

# OPERATING DATA REPORT

DOCKET NO. 50-269  
 DATE 03-15-84  
 COMPLETED BY J. A. Reavis  
 TELEPHONE 704-373-7567

## OPERATING STATUS

1. Unit Name: Oconee No. 1
2. Reporting Period: February 1, 1984 - February 29, 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	696.0	1 440.0	93 145.0
12. Number Of Hours Reactor Was Critical	696.0	1 440.0	65 980.6
13. Reactor Reserve Shutdown Hours	-	-	-
14. Hours Generator On-Line	696.0	1 440.0	62 829.4
15. Unit Reserve Shutdown Hours	-	-	-
16. Gross Thermal Energy Generated (MWH)	1 787 819	3 696 857	149 994 889
17. Gross Electrical Energy Generated (MWH)	626 220	1 297 480	52 165 710
18. Net Electrical Energy Generated (MWH)	599 828	1 242 415	49 407 966
19. Unit Service Factor	100.0	100.0	67.5
20. Unit Availability Factor	100.0	100.0	67.5
21. Unit Capacity Factor (Using MDC Net)	100.2	100.3	61.5
22. Unit Capacity Factor (Using DER Net)	97.3	97.4	59.9
23. Unit Forced Outage Rate	0.0	0.0	17.2
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

INITIAL ELECTRICITY

COMMERCIAL OPERATION

8403200010 840229  
 PDR ADOCK 05000269  
 R PDR

(S) 11

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-269  
 UNIT Oconee 1  
 DATE 03-15-84  
 COMPLETED BY J. A. Reavis  
 TELEPHONE 704-373-7567

MONTH February 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	864
2	865
3	865
4	865
5	864
6	863
7	866
8	866
9	866
10	866
11	865
12	865
13	864
14	796
15	865
16	865

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	865
18	865
19	866
20	865
21	865
22	865
23	865
24	865
25	865
26	866
27	849
28	860
29	864
30	-
31	-

## 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

REPORT MONTH February, 1984

DOCKET NO. 50-269  
 UNIT NAME Oconee 1  
 DATE 3/15/84  
 COMPLETED BY J.A. Reavis  
 TELEPHONE 704-373-7567

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
2-p	84-02-13	S	--	F	--		ZZ	ZZZZZZ	DISPATCHER REDUCTION
3-p	84-02-27	S	--	B	--		CC	VALVEX	PERIODIC TESTS (PT's) - CONTROL VALVE AND STOP VALVE.

<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

DOCKET NO: 50-269

UNIT: Oconeel 1

DATE: 3/15/84

NARRATIVE SUMMARY

Month: February, 1984

Oconeel Unit 1 operated at 100% for most of the period except for a dispatcher related reduction on February 13, and a slight reduction on February 27 to perform control valve and stop valve testing. The unit had 165 days of continuous operation at the end of February.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 1.
2. Scheduled next refueling shutdown: February, 1985.
3. Scheduled restart following refueling: April, 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

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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: 1123\*.
  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: \_\_\_\_\_.

DUKE POWER COMPANY

Date: March 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 03-15-84  
 COMPLETED BY J. A. Reavis  
 TELEPHONE 704-373-7567

## OPERATING STATUS

1. Unit Name: Oconee No. 2
2. Reporting Period: February 1, 1984-February 29, 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>696.0</u>	<u>1 440.0</u>	<u>83 065.0</u>
12. Number Of Hours Reactor Was Critical	<u>696.0</u>	<u>1 440.0</u>	<u>58 753.5</u>
13. Reactor Reserve Shutdown Hours	<u>-</u>	<u>-</u>	<u>-</u>
14. Hours Generator On-Line	<u>696.0</u>	<u>1 440.0</u>	<u>57 600.2</u>
15. Unit Reserve Shutdown Hours	<u>-</u>	<u>-</u>	<u>-</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 790 632</u>	<u>3 699 486</u>	<u>136 190 153</u>
17. Gross Electrical Energy Generated (MWH)	<u>619 200</u>	<u>1 279 500</u>	<u>46 384 356</u>
18. Net Electrical Energy Generated (MWH)	<u>594 378</u>	<u>1 227 665</u>	<u>44 039 234</u>
19. Unit Service Factor	<u>100.0</u>	<u>100.0</u>	<u>69.3</u>
20. Unit Availability Factor	<u>100.0</u>	<u>100.0</u>	<u>69.3</u>
21. Unit Capacity Factor (Using MDC Net)	<u>99.3</u>	<u>99.1</u>	<u>61.5</u>
22. Unit Capacity Factor (Using DER Net)	<u>96.4</u>	<u>96.2</u>	<u>59.8</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.0</u>	<u>16.1</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

INITIAL ELECTRICITY

COMMERCIAL OPERATION

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# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-270  
 UNIT Oconee 2  
 DATE 03-15-84  
 COMPLETED BY J. A. Reavis  
 TELEPHONE 704-373-7567

MONTH February 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>856</u>
2	<u>856</u>
3	<u>856</u>
4	<u>856</u>
5	<u>856</u>
6	<u>856</u>
7	<u>856</u>
8	<u>856</u>
9	<u>856</u>
10	<u>856</u>
11	<u>856</u>
12	<u>856</u>
13	<u>856</u>
14	<u>856</u>
15	<u>856</u>
16	<u>852</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>854</u>
18	<u>854</u>
19	<u>828</u>
20	<u>853</u>
21	<u>854</u>
22	<u>854</u>
23	<u>854</u>
24	<u>854</u>
25	<u>854</u>
26	<u>854</u>
27	<u>855</u>
28	<u>854</u>
29	<u>854</u>
30	<u>-</u>
31	<u>-</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. 50-270  
UNIT NAME Oconee 2  
DATE 3-15-84  
COMPLETED BY J.A. Reavis  
TELEPHONE 704-373-7567

REPORT MONTH February, 1984

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
3-p	84-02-18	S	--	B	--		CC	VALVEX	PERIODIC TESTS (PT's) - TURBINE VALVE.

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: 3/15/84

NARRATIVE SUMMARY

Month: February, 1984

Oconee Unit 2 operated throughout the month at 100% power except for one power reduction to perform turbine valve movement tests. The unit had 81 days of continuous operation at the end of February.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 2.
2. Scheduled next refueling shutdown: June, 1985.
3. Scheduled restart following refueling: August, 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

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\_\_\_\_\_

\_\_\_\_\_

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: 1123\*.
  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: \_\_\_\_\_.

DUKE POWER COMPANY

Date: March 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 03-15-84  
 COMPLETED BY J. A. Reavis  
 TELEPHONE 704-373-7567

## OPERATING STATUS

1. Unit Name: Oconee No. 3
2. Reporting Period: February 1, 1984-February 29, 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>696.0</u>	<u>1 440.0</u>	<u>80 712.0</u>
12. Number Of Hours Reactor Was Critical	<u>694.9</u>	<u>1 438.9</u>	<u>58 148.7</u>
13. Reactor Reserve Shutdown Hours	<u>-</u>	<u>-</u>	<u>-</u>
14. Hours Generator On-Line	<u>693.0</u>	<u>1 437.0</u>	<u>57 019.6</u>
15. Unit Reserve Shutdown Hours	<u>-</u>	<u>-</u>	<u>-</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 760 898</u>	<u>3 670 368</u>	<u>139 162 932</u>
17. Gross Electrical Energy Generated (MWH)	<u>607 200</u>	<u>1 267 370</u>	<u>48 081 964</u>
18. Net Electrical Energy Generated (MWH)	<u>582 478</u>	<u>1 215 846</u>	<u>45 782 964</u>
19. Unit Service Factor	<u>99.6</u>	<u>99.8</u>	<u>70.7</u>
20. Unit Availability Factor	<u>99.6</u>	<u>99.8</u>	<u>70.7</u>
21. Unit Capacity Factor (Using MDC Net)	<u>97.3</u>	<u>98.2</u>	<u>65.8</u>
22. Unit Capacity Factor (Using DER Net)	<u>94.5</u>	<u>95.3</u>	<u>64.0</u>
23. Unit Forced Outage Rate	<u>0.4</u>	<u>0.2</u>	<u>14.9</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Refueling - March 8, 1984 - 10 Weeks</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

INITIAL ELECTRICITY

COMMERCIAL OPERATION

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 \_\_\_\_\_  
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# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-287  
 UNIT Oconee 3  
 DATE 03-15-84  
 COMPLETED BY J. A. Reavis  
 TELEPHONE 704-373-7567

MONTH February 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	853
2	852
3	852
4	852
5	851
6	849
7	849
8	849
9	849
10	849
11	841
12	849
13	851
14	852
15	853
16	445

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	847
18	848
19	851
20	853
21	853
22	853
23	853
24	853
25	853
26	852
27	853
28	853
29	853
30	-
31	-

## INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Round to the nearest whole megawatt.

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February, 1984

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

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
1	84-02-16	F	3.05	A	3		CB	INSTRU	REACTOR COOLANT FLOW LOOP "A" FAILURE

<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

DOCKET NO: 50-287

UNIT: Oconee 3

DATE: 3-15-84

NARRATIVE SUMMARY

Month: February, 1984

Oconee Unit 3 tripped off-line on February 16, after completing 125 days of continuous operation. A reactor coolant flow transmitter failed low causing decreased feedwater flow which tripped the reactor on over pressure. The unit operated the remainder of the month at 100% power with no major problem.

### MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 3
2. Scheduled next refueling shutdown: March 8, 1984
3. Scheduled restart following refueling: May 18, 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: 0.
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: \_\_\_\_\_.

DUKE POWER COMPANY

Date: March 15, 1984

Name of Contact: J. A. Reavis

Phone: 704-373-7567



## OCONEE NUCLEAR STATION

### Operating Status Report

#### 1. Personnel Exposure

For the month of January, 1 individual exceeded 10 percent of their allowable annual radiation dose limit with the highest dose being 1.460 rem, which represents approximately 12.2% of that person's allowable annual limit.

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

The total station gaseous release for January has been compared with the derived Technical Specifications annual value of 15,000 curies; the total release for January 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

March 15, 1984

TELEPHONE  
(704) 373-4531

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 February 1984.

Very truly yours,

*H.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 30303

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

Senior Resident Inspector  
Oconee Nuclear Station

Mr. J. F. Suermann, 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

IE-24  
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