

# OPERATING DATA REPORT

DOCKET NO. 50-269  
 DATE 04-13-84  
 COMPLETED BY J.A. Reavis  
 TELEPHONE 704-373-7567

## OPERATING STATUS

1. Unit Name: Oconee 1
2. Reporting Period: March 1, 1984 - March 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

### Notes

Year-to-date and cumulative capacity factors are calculated using a weighted average for maximum dependable capacity.

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:  
None

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	2 184.0	93 889.0
12. Number Of Hours Reactor Was Critical	725.2	2 165.2	66 705.7
13. Reactor Reserve Shutdown Hours	-	-	-
14. Hours Generator On-Line	721.1	2 161.1	63 550.5
15. Unit Reserve Shutdown Hours	-	-	-
16. Gross Thermal Energy Generated (MWH)	1 829 551	5 526 408	151 824 440
17. Gross Electrical Energy Generated (MWH)	642 590	1 940 070	52 808 300
18. Net Electrical Energy Generated (MWH)	614 561	1 856 976	50 022 527
19. Unit Service Factor	96.9	99.0	67.7
20. Unit Availability Factor	96.9	99.0	67.7
21. Unit Capacity Factor (Using MDC Net)	96.1	98.9	61.8
22. Unit Capacity Factor (Using DER Net)	93.2	96.0	60.1
23. Unit Forced Outage Rate	3.1	1.1	17.0

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):

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

Forecast

Achieved

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(9/77)

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.	50-269
UNIT	Oconee 1
DATE	04-13-84
COMPLETED BY	J. A. Reavis
TELEPHONE	704-373-7567

MONTH March 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	749	17	869
2	-	18	871
3	625	19	870
4	870	20	820
5	870	21	870
6	870	22	871
7	819	23	871
8	869	24	871
9	870	25	871
10	870	26	871
11	870	27	870
12	870	28	870
13	870	29	869
14	871	30	870
15	864	31	870
16	870		

## 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 March, 1984

DOCKET NO. 50-269  
 UNIT NAME Oconee 1  
 DATE 4/13/84  
 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	84-03-02	F	22.87	D	1		CE	ZZZZZZ	"A" Core Flood Tank Boron Conc. out of spec.
4-p	84-03-07	F	--	A	-		HJ	PIPEXX	Repair "E" Bleed Steam Extraction Line
5-p	84-03-15	F	--	A	-		AA	VALVEX	Condensate Coolers Bypass Valve Failed Closed
6-p	84-03-20	F	--	A	-		RB	CRDRVE	Runback due to loss of group two control rod out indication.

<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: Oconee 1

DATE: 4/13/84

#### NARRATIVE SUMMARY

Month: March 1984

Oconee Unit 1 started the month at 100% but shut down on 2 March 1984 due to the inadvertant dilution of Core Flood Tank A. The unit was back on line at 23:45, 2 March 1984.

On 7 March 1984, the unit dropped load by 10% to fix a steam leak on "E" Bleed System Extraction line and returned to 100% later that day.

The unit ran at 100% until 15 March 1984, when a condensate valve failed closed, causing a low Condensate Booster Pump suction pressure. Because of chemistry considerations, power was dropped to 95%, but returned to 100% that day.

The unit received a runback to 55% on 20 March 1984, because of a loss of indication of a rod on the Rod Control System. The problem was one of indication only, and the unit was back to 100% at 1828, 20 March 1984.

The unit ran at 100% for the rest of the month.

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: 1121\*.
  8. Present licensed fuel pool capacity: 1312.  
Size of requested or planned increase: NA.
  9. Projected date of last refueling which can be accommodated by present licensed capacity: August 1991.

DUKE POWER COMPANY

Date: April 13, 1984.

Name of Contact: J. A. Reavis

Phone: 704-373-7567

# OPERATING DATA REPORT

DOCKET NO. 50-270  
 DATE 04-13-84  
 COMPLETED BY J.A. Reavis  
 TELEPHONE 704-373-7567

## OPERATING STATUS

1. Unit Name: Oconee 2
2. Reporting Period: March 1, 1984-March 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	2 184.0	83 809.0
12. Number Of Hours Reactor Was Critical	744.0	2 184.0	59 497.5
13. Reactor Reserve Shutdown Hours	-	-	-
14. Hours Generator On-Line	744.0	2 184.0	58 344.2
15. Unit Reserve Shutdown Hours	-	-	-
16. Gross Thermal Energy Generated (MWH)	1 914 657	5 614 143	138 104 810
17. Gross Electrical Energy Generated (MWH)	659 230	1 938 730	47 043 586
18. Net Electrical Energy Generated (MWH)	632 817	1 860 482	44 672 051
19. Unit Service Factor	100.0	100.0	69.6
20. Unit Availability Factor	100.0	100.0	69.6
21. Unit Capacity Factor (Using MDC Net)	98.9	99.1	61.8
22. Unit Capacity Factor (Using DER Net)	96.0	96.2	60.2
23. Unit Forced Outage Rate	0.0	0.0	16.0
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 Oconee 2  
 DATE 04-13-84  
 COMPLETED BY J.A. Reavis  
 TELEPHONE 704-373-7567

MONTH March 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>853</u>	17	<u>830</u>
2	<u>845</u>	18	<u>852</u>
3	<u>851</u>	19	<u>853</u>
4	<u>854</u>	20	<u>852</u>
5	<u>854</u>	21	<u>852</u>
6	<u>854</u>	22	<u>851</u>
7	<u>854</u>	23	<u>851</u>
8	<u>850</u>	24	<u>851</u>
9	<u>844</u>	25	<u>851</u>
10	<u>847</u>	26	<u>851</u>
11	<u>852</u>	27	<u>851</u>
12	<u>852</u>	28	<u>851</u>
13	<u>852</u>	29	<u>851</u>
14	<u>852</u>	30	<u>851</u>
15	<u>852</u>	31	<u>851</u>
16	<u>853</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 March, 1984

DOCKET NO. 50-270  
 UNIT NAME Oconee 2  
 DATE 04/13/84  
 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
4-p	84-03-16	S	--	B	-		CC	VALVEX	Turbine and Control Valve Movement Tests

<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: Ocone 2

DATE: 4/13/84

#### NARRATIVE SUMMARY

Month: March 1984

Ocone Unit 2 ran at 100% for the entire month, except for 16 March 1984, when power was reduced to 85% for a valve movement test for 1 hour.

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: 1121\*.

8. Present licensed fuel pool capacity: 1312.  
Size of requested or planned increase: N/A.
9. Projected date of last refueling which can be accommodated by present licensed capacity: August 1991.

DUKE POWER COMPANY

Date: April 13, 1984.

Name of Contact: J. A. Reavis

Phone: 704-373-7567

# OPERATING DATA REPORT

DOCKET NO. 50-287  
 DATE 04-13-84  
 COMPLETED BY J.A. Reavis  
 TELEPHONE 704-373-7567

## OPERATING STATUS

1. Unit Name: Oconee 3
2. Reporting Period: March 1, 1984 - March 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

### Notes

Year-to-date and cumulative capacity factors are calculated using a weighted average for maximum dependable capacity.

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:  
None

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>2 184.0</u>	<u>81 456.0</u>
12. Number Of Hours Reactor Was Critical	<u>180.7</u>	<u>1 619.6</u>	<u>58 329.4</u>
13. Reactor Reserve Shutdown Hours	<u>-</u>	<u>-</u>	<u>-</u>
14. Hours Generator On-Line	<u>178.5</u>	<u>1 615.5</u>	<u>57 198.1</u>
15. Unit Reserve Shutdown Hours	<u>-</u>	<u>-</u>	<u>-</u>
16. Gross Thermal Energy Generated (MWH)	<u>377 668</u>	<u>4 048 036</u>	<u>139 540 600</u>
17. Gross Electrical Energy Generated (MWH)	<u>130 180</u>	<u>1 397 550</u>	<u>48 212 144</u>
18. Net Electrical Energy Generated (MWH)	<u>121 349</u>	<u>1 337 195</u>	<u>45 904 313</u>
19. Unit Service Factor	<u>24.0</u>	<u>74.0</u>	<u>70.2</u>
20. Unit Availability Factor	<u>24.0</u>	<u>74.0</u>	<u>70.2</u>
21. Unit Capacity Factor (Using MDC Net)	<u>19.0</u>	<u>71.2</u>	<u>65.3</u>
22. Unit Capacity Factor (Using DER Net)	<u>18.4</u>	<u>69.1</u>	<u>63.6</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.2</u>	<u>14.8</u>

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

25. If Shut Down At End Of Report Period, Estimated Date of Startup: May 18, 1984
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-287  
UNIT Oconee 3  
DATE 04-13-84  
COMPLETED BY J.A. Reavis  
TELEPHONE 704-373-7567

MONTH March 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>853</u>	17	<u>-</u>
2	<u>853</u>	18	<u>-</u>
3	<u>853</u>	19	<u>-</u>
4	<u>853</u>	20	<u>-</u>
5	<u>776</u>	21	<u>-</u>
6	<u>406</u>	22	<u>-</u>
7	<u>408</u>	23	<u>-</u>
8	<u>151</u>	24	<u>-</u>
9	<u>-</u>	25	<u>-</u>
10	<u>-</u>	26	<u>-</u>
11	<u>-</u>	27	<u>-</u>
12	<u>-</u>	28	<u>-</u>
13	<u>-</u>	29	<u>-</u>
14	<u>-</u>	30	<u>-</u>
15	<u>-</u>	31	<u>-</u>
16	<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

REPORT MONTH March, 1984

DOCKET NO. 50-287  
 UNIT NAME Oconee 3  
 DATE 04/13/84  
 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	84-03-05	S	--	H	-		RC	ZZZZZZ	Economic Dispatch
2	84-03-08	S	565.48	C	-		RC	FUELXX	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: 4/13/84

NARRATIVE SUMMARY

Month: March 1984

Oconee 3 began the month at 100%, reduced load on 5 March 1984 to 50% per Dispatcher request and shut down on 8 March 1984 for a refueling outage. The unit is scheduled to be on-line on 18 May 1984.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 3
2. Scheduled next refueling shutdown: Currently Refueling
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

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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: 175  
(b) in the spent fuel pool: 72

8. Present licensed fuel pool capacity: 825  
Size of requested or planned increase: N/A
9. Projected date of last refueling which can be accommodated by present licensed capacity: August 1991

DUKE POWER COMPANY

Date: April 17, 1984

Name of Contact: J. A. Reavis

Phone: 704-373-7567

OCONEE NUCLEAR STATION  
Operating Status Report

1. Personnel Exposure

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

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

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

April 13, 1984

TELEPHONE  
(704) 373-4531

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

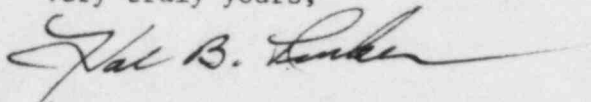
Attention: Document Control Desk

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 March 1984.

Very truly yours,



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

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

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

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

Senior Resident Inspector  
Oconee Nuclear Station

IE24  
1/1