

OPERATING DATA REPORT

DOCKET NO. 50-269  
 DATE 10-15-84  
 COMPLETED BY J.A. Reavis  
 TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: Oconee 1
2. Reporting Period: September 1, 1984-September 30, 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>720.0</u>	<u>6 575.0</u>	<u>98 280.0</u>
12. Number Of Hours Reactor Was Critical	<u>720.0</u>	<u>6 550.1</u>	<u>71 090.7</u>
13. Reactor Reserve Shutdown Hours	<u>---</u>	<u>---</u>	<u>---</u>
14. Hours Generator On-Line	<u>720.0</u>	<u>6 542.1</u>	<u>67 931.4</u>
15. Unit Reserve Shutdown Hours	<u>---</u>	<u>---</u>	<u>---</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 853 273</u>	<u>16 773 666</u>	<u>163 071 698</u>
17. Gross Electrical Energy Generated (MWH)	<u>635 810</u>	<u>5 854 300</u>	<u>56 722 530</u>
18. Net Electrical Energy Generated (MWH)	<u>606 279</u>	<u>5 596 927</u>	<u>53 762 478</u>
19. Unit Service Factor	<u>100.0</u>	<u>99.5</u>	<u>69.1</u>
20. Unit Availability Factor	<u>100.0</u>	<u>99.5</u>	<u>69.2</u>
21. Unit Capacity Factor (Using MDC Net)	<u>97.9</u>	<u>99.0</u>	<u>63.5</u>
22. Unit Capacity Factor (Using DER Net)	<u>95.0</u>	<u>96.1</u>	<u>61.7</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.5</u>	<u>16.1</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Refueling - October 5, 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	<u>      </u>	<u>      </u>
INITIAL ELECTRICITY	<u>      </u>	<u>      </u>
COMMERCIAL OPERATION	<u>      </u>	<u>      </u>

8410290213 840930  
 PDR ADOCK 05000269  
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(9/77)  
 IE24  
 Y  
 1

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-269  
 UNIT Oconee 1  
 DATE 10/15/84  
 COMPLETED BY J. A. Reavis  
 TELEPHONE 704-373-7567

MONTH September, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	845	17	842
2	845	18	842
3	844	19	842
4	843	20	842
5	844	21	842
6	844	22	840
7	845	23	842
8	826	24	843
9	843	25	842
10	842	26	841
11	842	27	842
12	842	28	843
13	842	29	843
14	841	30	844
15	841	31	---
16	842		

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 10/15/84  
 COMPLETED BY J. A. Reavis  
 TELEPHONE 704-373-7567

REPORT MONTH SEPTEMBER, 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
15-p	84-09-08	S	--	B	--		CC	VALVEX	Turbine Control & Stop Valve Movement PT's
16-p	84-09-22	F	--	A	--		HH	PUMPXX	Heater Drain Pump Oil System Repairs

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: 10/15/84

NARRATIVE SUMMARY

Month: September 1984

The unit operated at 100% except for a Turbine Control PT. The unit also repaired an oil leak on one of its Heater Drain Tank Pumps.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 1
2. Scheduled next refueling shutdown: October 1984
3. Scheduled restart following refueling: November 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: 1032\*
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: October 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 10-15-84  
 COMPLETED BY J.A. Reavis  
 TELEPHONE 704-373-7567

## OPERATING STATUS

1. Unit Name: Oconee 2
2. Reporting Period: September 1, 1984-September 30, 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>720.0</u>	<u>6 575.0</u>	<u>88 200.0</u>
12. Number Of Hours Reactor Was Critical	<u>720.0</u>	<u>6 575.0</u>	<u>63 888.5</u>
13. Reactor Reserve Shutdown Hours	<u>---</u>	<u>---</u>	<u>---</u>
14. Hours Generator On-Line	<u>720.0</u>	<u>6 575.0</u>	<u>62 735.2</u>
15. Unit Reserve Shutdown Hours	<u>---</u>	<u>---</u>	<u>---</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 790 166</u>	<u>16 773 663</u>	<u>149 264 330</u>
17. Gross Electrical Energy Generated (MWH)	<u>601 320</u>	<u>5 758 650</u>	<u>50 863 506</u>
18. Net Electrical Energy Generated (MWH)	<u>573 566</u>	<u>5 517 761</u>	<u>48 329 330</u>
19. Unit Service Factor	<u>100.0</u>	<u>100.0</u>	<u>71.1</u>
20. Unit Availability Factor	<u>100.0</u>	<u>100.0</u>	<u>71.1</u>
21. Unit Capacity Factor (Using MDC Net)	<u>92.6</u>	<u>97.6</u>	<u>63.5</u>
22. Unit Capacity Factor (Using DER Net)	<u>89.9</u>	<u>94.7</u>	<u>61.9</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.0</u>	<u>15.0</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Refueling - February 24, 1985 - 9 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>

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-270  
 UNIT Oconee 2  
 DATE 10/15/84  
 COMPLETED BY J.A. Reavis  
 TELEPHONE 704-373-7567

MONTH September, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	556	17	823
2	678	18	823
3	801	19	823
4	825	20	823
5	503	21	823
6	768	22	823
7	825	23	824
8	825	24	823
9	824	25	823
10	824	26	823
11	824	27	824
12	824	28	824
13	823	29	823
14	823	30	825
15	822	31	---
16	823		

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 10/15/84  
 COMPLETED BY J. A. Reavis  
 TELEPHONE 704-373-7567

REPORT MONTH September 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
13-p	84-09-01	F	--	A	--		CH	PUMPXX	Main Feedwater Pump Repairs
14-p	84-09-01	S	--	F	--		ZZ	ZZZZZZ	Economic Dispatch Reduction
15-p	84-09-05	F	--	A	--		HH	PIPEXX	Repair Heater Bleed Line

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: 10/15/84

NARRATIVE SUMMARY

Month: September, 1984

This unit ran at 100% except for a reduction to 51% power on September 1, for feedwater pump repairs followed by Economic Dispatch at 86% and a reduction to 25% power on September 5, to repair a Heater Bleed line.



OPERATING DATA REPORT

DOCKET NO. 50-287  
 DATE 10-15-84  
 COMPLETED BY J.A. Reavis  
 TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: Oconee 3  
 2. Reporting Period: September 1, 1984-September 30, 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>720.0</u>	<u>6 575.0</u>	<u>85 847.0</u>
12. Number Of Hours Reactor Was Critical	<u>720.0</u>	<u>4 626.6</u>	<u>61 336.5</u>
13. Reactor Reserve Shutdown Hours	<u>---</u>	<u>---</u>	<u>---</u>
14. Hours Generator On-Line	<u>720.0</u>	<u>4 587.4</u>	<u>60 170.0</u>
15. Unit Reserve Shutdown Hours	<u>---</u>	<u>---</u>	<u>---</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 848 705</u>	<u>11 485 108</u>	<u>146 977 672</u>
17. Gross Electrical Energy Generated (MWH)	<u>631 820</u>	<u>3 956 390</u>	<u>50 770 984</u>
18. Net Electrical Energy Generated (MWH)	<u>604 146</u>	<u>3 775 477</u>	<u>48 342 595</u>
19. Unit Service Factor	<u>100.0</u>	<u>69.8</u>	<u>70.1</u>
20. Unit Availability Factor	<u>100.0</u>	<u>69.8</u>	<u>70.1</u>
21. Unit Capacity Factor (Using MDC Net)	<u>97.6</u>	<u>66.8</u>	<u>65.3</u>
22. Unit Capacity Factor (Using DER Net)	<u>94.7</u>	<u>64.8</u>	<u>63.6</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>1.8</u>	<u>14.3</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 10/15/84  
 COMPLETED BY J.A. Reavis  
 TELEPHONE 704-373-7567

MONTH September, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>842</u>	17	<u>840</u>
2	<u>843</u>	18	<u>839</u>
3	<u>842</u>	19	<u>839</u>
4	<u>840</u>	20	<u>839</u>
5	<u>840</u>	21	<u>840</u>
6	<u>841</u>	22	<u>840</u>
7	<u>841</u>	23	<u>840</u>
8	<u>840</u>	24	<u>839</u>
9	<u>840</u>	25	<u>839</u>
10	<u>838</u>	26	<u>839</u>
11	<u>839</u>	27	<u>839</u>
12	<u>840</u>	28	<u>840</u>
13	<u>839</u>	29	<u>841</u>
14	<u>838</u>	30	<u>841</u>
15	<u>817</u>	31	<u>---</u>
16	<u>839</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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-287  
 UNIT NAME Oconee 3  
 DATE 10/15/84  
 COMPLETED BY J. A. Reavis  
 TELEPHONE 704-373-7567

REPORT MONTH September 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
13-p	84-09-15	S	1	B	1		CC	VALVEX	Control & Stop Valve Movement 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



LOCKET NO: 50-287

UNIT: Oconee 3

DATE: 10/15/84

NARRATIVE SUMMARY

Month: September 1984

The unit operated at 100% except for a reduction to 85% for turbine control PT on September 15.

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: 158.
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: October 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 August, n individual(s) exceeded 10 percent of their allowable annual radiation dose limit.

2. The total station liquid release for August has been compared with the Technical Specifications maximum annual dose commitment and was less than 10 percent of this limit.

The total station gaseous release for August has been compared with the Technical Specifications maximum annual dose commitment and was less than 10 percent of this limit.

**DUKE POWER COMPANY**

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

October 15, 1984

TELEPHONE  
(704) 373-4531

EAL B. TUCKER  
VICE PRESIDENT  
NUCLEAR PRODUCTION

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 September, 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

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

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

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

Senior Resident Inspector  
Oconee Nuclear Station

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

1E24  
1/1