

OPERATING DATA REPORT

DOCKET NO. 50-269  
 DATE 08-15-84  
 COMPLETED BY J.A. Reavis  
 TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: Oconee 1  
 2. Reporting Period: July 1, 1984 - July 31, 1984  
 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	5111.0	98 816.0
12. Number Of Hours Reactor Was Critical	744.0	5086.1	69 626.7
13. Reactor Reserve Shutdown Hours	---	---	---
14. Hours Generator On-Line	744.0	5078.1	66 467.4
15. Unit Reserve Shutdown Hours	---	---	---
16. Gross Thermal Energy Generated (MWH)	1 911 321	13 000 866	159 298 898
17. Gross Electrical Energy Generated (MWH)	664 050	4 557 790	55 426 020
18. Net Electrical Energy Generated (MWH)	634 379	4 360 672	52 526 223
19. Unit Service Factor	100.0	99.4	68.7
20. Unit Availability Factor	100.0	99.4	68.7
21. Unit Capacity Factor (Using MDC Net)	99.2	99.2	62.9
22. Unit Capacity Factor (Using DER Net)	96.2	96.3	61.2
23. Unit Forced Outage Rate	0.0	0.6	16.4

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Refueling - October 1984 - 7 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	_____	_____

8408220468 840731  
 PDR ADOCK 05000269  
 R PDR

IE 24  
 111

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-269  
 UNIT Oconee 1  
 DATE 08-15-84  
 COMPLETED BY J.A. Reavis  
 TELEPHONE 704-373-7567

MONTH       JULY, 1984      

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	860	17	853
2	860	18	852
3	858	19	852
4	856	20	852
5	856	21	852
6	856	22	852
7	856	23	851
8	856	24	851
9	855	25	852
10	855	26	853
11	854	27	852
12	854	28	853
13	837	29	853
14	833	30	853
15	853	31	853
16	852		

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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-269  
 UNIT NAME Oconee 1  
 DATE 08/15/84  
 COMPLETED BY J. A. Reavis  
 TELEPHONE 704-373-7567

REPORT MONTH July 1984

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	License Event Report #	Systems Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
12p	84-07-13	S	--	B	--		CC	VALVEX	Turbine & Control Valve and Control Rod Drive PT's.

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

DOCKET NO: 50-269

UNIT: Oconee 1

DATE: 08/15/84

NARRATIVE SUMMARY

Month: July 1984

Unit 1 operated at 100% all month except for turbine valve testing.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 1 .
2. Scheduled next refueling shutdown: October 1984 .
3. Scheduled restart following refueling: December 1984 .
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? N/A .

5. Scheduled date(s) for submitting proposed licensing action and supporting information: N/A .
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: 1086 .
8. Present licensed fuel pool capacity: 1312\* .  
Size of requested or planned increase: \_\_\_\_\_ .
9. Projected date of last refueling which can be accommodated by present licensed capacity: August 1991 .

DUKE POWER COMPANY

Date: August 15, 1984 .

Name of Contact: J. A. Reavis

Phone: 704-373-7567

\*Represents the combined total for Units 1 and 2.

OPERATING DATA REPORT

DOCKET NO. 50-270  
 DATE 08-15-84  
 COMPLETED BY J.A. Reavis  
 TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: Oconee 2  
 2. Reporting Period: July 1, 1984 - July 31, 1984  
 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>5111.0</u>	<u>86 736.0</u>
12. Number Of Hours Reactor Was Critical	<u>744.0</u>	<u>5111.0</u>	<u>62 424.47</u>
13. Reactor Reserve Shutdown Hours	<u>---</u>	<u>---</u>	<u>---</u>
14. Hours Generator On-Line	<u>744.0</u>	<u>5111.0</u>	<u>61 271.2</u>
15. Unit Reserve Shutdown Hours	<u>---</u>	<u>---</u>	<u>---</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 872 582</u>	<u>13 078 021</u>	<u>145 568 688</u>
17. Gross Electrical Energy Generated (MWH)	<u>650 260</u>	<u>4 512 680</u>	<u>49 617 536</u>
18. Net Electrical Energy Generated (MWH)	<u>622 468</u>	<u>4 328 173</u>	<u>47 139 742</u>
19. Unit Service Factor	<u>100.0</u>	<u>100.0</u>	<u>70.6</u>
20. Unit Availability Factor	<u>100.0</u>	<u>100.0</u>	<u>70.6</u>
21. Unit Capacity Factor (Using MDC Net)	<u>97.3</u>	<u>98.5</u>	<u>63.0</u>
22. Unit Capacity Factor (Using DER Net)	<u>94.4</u>	<u>95.6</u>	<u>61.3</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.0</u>	<u>15.3</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>None</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> |



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-270  
 UNIT Oconee 2  
 DATE 08-15-84  
 COMPLETED BY J.A. Reavis  
 TELEPHONE 704-373-7567

MONTH       JULY, 1984      

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	842	17	836
2	843	18	837
3	834	19	837
4	840	20	837
5	840	21	837
6	830	22	837
7	827	23	836
8	838	24	835
9	838	25	835
10	838	26	835
11	837	27	835
12	838	28	835
13	838	29	836
14	838	30	835
15	839	31	835
16	837		

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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-270  
 UNIT NAME Oconee 2  
 DATE 08/15/84  
 COMPLETED BY J. A. Reavis  
 TELEPHONE 704-373-7567

REPORT MONTH July 1984

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	License Event Report #	Systems Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
8p	84-07-03	S	--	F	--		ZZ	ZZZZZZ	Economic Dispatch Reduction
9p	84-07-06	S	--	B	--		CC	VAVLEX	Control and Stop Valve PT's

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



DOCKET NO: 50-270

UNIT: Oconee 2

DATE: 08/15/84

NARRATIVE SUMMARY

Month: July 1984

Unit 2 operated at 100% all month except for Turbine valve testing and an economic dispatched reduction.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 2
2. Scheduled next refueling shutdown: March 1985
3. Scheduled restart following refueling: May 1985
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? N/A

5. Scheduled date(s) for submitting proposed licensing action and supporting information: N/A
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: 1086
8. Present licensed fuel pool capacity: 1312\*  
Size of requested or planned increase: \_\_\_\_\_
9. Projected date of last refueling which can be accommodated by present licensed capacity: August 1991

DUKE POWER COMPANY Date: August 15, 1984

Name of Contact: J. A. Reavis Phone: 704-373-7567

\*Represents the combined total for Units 1 and 2.

OPERATING DATA REPORT

DOCKET NO. 50-287  
 DATE 08-15-84  
 COMPLETED BY J.A. Reavis  
 TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: Oconee 3  
 2. Reporting Period: July 1, 1984 - July 31, 1984  
 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>5111.0</u>	<u>84 383.0</u>
12. Number Of Hours Reactor Was Critical	<u>744.0</u>	<u>3 207.83</u>	<u>59 917.7</u>
13. Reactor Reserve Shutdown Hours	<u>---</u>	<u>---</u>	<u>---</u>
14. Hours Generator On-Line	<u>744.0</u>	<u>3 171.9</u>	<u>58 754.5</u>
15. Unit Reserve Shutdown Hours	<u>---</u>	<u>---</u>	<u>---</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 923 123</u>	<u>7 859 450</u>	<u>143 352 014</u>
17. Gross Electrical Energy Generated (MWH)	<u>659 780</u>	<u>2 713 970</u>	<u>49 528 564</u>
18. Net Electrical Energy Generated (MWH)	<u>632 164</u>	<u>2 588 968</u>	<u>47 156 086</u>
19. Unit Service Factor	<u>100.0</u>	<u>62.1</u>	<u>69.6</u>
20. Unit Availability Factor	<u>100.0</u>	<u>62.1</u>	<u>69.6</u>
21. Unit Capacity Factor (Using MDC Net)	<u>98.8</u>	<u>58.9</u>	<u>64.8</u>
22. Unit Capacity Factor (Using DER Net)	<u>95.9</u>	<u>57.2</u>	<u>63.1</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>1.1</u>	<u>14.6</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
None

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>

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-287  
 UNIT Oconee 3  
 DATE 08-15-84  
 COMPLETED BY J.A. Reavis  
 TELEPHONE 704-373-7567

MONTH JULY, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	855	17	851
2	855	18	851
3	854	19	850
4	854	20	849
5	854	21	849
6	852	22	849
7	822	23	848
8	853	24	846
9	853	25	846
10	853	26	848
11	852	27	348
12	852	28	847
13	852	29	848
14	852	30	847
15	852	31	847
16	852		

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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-287  
 UNIT NAME Oconee 3  
 DATE 08/15/84  
 COMPLETED BY J. A. Reavis  
 TELEPHONE 704-373-7567

REPORT MONTH July 1984

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	License Event Report #	Systems Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
10p	84-07-06	S	--	B	--		CC	VALVEX	Turbine Valve PT's
11p	84-07-07	S	--	F	--		ZZ	ZZZZZZ	Economic Dispatch Reduction

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

DOCKET NO: 50-287  
UNIT: Oconee 3  
DATE: 08/15/84

NARRATIVE SUMMARY

Month: July 1984

Unit 3 operated at 100% all month except for turbine valve testing and an economic dispatched reduction.



MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 3
2. Scheduled next refueling shutdown: September 1985
3. Scheduled restart following refueling: November 1985
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? N/A

5. Scheduled date(s) for submitting proposed licensing action and supporting information: N/A
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: 104.
8. Present licensed fuel pool capacity: 825.  
Size of requested or planned increase: \_\_\_\_\_
9. Projected date of last refueling which can be accommodated by present licensed capacity: August 1991

DUKE POWER COMPANY

Date: August 15, 1984

Name of Contact: J. A. Reavis

Phone: 704-373-7567

OCONEE NUCLEAR STATION

Monthly Operating Status Report

1. Personnel Exposure

For the month of June, no individual(s) exceeded 10 percent of their allowable annual radiation dose limit.

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

The total station gaseous release for June has been compared with the derived Technical Specifications annual value of 15,000 curies; the total release for June was less than 10 percent of this limit.

DUKE POWER COMPANY

P.O. BOX 33189  
CHARLOTTE, N.C. 28242

HAL B. TUCKER  
VICE PRESIDENT  
NUCLEAR PRODUCTION

TELEPHONE  
(704) 373-4531

August 15, 1984

Director  
Office of Inspection and Enforcement  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Attention: Document Control Desk

Re: Oconee Nuclear Station  
Docket Nos. 50-269, -270, -287

Dear Sir:

Please find attached information concerning the performance and operating status of the Oconee Nuclear Station for the month of July, 1984.

Very truly yours,

*Hal B. Tucker*

Hal B. Tucker

JAR:scs

Attachments

cc: Regional Administrator  
U. S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street, NW, Suite 2900  
Atlanta, Georgia 30323

Mr. Phil Ross  
U. S. Nuclear Regulatory Commission  
MNBB-5715  
Washington, D. C. 20555

Senior Resident Inspector  
Oconee Nuclear Station

M&M Nuclear Consultants  
1221 Avenue of the Americas  
New York, New York 10020

American Nuclear Insurers  
c/o Dottie Sherman, ANI Library  
The Exchange, Suite 245  
270 Farmington Avenue  
Farmington, Connecticut 06032

Ms. Helen Nicolaras, Project Manager  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

INPO Records Center  
Suite 1500  
1100 Circle 75 Parkway  
Atlanta, Georgia 30339

Ms. Judy Dovers  
Nuclear Assurance Corporation  
5720 Peachtree Parkway  
Norcross, Georgia 30092

IE24  
11