

## OPERATING DATA REPORT

DOCKET NO. 50-269  
 DATE 03-15-85  
 COMPLETED BY J.A. Reavis  
 TELEPHONE 704-373-7567

### OPERATING STATUS

1. Unit Name: Oconee 1
2. Reporting Period: February 1, 1985-February 28, 1985
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	672.0	1 416.0	101 905.0
12. Number Of Hours Reactor Was Critical	672.0	1 413.2	73 406.2
13. Reactor Reserve Shutdown Hours	---	---	---
14. Hours Generator On-Line	672.0	1 407.6	70 111.6
15. Unit Reserve Shutdown Hours	---	---	---
16. Gross Thermal Energy Generated (MWH)	1 694 424	3 591 309	168 465 073
17. Gross Electrical Energy Generated (MWH)	589 730	1 248 310	58 584 990
18. Net Electrical Energy Generated (MWH)	564 231	1 193 476	55 525 762
19. Unit Service Factor	100.0	99.4	68.8
20. Unit Availability Factor	100.0	99.4	68.8
21. Unit Capacity Factor (Using MDC Net)	97.6	98.0	63.2
22. Unit Capacity Factor (Using DER Net)	94.8	95.1	61.5
23. Unit Forced Outage Rate	0.0	0.6	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):

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

8503250230 850315  
 PDR ADOCK 05000269  
 R PDR

EE24 (9/77)  
 111

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-269  
 UNIT Oconee 1  
 DATE 03/15/85  
 COMPLETED BY J. A. Reavis  
 TELEPHONE 704-373-7567

MONTH February, 1985

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>864</u>	17	<u>758</u>
2	<u>864</u>	18	<u>756</u>
3	<u>864</u>	19	<u>749</u>
4	<u>864</u>	20	<u>748</u>
5	<u>863</u>	21	<u>841</u>
6	<u>863</u>	22	<u>859</u>
7	<u>863</u>	23	<u>863</u>
8	<u>863</u>	24	<u>863</u>
9	<u>863</u>	25	<u>862</u>
10	<u>863</u>	26	<u>861</u>
11	<u>863</u>	27	<u>861</u>
12	<u>864</u>	28	<u>861</u>
13	<u>863</u>	29	<u>---</u>
14	<u>863</u>	30	<u>---</u>
15	<u>790</u>	31	<u>---</u>
16	<u>750</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. 50-269  
 UNIT NAME Oconee 1  
 DATE 3/15/85  
 COMPLETED BY J. A. Reavis  
 TELEPHONE 704-373-7567

REPORT MONTH February 1985

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
3-p	85-02-15	F	--	A	--		HH	PUMPXX	Repair Leak on Heater Drain Pump

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: 3/15/85

NARRATIVE SUMMARY

Month: February, 1985

The unit operated at 100% during most of the month except to make repairs on a heater drain pump on February 15th.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 1 .
2. Scheduled next refueling shutdown: March 1986 .
3. Scheduled restart following refueling: May 1986 .
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: 999\* .
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: March 15, 1985 .

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 03-15-85  
 COMPLETED BY J.A. Reavis  
 TELEPHONE 704-373-7567

## OPERATING STATUS

1. Unit Name: Oconee 2
2. Reporting Period: February 1, 1985-February 28, 1985
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>672.0</u>	<u>1 416.0</u>	<u>91 825.0</u>
12. Number Of Hours Reactor Was Critical	<u>490.8</u>	<u>1 234.8</u>	<u>67 332.2</u>
13. Reactor Reserve Shutdown Hours	<u>---</u>	<u>---</u>	<u>---</u>
14. Hours Generator On-Line	<u>485.7</u>	<u>1 229.7</u>	<u>66 173.9</u>
15. Unit Reserve Shutdown Hours	<u>---</u>	<u>---</u>	<u>---</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 096 727</u>	<u>2 990 901</u>	<u>157 759 206</u>
17. Gross Electrical Energy Generated (MWH)	<u>363 770</u>	<u>1 005 030</u>	<u>53 732 946</u>
18. Net Electrical Energy Generated (MWH)	<u>345 026</u>	<u>958 683</u>	<u>51 068 216</u>
19. Unit Service Factor	<u>72.3</u>	<u>86.9</u>	<u>72.1</u>
20. Unit Availability Factor	<u>72.3</u>	<u>86.9</u>	<u>72.1</u>
21. Unit Capacity Factor (Using MDC Net)	<u>59.7</u>	<u>78.7</u>	<u>64.5</u>
22. Unit Capacity Factor (Using DER Net)	<u>58.0</u>	<u>76.4</u>	<u>62.8</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.0</u>	<u>14.4</u>

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

25. If Shut Down At End Of Report Period, Estimated Date of Startup: April 24, 1985
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 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 03/15/85  
 COMPLETED BY J.A. Reavis  
 TELEPHONE 704-373-7567

MONTH February, 1985

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>701</u>	17	<u>701</u>
2	<u>700</u>	18	<u>701</u>
3	<u>701</u>	19	<u>697</u>
4	<u>698</u>	20	<u>699</u>
5	<u>729</u>	21	<u>75</u>
6	<u>822</u>	22	<u>---</u>
7	<u>821</u>	23	<u>---</u>
8	<u>769</u>	24	<u>---</u>
9	<u>702</u>	25	<u>---</u>
10	<u>701</u>	26	<u>---</u>
11	<u>702</u>	27	<u>---</u>
12	<u>701</u>	28	<u>---</u>
13	<u>700</u>	29	<u>---</u>
14	<u>701</u>	30	<u>---</u>
15	<u>701</u>	31	<u>---</u>
16	<u>703</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 3/15/85  
 COMPLETED BY J. A. Reavis  
 TELEPHONE 704-373-7567

REPORT MONTH February 1985

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
2-p	85-02-01	S	--	H	-		RC	FUELXX	Core Conservation
3-p	85-02-05	S	--	A	-		CH	HTEXCH	Steam Generator High Level
4-p	85-02-08	S	--	H	-		RC	FUELXX	Core Conservation
1	85-02-21	S	186.27	C	1		RC	FUELXX	End of Cycle 7 Refueling Outage

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: 3/15/85

NARRATIVE SUMMARY

Month: February 1985

The unit ran most of the month at 85% to extend core life in order to bring the unit out for its end of cycle 7 refueling outage on a weekend. The unit began its refueling outage on February 21, following 439 days of continuous operation, establishing a world record.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 2
2. Scheduled next refueling shutdown: Currently Refueling
3. Scheduled restart following refueling: \_\_\_\_\_
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: 999.
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: March 15, 1985

Name of Contact: J. A. Reavis

Phone: 704-373-7567

OPERATING DATA REPORT

DOCKET NO. 50-287  
 DATE 03-15-85  
 COMPLETED BY J.A. Reavis  
 TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: Oconee 3
2. Reporting Period: February 1, 1985-February 28, 1985
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>672.0</u>	<u>1 416.0</u>	<u>89 472.0</u>
12. Number Of Hours Reactor Was Critical	<u>672.0</u>	<u>1 416.0</u>	<u>64 646.6</u>
13. Reactor Reserve Shutdown Hours	<u>---</u>	<u>---</u>	<u>---</u>
14. Hours Generator On-Line	<u>672.0</u>	<u>1 416.0</u>	<u>63 474.1</u>
15. Unit Reserve Shutdown Hours	<u>---</u>	<u>---</u>	<u>---</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 713 930</u>	<u>3 626 399</u>	<u>155 423 440</u>
17. Gross Electrical Energy Generated (MWH)	<u>593 420</u>	<u>1 249 250</u>	<u>53 674 184</u>
18. Net Electrical Energy Generated (MWH)	<u>569 560</u>	<u>1 198 505</u>	<u>51 119 878</u>
19. Unit Service Factor	<u>100.0</u>	<u>100.0</u>	<u>70.9</u>
20. Unit Availability Factor	<u>100.0</u>	<u>100.0</u>	<u>70.9</u>
21. Unit Capacity Factor (Using MDC Net)	<u>98.6</u>	<u>98.4</u>	<u>66.3</u>
22. Unit Capacity Factor (Using DER Net)	<u>95.7</u>	<u>95.5</u>	<u>64.5</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.0</u>	<u>14.1</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Refueling - August 16, 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. 50-287  
 UNIT Oconee 3  
 DATE 03/15/85  
 COMPLETED BY J.A. Reavis  
 TELEPHONE 704-373-7567

MONTH February, 1985

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>848</u>	17	<u>849</u>
2	<u>848</u>	18	<u>849</u>
3	<u>848</u>	19	<u>849</u>
4	<u>849</u>	20	<u>849</u>
5	<u>848</u>	21	<u>848</u>
6	<u>848</u>	22	<u>846</u>
7	<u>848</u>	23	<u>847</u>
8	<u>848</u>	24	<u>848</u>
9	<u>848</u>	25	<u>847</u>
10	<u>849</u>	26	<u>848</u>
11	<u>849</u>	27	<u>848</u>
12	<u>849</u>	28	<u>848</u>
13	<u>848</u>	29	<u>---</u>
14	<u>849</u>	30	<u>---</u>
15	<u>829</u>	31	<u>---</u>
16	<u>849</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 3/15/85  
 COMPLETED BY J. A. Reavis  
 TELEPHONE 704-373-7567

REPORT MONTH February 1985

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
3-p	85-02-15	S	--	B	--		CC	VALVEX	Turbine Control & Stop Valve Movement PTS

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: 3/15/85

NARRATIVE SUMMARY

Month: February 1985

The unit ran at 100% throughout most of the month except to perform Turbine Control and Stop Valve movement PT's on February 15th.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 3
2. Scheduled next refueling shutdown: August 1985
3. Scheduled restart following refueling: October 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: 255.

8. Present licensed fuel pool capacity: 875.  
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: March 15, 1985

Name of Contact: J. A. Reavis

Phone: 704-373-7567

OCONEE NUCLEAR STATION

Monthly Operating Status Report

1. Personnel Exposure:

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

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