTH December, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	613	17	378
2	616	18	379
3	611	19	378
4	611	20	376
5	612	21	287
6	615	22	209
7	619	23	210
8	619	24	210
9	481	25	210
10	371	26	209
11	372	27	210
12	374	28	196
13	375	29	-
14	374	30	-
15	375	31	-
16	379		

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: 1312*.
   Size of requested or planned increase: None.

9. Projected date of last refueling which can be accommodated by present licensed capacity:

DUKE POWER COMPANY Date: January 15, 1982.

Name of Contact: J. A. Reavis.

*Represents total for the combined Units 1 and 2 spent fuel pool.

DOCKET NO: 50-270

UNIT: Oconee Unit 2

DATE: January 15, 1982

NARRATIVE SUMMARY

MONTH: December, 1981

Oconee Unit 2 began the month of December at 75% power to extend the reactor core life. During the month, reductions to 50% and 30% were made to further extend core life. The unit was removed from service on December 28, for a scheduled refueling/inspection outage.