

## OPERATING DATA REPORT

DOCKET NO. 50-269  
 DATE 02-15-85  
 COMPLETED BY J.A. Reavis  
 TELEPHONE 704-373-7567

### OPERATING STATUS

1. Unit Name: Oconee 1
2. Reporting Period: January 1, 1985-January 31, 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

**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	744.0	101 233.0
12. Number Of Hours Reactor Was Critical	741.2	741.2	72 734.2
13. Reactor Reserve Shutdown Hours	---	---	---
14. Hours Generator On-Line	735.6	735.6	69 439.6
15. Unit Reserve Shutdown Hours	---	---	---
16. Gross Thermal Energy Generated (MWH)	1 896 885	1 896 885	166 770 649
17. Gross Electrical Energy Generated (MWH)	658 580	658 580	57 995 260
18. Net Electrical Energy Generated (MWH)	629 245	629 245	54 961 531
19. Unit Service Factor	98.9	98.9	68.6
20. Unit Availability Factor	98.9	98.9	68.6
21. Unit Capacity Factor (Using MDC Net)	98.3	98.3	63.0
22. Unit Capacity Factor (Using DER Net)	95.5	95.5	61.3
23. Unit Forced Outage Rate	1.1	1.1	16.0

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
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

8502220187 850131  
 PDR ADOCK 05000269  
 R PDR

(9/77)

IE24  
1/1

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-269  
 UNIT Oconee 1  
 DATE 02-15-85  
 COMPLETED BY J. A. Reavis  
 TELEPHONE 704-273-7567

MONTH January, 1985

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>857</u>	17	<u>859</u>
2	<u>857</u>	18	<u>859</u>
3	<u>857</u>	19	<u>859</u>
4	<u>860</u>	20	<u>859</u>
5	<u>860</u>	21	<u>856</u>
6	<u>860</u>	22	<u>440</u>
7	<u>859</u>	23	<u>861</u>
8	<u>858</u>	24	<u>862</u>
9	<u>860</u>	25	<u>864</u>
10	<u>860</u>	26	<u>864</u>
11	<u>832</u>	27	<u>864</u>
12	<u>859</u>	28	<u>864</u>
13	<u>859</u>	29	<u>864</u>
14	<u>859</u>	30	<u>864</u>
15	<u>859</u>	31	<u>864</u>
16	<u>859</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 2/15/85  
 COMPLETED BY J. A. Reavis  
 TELEPHONE (704) 373-7567

REPORT MONTH January 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
1-p	85-01-11	F	--	A	-		IB	INSTRU	Bad Power Supply on an Engineered Safeguards System Channel
2-p	85-01-11	S	--	B	-		CC	VALVEX	Turbine Control and Stop Valve Movement PT's
1	85-01-22	F	8.37	A	4		ED	CKTBRK	During Generator Breaker Maintenance Relays Were Tripped Resulting in Unit Trip

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: 2/15/85

NARRATIVE SUMMARY

Month: January 1985

The unit was forced to reduce power to 95% on January 11, 1985, when a power supply to the Engineered Safeguards System failed. The power supply was replaced and the unit returned to 100%. A trip occurred during maintenance on a Generator Breaker on January 22, 1985. The unit returned to service and operated at 100% for the balance of the month.

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: 1037\* .
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: February 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 02-15-85  
 COMPLETED BY J.A. Reavis  
 TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: Oconee 2
2. Reporting Period: January 1, 1985-January 31, 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>744.0</u>	<u>744.0</u>	<u>91 153.0</u>
12. Number Of Hours Reactor Was Critical	<u>744.0</u>	<u>744.0</u>	<u>66 841.5</u>
13. Reactor Reserve Shutdown Hours	<u>---</u>	<u>---</u>	<u>---</u>
14. Hours Generator On-Line	<u>744.0</u>	<u>744.0</u>	<u>65 688.2</u>
15. Unit Reserve Shutdown Hours	<u>---</u>	<u>---</u>	<u>---</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 894 174</u>	<u>1 894 174</u>	<u>156 662 479</u>
17. Gross Electrical Energy Generated (MWH)	<u>641 260</u>	<u>641 260</u>	<u>53 369 176</u>
18. Net Electrical Energy Generated (MWH)	<u>613 657</u>	<u>613 657</u>	<u>50 723 190</u>
19. Unit Service Factor	<u>100.0</u>	<u>100.0</u>	<u>72.1</u>
20. Unit Availability Factor	<u>100.0</u>	<u>100.0</u>	<u>72.1</u>
21. Unit Capacity Factor (Using MDC Net)	<u>95.9</u>	<u>95.9</u>	<u>64.5</u>
22. Unit Capacity Factor (Using DER Net)	<u>93.1</u>	<u>93.1</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):  
Refueling - February 21, 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 02-15-85  
 COMPLETED BY J.A. Reavis  
 TELEPHONE 704-373-7567

MONTH January, 1985

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>837</u>	17	<u>832</u>
2	<u>837</u>	18	<u>833</u>
3	<u>836</u>	19	<u>832</u>
4	<u>819</u>	20	<u>831</u>
5	<u>829</u>	21	<u>830</u>
6	<u>834</u>	22	<u>828</u>
7	<u>832</u>	23	<u>832</u>
8	<u>832</u>	24	<u>832</u>
9	<u>832</u>	25	<u>830</u>
10	<u>833</u>	26	<u>830</u>
11	<u>832</u>	27	<u>831</u>
12	<u>832</u>	28	<u>831</u>
13	<u>832</u>	29	<u>831</u>
14	<u>832</u>	30	<u>757</u>
15	<u>832</u>	31	<u>700</u>
16	<u>833</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 2/15/85  
 COMPLETED BY J. A. Reavis  
 TELEPHONE (704) 373-7567

REPORT MONTH January 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
1-p	85-01-04	S	--	B	-		CC	VALVES	Turbine Control & Stop Valve Movement PT's
2-p	85-01-30	S	--	H	-		RC	ZZZZZZ	Power reduced to extend operation and shorten overlap between concurrent refueling operations.

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  
 C-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: 2/15/85

NARRATIVE SUMMARY

Month: January 1985

The unit operated at 100% all month except for January 4, when power was reduced to 85% for a PT, and on January 30, when power was reduced to 85% to extend the unit's run to reduce the overlap between refuelings.

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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: 1037\* .
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: February 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. 50-287  
 DATE 02-15-85  
 COMPLETED BY J.A. Reavis  
 TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: Oconee 3  
 2. Reporting Period: January 1, 1985-January 31, 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>744.0</u>	<u>744.0</u>	<u>88 800.0</u>
12. Number Of Hours Reactor Was Critical	<u>744.0</u>	<u>744.0</u>	<u>63 974.6</u>
13. Reactor Reserve Shutdown Hours	<u>---</u>	<u>---</u>	<u>---</u>
14. Hours Generator On-Line	<u>744.0</u>	<u>744.0</u>	<u>62 802.1</u>
15. Unit Reserve Shutdown Hours	<u>---</u>	<u>---</u>	<u>---</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 912 470</u>	<u>1 912 470</u>	<u>153 709 511</u>
17. Gross Electrical Energy Generated (MWH)	<u>655 830</u>	<u>655 830</u>	<u>53 080 764</u>
18. Net Electrical Energy Generated (MWH)	<u>628 945</u>	<u>628 945</u>	<u>50 550 318</u>
19. Unit Service Factor	<u>100.0</u>	<u>100.0</u>	<u>70.7</u>
20. Unit Availability Factor	<u>100.0</u>	<u>100.0</u>	<u>70.7</u>
21. Unit Capacity Factor (Using MDC Net)	<u>98.3</u>	<u>98.3</u>	<u>66.0</u>
22. Unit Capacity Factor (Using DER Net)	<u>95.4</u>	<u>95.4</u>	<u>64.3</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.0</u>	<u>14.2</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):

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-287  
 UNIT Oconee 3  
 DATE 02-15-85  
 COMPLETED BY J.A. Reavis  
 TELEPHONE 704-373-7567

MONTH January, 1985

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>848</u>	17	<u>848</u>
2	<u>847</u>	18	<u>821</u>
3	<u>846</u>	19	<u>846</u>
4	<u>847</u>	20	<u>848</u>
5	<u>847</u>	21	<u>849</u>
6	<u>846</u>	22	<u>847</u>
7	<u>812</u>	23	<u>848</u>
8	<u>846</u>	24	<u>848</u>
9	<u>847</u>	25	<u>847</u>
10	<u>846</u>	26	<u>847</u>
11	<u>847</u>	27	<u>848</u>
12	<u>847</u>	28	<u>849</u>
13	<u>848</u>	29	<u>848</u>
14	<u>847</u>	30	<u>848</u>
15	<u>847</u>	31	<u>848</u>
16	<u>848</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 2/15/85  
 COMPLETED BY J. A. Reavis  
 TELEPHONE (704) 373-7567

REPORT MONTH January 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
1-p	85-01-07	F	--	A	-		HH	PUMPXX	Repair Heater Drain Pump
2-p	85-01-18	S	--	B	-		CC	VALVEX	Turbine & 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

DOCKET NO: 50-287

UNIT: Oconee 3

DATE: 2/15/85

NARRATIVE SUMMARY

Month: January 1985

The unit operated at 100% all month except for a reduction to 85% on January 7, to repair a Heater Drain Pump, and a PT on January 18.

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

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: 218.
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: February 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 December, no individual(s) exceeded 10 percent of their allowable annual radiation dose limit.

2. The total station liquid release for December 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 December 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

HAL B. TUCKER  
VICE PRESIDENT  
NUCLEAR PRODUCTION

February 15, 1985

TELEPHONE  
(704) 373-4531

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

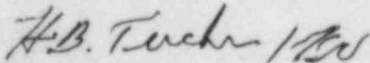
Attention: Document Control Desk

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 January 1985.

Very truly yours,



Hal B. Tucker

JAR:scs  
Attachments

cc: Dr. J. Nelson Grace, Regional Administrator  
U. S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street, NW, Suite 2900  
Atlanta, Georgia 30323

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

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

Senior Resident Inspector  
Oconee Nuclear Station

IE24  
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