

OPERATING DATA REPORT

DOCKET NO 50-270
 DATE 8/15/80
 COMPLETED BY J. A. Reavis
 TELEPHONE (704)373-8552

OPERATING STATUS

1. Unit Name: Oconee Unit 2
 2. Reporting Period: July, 1980
 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>744.0</u>	<u>5 111.0</u>	<u>51 672.0</u>
12. Number Of Hours Reactor Was Critical	<u>744.0</u>	<u>2 500.0</u>	<u>36 095.9</u>
13. Reactor Reserve Shutdown Hours	<u>-</u>	<u>-</u>	<u>-</u>
14. Hours Generator On-Line	<u>744.0</u>	<u>2 400.1</u>	<u>35 176.2</u>
15. Unit Reserve Shutdown Hours	<u>-</u>	<u>-</u>	<u>-</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 857 032</u>	<u>5 372 580</u>	<u>83 419 985</u>
17. Gross Electrical Energy Generated (MWH)	<u>640 070</u>	<u>1 827 070</u>	<u>28 341 426</u>
18. Net Electrical Energy Generated (MWH)	<u>611 870</u>	<u>1 725 139</u>	<u>26 888 897</u>
19. Unit Service Factor	<u>100.0</u>	<u>47.0</u>	<u>68.1</u>
20. Unit Availability Factor	<u>100.0</u>	<u>47.0</u>	<u>68.1</u>
21. Unit Capacity Factor (Using MDC Net)	<u>95.6</u>	<u>39.3</u>	<u>60.2</u>
22. Unit Capacity Factor (Using DER Net)	<u>92.8</u>	<u>38.1</u>	<u>58.7</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>4.3</u>	<u>19.2</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
TMI Related Modifications - October 5, 1980 - 5 Weeks

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 | _____ | _____ |
| INITIAL ELECTRICITY | _____ | _____ |
| COMMERCIAL OPERATION | _____ | _____ |

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-270
 UNIT NAME Oconee Unit 2
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 TELEPHONE (704) 373-8552

REPORT MONTH July, 1980

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	80-07-29	F	-	D			SF	PUMPXX	2"B" HPI (high pressure injection pump out of service. After 72 hours reduced power to 59% per tech spec for operation with two (2) HPI pumps.

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 8/15/80
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 TELEPHONE (704)373-8552

MONTH July, 1980

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>834</u>	17	<u>850</u>
2	<u>837</u>	18	<u>849</u>
3	<u>838</u>	19	<u>848</u>
4	<u>843</u>	20	<u>848</u>
5	<u>842</u>	21	<u>848</u>
6	<u>843</u>	22	<u>848</u>
7	<u>851</u>	23	<u>852</u>
8	<u>840</u>	24	<u>852</u>
9	<u>838</u>	25	<u>850</u>
10	<u>841</u>	26	<u>850</u>
11	<u>847</u>	27	<u>851</u>
12	<u>850</u>	28	<u>851</u>
13	<u>846</u>	29	<u>826</u>
14	<u>855</u>	30	<u>484</u>
15	<u>850</u>	31	<u>483</u>
16	<u>850</u>		

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: June, 1981
3. Scheduled restart following refueling: August, 1981
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: May, 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). None

7. Number of fuel assemblies (a) in the core: 177.
(b) in the spent fuel pool: 296.
8. Present licensed fuel pool capacity: 750.
Size of requested or planned increase: 1312.
9. Projected date of last refueling which can be accommodated by present licensed capacity: _____

DUKE POWER COMPANY

Date: August 15, 1980

Name of Contact: Jerel Reavis

DOCKET NO: 50-270
UNIT: Oconee Unit 2
DATE: 8/15/80

NARRATIVE SUMMARY

MONTH: July, 1980

Oconee 2 operated at near rated power during the month of July until July 29 when the power was reduced to 59% per tech spec with only two (2) HPI pumps operable.

The 2 "B" HPI pump had to be rebuilt which required more than the 72 hour time limit.