

# OPERATING DATA REPORT

DOCKET NO. 50-269  
 DATE 05-15-84  
 COMPLETED BY J.A. Reavis  
 TELEPHONE 704-373-7567

## OPERATING STATUS

1. Unit Name: Oconee 1
2. Reporting Period: April 1, 1984-April 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>719.0</u>	<u>2 903.0</u>	<u>94 608.0</u>
12. Number Of Hours Reactor Was Critical	<u>719.0</u>	<u>2 884.2</u>	<u>67 424.7</u>
13. Reactor Reserve Shutdown Hours	<u>-</u>	<u>-</u>	<u>-</u>
14. Hours Generator On-Line	<u>719.0</u>	<u>2 880.1</u>	<u>64 269.5</u>
15. Unit Reserve Shutdown Hours	<u>-</u>	<u>-</u>	<u>-</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 853 815</u>	<u>7 380 223</u>	<u>153 678 255</u>
17. Gross Electrical Energy Generated (MWH)	<u>650 600</u>	<u>2 590 670</u>	<u>53 458 900</u>
18. Net Electrical Energy Generated (MWH)	<u>623 280</u>	<u>2 480 256</u>	<u>50 645 807</u>
19. Unit Service Factor	<u>100.0</u>	<u>99.2</u>	<u>67.9</u>
20. Unit Availability Factor	<u>100.0</u>	<u>99.2</u>	<u>68.0</u>
21. Unit Capacity Factor (Using MDC Net)	<u>100.8</u>	<u>99.4</u>	<u>62.1</u>
22. Unit Capacity Factor (Using DER Net)	<u>97.8</u>	<u>96.4</u>	<u>60.4</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.8</u>	<u>16.9</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):

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

8405180069 840430  
 PDR ADDCK 05000269  
 PDR

(9/77)

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.	50-269
UNIT	Oconee 1
DATE	05-15-84
COMPLETED BY	J. A. Reavis
TELEPHONE	704-373-7567

MONTH April, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	869	17	868
2	869	18	866
3	870	19	867
4	869	20	867
5	870	21	866
6	862	22	866
7	843	23	857
8	868	24	867
9	870	25	867
10	869	26	866
11	870	27	867
12	870	28	867
13	869	29	831
14	869	30	866
15	869	31	
16	868		

## 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

50-269

DOCKET NO.  
UNIT NAME  
DATE  
COMPLETED BY  
TELEPHONE

OCONEE 1

05/15/84

J.A. Reavis

704-373-7567

REPORT MONTH APRIL, 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
7-p	84-04-07	S	--	B	--		CC	VALVEX	Control and Stop Valve PT's

1 F: Forced  
S: Scheduled

2

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)

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: 05/15/84

NARRATIVE SUMMARY

Month: APRIL 1984

Except for control valve and stop valve PT's on April 7, 1984, the unit ran the entire month at 100% with no major problems.

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

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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: 1119\* .
  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: May 15, 1984 .

Name of Contact: J. A. Reavis

Phone: 704-373-7567

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



# OPERATING DATA REPORT

DOCKET NO. 50-270  
DATE 05-15-84  
COMPLETED BY J.A. Reavis  
TELEPHONE 704-373-7567

## OPERATING STATUS

1. Unit Name: Oconee 2
2. Reporting Period: April 1, 1984-April 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	719.0	2 903.0	84 528.0
12. Number Of Hours Reactor Was Critical	719.0	2 903.0	60 216.5
13. Reactor Reserve Shutdown Hours	-	-	-
14. Hours Generator On-Line	719.0	2 903.0	59 063.2
15. Unit Reserve Shutdown Hours	-	-	-
16. Gross Thermal Energy Generated (MWH)	1 847 158	7 461 301	139 951 968
17. Gross Electrical Energy Generated (MWH)	636 260	2 574 990	47 672 846
18. Net Electrical Energy Generated (MWH)	610 793	2 471 275	45 282 844
19. Unit Service Factor	100.0	100.0	69.9
20. Unit Availability Factor	100.0	100.0	69.9
21. Unit Capacity Factor (Using MDC Net)	98.8	99.0	62.1
22. Unit Capacity Factor (Using DER Net)	95.9	96.1	60.5
23. Unit Forced Outage Rate	0.0	0.0	15.8
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	_____	_____

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-270  
 UNIT Ocone 2  
 DATE 05-15-84  
 COMPLETED BY J.A. Reavis  
 TELEPHONE 704-373-7567

MONTH April, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>851</u>	17	<u>849</u>
2	<u>851</u>	18	<u>851</u>
3	<u>851</u>	19	<u>852</u>
4	<u>851</u>	20	<u>851</u>
5	<u>851</u>	21	<u>852</u>
6	<u>850</u>	22	<u>851</u>
7	<u>850</u>	23	<u>850</u>
8	<u>850</u>	24	<u>849</u>
9	<u>851</u>	25	<u>849</u>
10	<u>852</u>	26	<u>849</u>
11	<u>852</u>	27	<u>849</u>
12	<u>852</u>	28	<u>849</u>
13	<u>820</u>	29	<u>813</u>
14	<u>852</u>	30	<u>848</u>
15	<u>852</u>	31	<u></u>
16	<u>851</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

REPORT MONTH April 1984

DOCKET NO. 50-270  
 UNIT NAME OCONEE 2  
 DATE 05/15/84  
 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
5-p	84-04-13	S	--	B	--		CC	VALVEX	Control and Stop Valve PT's

<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: 50-270

UNIT: OCONEE 2

DATE: 05/15/84

NARRATIVE SUMMARY

Month: April 1984

Except for control valve and stop valve PT's on April 13, 1984, the unit ran the entire month at 100% with no major problems.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 2.
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: 1119\*.
  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: May 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 05-15-84  
 COMPLETED BY J.A. Reavis  
 TELEPHONE 704-373-7567

## OPERATING STATUS

1. Unit Name: Oconee 3
2. Reporting Period: April 1, 1984 - April 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	719.0	2 903.0	82 175.0
12. Number Of Hours Reactor Was Critical	0.0	1 619.6	58 329.4
13. Reactor Reserve Shutdown Hours	-	-	-
14. Hours Generator On-Line	0.0	1 615.5	57 198.1
15. Unit Reserve Shutdown Hours	-	-	-
16. Gross Thermal Energy Generated (MWH)	0	4 048 036	139 540 600
17. Gross Electrical Energy Generated (MWH)	0	1 397 550	48 212 144
18. Net Electrical Energy Generated (MWH)	-1 252	1 335 943	45 903 061
19. Unit Service Factor	0.0	55.7	69.6
20. Unit Availability Factor	0.0	55.7	69.6
21. Unit Capacity Factor (Using MDC Net)	0.0	53.5	64.8
22. Unit Capacity Factor (Using DER Net)	0.0	51.9	63.1
23. Unit Forced Outage Rate	0.0	0.2	14.8
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Currently Refueling</u>			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: May 27, 1984

26. Units In Test Status (Prior to Commercial Operation):	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-287  
 UNIT Oconee 3  
 DATE 05-15-84  
 COMPLETED BY J.A. Reavis  
 TELEPHONE 704-373-7567

MONTH April, 1984

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.

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April 1984

DOCKET NO. 50-287  
 UNIT NAME OCONF 3  
 DATE 05/15/84  
 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	84-04-01	S	719.00	C	1		RC	FUL <sup>1</sup> YV	End of Cycle 7 Refueling Outage

<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



DOCKET NO: 50-287

UNIT: OCONEE 3

DATE: 05/15/84

NARRATIVE SUMMARY

Month: April 1984

The unit was in its end of cycle 7 refueling outage for the entire month of April and is expected to return to service late in May.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 3.
2. Scheduled next refueling shutdown: Currently Refueling.
3. Scheduled restart following refueling: May 27, 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

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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: 72.
  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: May 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 March, 12 individual(s) exceeded 10 percent of their allowable annual radiation dose limit with the highest dose being 2.070 rem, which represents approximately 17.2% of that person's allowable annual limit.

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

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

P. O. BOX 33189

# DUKE POWER COMPANY

## GENERAL OFFICES

422 SOUTH CHURCH STREET

CHARLOTTE, N. C. 28242

May 15, 1984

TELEPHONE: AREA 704  
373-4011

✓ 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 April 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

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

IE24