

OPERATING DATA REPORT

DOCKET NO. 50-269  
 DATE 9/14/79  
 COMPLETED BY J. A. Reavis  
 TELEPHONE (704) 373-8552

OPERATING STATUS

1. Unit Name: Oconee Unit 1
2. Reporting Period: August, 1979
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>5,831.0</u>	<u>53,712.0</u>
12. Number Of Hours Reactor Was Critical	<u>529.5</u>	<u>4,779.2</u>	<u>39,006.9</u>
13. Reactor Reserve Shutdown Hours	<u>--</u>	<u>--</u>	<u>--</u>
14. Hours Generator On-Line	<u>522.0</u>	<u>4,738.6</u>	<u>36,463.2</u>
15. Unit Reserve Shutdown Hours	<u>--</u>	<u>--</u>	<u>--</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,262,713</u>	<u>11,765,288</u>	<u>85,734,451</u>
17. Gross Electrical Energy Generated (MWH)	<u>434,070</u>	<u>4,081,420</u>	<u>29,722,600</u>
18. Net Electrical Energy Generated (MWH)	<u>409,654</u>	<u>3,879,960</u>	<u>28,111,282</u>
19. Unit Service Factor	<u>70.2</u>	<u>81.3</u>	<u>67.9</u>
20. Unit Availability Factor	<u>70.2</u>	<u>81.3</u>	<u>67.9</u>
21. Unit Capacity Factor (Using MDC Net)	<u>64.0</u>	<u>77.4</u>	<u>60.6</u>
22. Unit Capacity Factor (Using DER Net)	<u>62.2</u>	<u>75.1</u>	<u>59.1</u>
23. Unit Forced Outage Rate	<u>29.8</u>	<u>16.1</u>	<u>17.8</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Refueling - November 10 weeks

25. If Shut Down At End Of Report Period, Estimated Date of Startup: September 21, 1979

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. 50-269  
 UNIT NAME Oconee Unit 1  
 DATE 9/14/79  
 COMPLETED BY J. A. Reavis  
 TELEPHONE (704) 373-8552

REPORT MONTH August, 1979

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
20	79-08-01	F	119.50	A	--		CB	HTEXCH	Tube leak in "B" steam generator.
21	79-08-06	F	4.87	A	3		CH	INSTRU	A pressure transmitter low pressure signal caused the trip of the feedwater pump resulting in a unit trip.
22	79-0826	S	--	H	--		CH	HTEXCH	Power reduced to put B-1 and B-2 feedwater heaters in service.
23	79-08-27	F	97.67	A	1		CB	VALVEX	Excessive packing leakage on RCS instrument valves necessitated a shutdown for repair.

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 Reason:  
 A-Equipment Failure (Explain)  
 B-Maintenance of Test  
 C-Refueling  
 D-Regulatory Restriction  
 E-Operator Training & License Examination  
 F-Administrative  
 G-Operational Error (Explain)  
 H-Other (Explain)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Other (Explain)

<sup>4</sup>  
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

<sup>5</sup>  
 Exhibit I - Same Source

(9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-269  
 UNIT Oconee Unit 1  
 DATE 9/14/79  
 COMPLETED BY J. A. Reavis  
 TELEPHONE (704) 373-8552

MONTH August, 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	--	17	829
2	--	18	830
3	--	19	826
4	--	20	829
5	--	21	830
6	184	22	820
7	604	23	819
8	819	24	819
9	836	25	858
10	834	26	737
11	834	27	717
12	830	28	--
13	835	29	--
14	837	30	--
15	832	31	--
16	835		

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 1
2. Scheduled next refueling shutdown: Novmeber, 1979
3. Scheduled restart following refueling: January, 1980
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: August 6, 1979
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: 545 (Station total)
8. Present licensed fuel pool capacity: 336  
Size of requested or planned increase: 414 (approved 6/19/79)
9. Projected date of last refueling which can be accommodated by present licensed capacity: 3/3/80 assuming no transfer to McGuire.

DUKE POWER COMPANY Date: September 14, 1979

Name of Contact: J. A. Reavis

DOCKET NO: 50-269  
UNIT: Oconee Unit 1  
DATE: 9/14/79

NARRATIVE SUMMARY

MONTH: August, 1979 -

The unit began August off line for tube leak repair in the "B" steam generator. At 2330 on August 4, the unit was back in service.

On August 6, the unit tripped due to a pressure transmitter problem on the feedwater pumps. It was back in service the same day.

Power was reduced on August 26 to put the B-1 and B-2 feedwater heaters in service.

The unit was shutdown on August 27 due to excessive leakage of valve packings on the RC system. It remained out through the month's end.

**OPERATING DATA REPORT**

DOCKET NO. 50-270  
 DATE 9/14/79  
 COMPLETED BY J. A. Reavis  
 TELEPHONE (704) 373-8552

**OPERATING STATUS**

1. Unit Name: Oconee Unit 2
2. Reporting Period: August, 1979
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>5,831.0</u>	<u>43,632.0</u>
12. Number Of Hours Reactor Was Critical	<u>744.0</u>	<u>5,246.6</u>	<u>31,245.1</u>
13. Reactor Reserve Shutdown Hours	<u>--</u>	<u>--</u>	<u>--</u>
14. Hours Generator On-Line	<u>744.0</u>	<u>5,202.0</u>	<u>30,443.3</u>
15. Unit Reserve Shutdown Hours	<u>--</u>	<u>--</u>	<u>--</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,850,179</u>	<u>12,688,808</u>	<u>72,181,193</u>
17. Gross Electrical Energy Generated (MWH)	<u>629,920</u>	<u>4,296,190</u>	<u>24,539,736</u>
18. Net Electrical Energy Generated (MWH)	<u>601,340</u>	<u>4,088,960</u>	<u>23,284,430</u>
19. Unit Service Factor	<u>100.0</u>	<u>89.2</u>	<u>69.8</u>
20. Unit Availability Factor	<u>100.0</u>	<u>89.2</u>	<u>69.8</u>
21. Unit Capacity Factor (Using MDC Net)	<u>94.0</u>	<u>81.5</u>	<u>61.7</u>
22. Unit Capacity Factor (Using DER Net)	<u>91.2</u>	<u>79.2</u>	<u>60.2</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>10.5</u>	<u>20.8</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Tie-in emergency feedwater to Hotwell - September 25 - 2 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	<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 9/14/79  
 COMPLETED BY J. A. Reavis  
 TELEPHONE (704) 373-8552

REPORT MONTH August, 1979

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
32	79-08-22	F	--	A	--		CH	PUMPXX	2D1 feedwater heater drain pump maintenance.
33	79-08-24	F	--	A	--		HH	FILTER	Polishing demineralizer cells at maximum flow without bypassing.

<sup>1</sup>  
 F - Forced  
 S - Scheduled

<sup>2</sup>  
 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)

<sup>3</sup>  
 Method:  
 1 - Manual  
 2 - Manual Scram.  
 3 - Automatic Scram.  
 4 - Other (Explain)

<sup>4</sup>  
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

<sup>5</sup>  
 Exhibit I - Same Source

(9/77)

**AVERAGE DAILY UNIT POWER LEVEL**

DOCKET NO. 50-270  
 UNIT Oconee Unit 2  
 DATE 9/14/79  
 COMPLETED BY J. A. Reavis  
 TELEPHONE (704) 373-8552

MONTH August, 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	831	17	833
2	827	18	834
3	829	19	828
4	828	20	828
5	830	21	827
6	826	22	681
7	826	23	643
8	828	24	648
9	832	25	702
10	832	26	819
11	831	27	833
12	823	28	827
13	830	29	830
14	833	30	829
15	833	31	826
16	829		

**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: January, 1980
3. Scheduled restart following refueling: March, 1980
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: September 6, 1979
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: 545 (station total)
8. Present licensed fuel pool capacity: 336  
Size of requested or planned increase: 414 (approved 6/19/79)
9. Projected date of last refueling which can be accommodated by present licensed capacity: 3/3/80 assuming no transfer to McGuire

DUKE POWER COMPANY Date: September 14, 1979

Name of Contact: J. A. Reavis

DOCKET NO: 50-270  
UNIT: Oconee Unit 2  
DATE: 9/14/79

**NARRATIVE SUMMARY**

MONTH: August, 1979-

Oconee 2 ran the complete month of August. A reduction was made on August 22 for heater drain pump maintenance and was extended due to polishing demineralizer problems. The reduction of near 20% power lasted for approximately three days. Near rated power was achieved the remainder of the time.

**OPERATING DATA REPORT**

DOCKET NO. 50-287  
 DATE 9/14/79  
 COMPLETED BY J. A. Reavis  
 TELEPHONE (704) 373-8552

**OPERATING STATUS**

1. Unit Name: Oconee Unit 3
2. Reporting Period: August, 1979
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	744.0	5,831.0	41,279.0
12. Number Of Hours Reactor Was Critical	0.0	2,738.0	30,504.9
13. Reactor Reserve Shutdown Hours	--	--	--
14. Hours Generator On-Line	0.0	2,726.8	29,748.5
15. Unit Reserve Shutdown Hours	--	--	--
16. Gross Thermal Energy Generated (MWH)	0	6,768,005	71,291,043
17. Gross Electrical Energy Generated (MWH)	0	2,374,180	24,686,674
18. Net Electrical Energy Generated (MWH)	(3,042)	2,258,384	23,495,411
19. Unit Service Factor	0.0	46.8	72.1
20. Unit Availability Factor	0.0	46.8	72.1
21. Unit Capacity Factor (Using MDC Net)	0.0	45.0	65.8
22. Unit Capacity Factor (Using DER Net)	0.0	43.7	64.2
23. Unit Forced Outage Rate	100.0	39.2	15.4

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

25. If Shut Down At End Of Report Period, Estimated Date of Startup: September 25, 1979

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

**UNIT SHUTDOWNS AND POWER REDUCTIONS**

**DOCKET NO.** 50-287  
**UNIT NAME** Dconee Unit 3  
**DATE** 9/14/79  
**COMPLETED BY** J. A. Reavis  
**TELEPHONE** (704) 373-8552

**REPORT MONTH** August, 1979

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
15	79-08-01	F	744.00	D	--		ZZ	ZZZZZZ	IE Bulletin 79-02 and 79-14 inspection and modifications to pipe hangers and supports is still in progress.

<sup>1</sup> F - Forced  
S - Scheduled

<sup>2</sup> 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)

<sup>3</sup> Method:  
1 - Manual  
2 - Manual Scram.  
3 - Automatic Scram.  
4 - Other (Explain)

<sup>4</sup> Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

<sup>5</sup> Exhibit I - Same Source

**AVERAGE DAILY UNIT POWER LEVEL**

DOCKET NO. 50-287  
 UNIT Oconee Unit 3  
 DATE 9/14/79  
 COMPLETED BY J. A. Reavis  
 TELEPHONE (704) 373-8552

MONTH August, 1979

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	---
10	---	26	---
11	---	27	---
12	---	28	---
13	---	29	---
14	---	30	---
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.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 3
2. Scheduled next refueling shutdown: Unknown
3. Scheduled restart following refueling: Unknown
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: NA
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: 545 (station total)
8. Present licensed fuel pool capacity: 336  
Size of requested or planned increase: No increase planned
9. Projected date of last refueling which can be accommodated by present licensed capacity: 3/3/80 assuming no transfer to McGuire

DUKE POWER COMPANY

Date: September 14, 1979

Name of Contact: J. A. Reavis

DOCKET NO: 50-287  
UNIT: Oconee Unit 3  
DATE: 9/14/79

NARRATIVE SUMMARY

MONTH: August, 1979-

Oconee 3 began the month of August at 0% power. Refueling has been completed, but IE Bulletin 79-02 and 79-14 inspection and modification is still in progress. Unit remained at 0% power for the entire month.

OCONEE NUCLEAR STATION  
Operating Status Report

1. Personnel Exposure

For the month of July, no individual exceeded 10 percent of their allowable annual radiation dose limit.

2. Radioactive Waste Releases

The total station liquid release for July has been compared with the Technical Specifications annual value of 15 curies; the total release for July was less than 10 percent of this limit.

The total station gaseous release for July has been compared with the derived Technical Specifications annual value of 51,000 curies; the total release for July was 4.4 percent of this limit.