

OPERATING DATA REPORT

DOCKET NO 50-270
 DATE 7/15/80
 COMPLETED BY J. A. Reavis
 TELEPHONE (704)373-8552

OPERATING STATUS

1. Unit Name: Oconee Unit 2
 2. Reporting Period: June, 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>720.0</u>	<u>4,367.0</u>	<u>50,928.0</u>
12. Number Of Hours Reactor Was Critical	<u>219.7</u>	<u>1,756.0</u>	<u>35,351.9</u>
13. Reactor Reserve Shutdown Hours	<u>-</u>	<u>-</u>	<u>-</u>
14. Hours Generator On-Line	<u>134.4</u>	<u>1,656.1</u>	<u>34,432.2</u>
15. Unit Reserve Shutdown Hours	<u>-</u>	<u>-</u>	<u>-</u>
16. Gross Thermal Energy Generated (MWH)	<u>189,548</u>	<u>3,515,548</u>	<u>81,562,953</u>
17. Gross Electrical Energy Generated (MWH)	<u>60,860</u>	<u>1,187,000</u>	<u>27,701,356</u>
18. Net Electrical Energy Generated (MWH)	<u>47,955</u>	<u>1,113,269</u>	<u>26,277,027</u>
19. Unit Service Factor	<u>18.7</u>	<u>37.9</u>	<u>67.6</u>
20. Unit Availability Factor	<u>18.7</u>	<u>37.9</u>	<u>67.6</u>
21. Unit Capacity Factor (Using MDC Net)	<u>7.7</u>	<u>29.6</u>	<u>59.7</u>
22. Unit Capacity Factor (Using DER Net)	<u>7.5</u>	<u>28.8</u>	<u>58.2</u>
23. Unit Forced Outage Rate	<u>41.8</u>	<u>6.2</u>	<u>19.5</u>

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

TMI Related Modification - September 6, 1980 - 4 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	_____	_____

8211030202 800715
 PDR ADOCK 05000270
 R PDR

IE37
 (9/77)

(1)

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-270UNIT NAME Oconee Unit 2DATE 7/15/80COMPLETED BY J. A. ReavisTELEPHONE (704)373-8552REPORT MONTH June, 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
2a	80-06-01	S	8.00	B	-		ZZ	PIPEXX	Completion of pipe hanger/support inspection and modification (IE Bulletin 79-02 and 79-14)
2b	80-06-01	S	398.25	B	-		ZZ	ZZZZZZ	Completed reactor building leak rate test.
2c	80-06-17	F	30.07	D	-		ZZ	ZZZZZZ	Low boron concentration in "2A" core flood tank.
2d	80-06-19	F	48.42	A	-		CB	VALVEX	Leaking flange on 2RC-68 (pressurizer code relief valve).
2e	80-06-21	S	52.02	B	-		ZZ	ZZZZZZ	Zero power physics test.
2f	80-06-23	S	6.08	B	-		ZZ	ZZZZZZ	Power escalation testing.
2g	80-06-23	S	9.90	B	-		HA	TURBIN	Main steam stop valve closure test.

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

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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June, 1980
 DOCKET NO. 50-270
 UNIT NAME Oconee Unit 2
 DATE 7/15/80
 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 Codes	Cause & Corrective Action to Prevent Recurrence
2h	80-06-24	S	5.57	B	-		ZZ	ZZZZZZ	Power escalation testing
2i	80-06-24	S	9.31	B	-		CB	HTEXCH	Perform steam generator level control alternate systems tuning.
2j	80-06-24	F	18.00	A	-		CB	VALVEX	Pressurizer code relief valve 2RC-68 flange leak repair.
7p	80-06-25	F	-	A	-		HA	TURBIN	Hold due to temperature differential on turbine.
8p	80-06-26	S	-	B	-		ZZ	ZZZZZZ	Hold for power escalation testing at 40%.
9p	80-06-28	F	-	A	-		CH	PUMPXX	Hold due to 2B FDWP eccentricity high.
10p	80-06-29	S	-	B	-		ZZ	ZZZZZZ	Hold for power escalation testing at 75%.

¹
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 S - Scheduled

²
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 C - Refueling
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 E - Operator Training & License Examination
 F - Administrative
 G - Operational Error (Explain)
 H - Other (Explain)

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 Method:
 1 - Manual
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 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

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 Exhibit I - Same Source

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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June, 1980

DOCKET NO. 50-270
UNIT NAME Oconee Unit 2
DATE 7/15/80
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
11p	80-06-30	S	-	B	-		ZZ	ZZZZZZ	Hold for power escalation testing at 90%.

- 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-01611)

- ⁵
- Exhibit I - Same Source

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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-270
 UNIT Oconee Unit 2
 DATE 7/15/80
 COMPLETED BY J. A. Reavis
 TELEPHONE (704)373-8552

MONTH June, 1980

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	-	17	-
2	-	18	-
3	-	19	-
4	-	20	-
5	-	21	-
6	-	22	-
7	-	23	-
8	-	24	-
9	-	25	98
10	-	26	304
11	-	27	300
12	-	28	381
13	-	29	591
14	-	30	668
15	-	31	
16	-		

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.

DOCKET NO: 50-270
UNIT: Oconee Unit 2
DATE: 7/15/80

NARRATIVE SUMMARY

MONTH: June, 1980 -

Oconee 2 began June in the completion of a scheduled outage with the reactor building leak rate test in progress.

Following normal startup procedures and tests with some holds due to equipment problems, the unit was placed in service on June 25 at 0937.

After power escalation testing at 40%, 75%, and 90% power levels, the unit ended the month at 94% power increasing to 100%.

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: 278.
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: July 15, 1980

Name of Contact: J. A. Reavis