

# OPERATING DATA REPORT

DOCKET NO. 50-269  
 DATE 2-15-83  
 COMPLETED BY J. A. Peavis  
 TELEPHONE 704-373-7567

## OPERATING STATUS

1. Unit Name: Oconee #1
2. Reporting Period: January 1, 1983-January 31, 1983
3. Licensed Thermal Power (MWt): 2.68
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	744.0	83 689.0
12. Number Of Hours Reactor Was Critical	744.0	744.0	58 411.0
13. Reactor Reserve Shutdown Hours	--	--	--
14. Hours Generator On-Line	730.9	730.9	55 313.9
15. Unit Reserve Shutdown Hours	--	--	--
16. Gross Thermal Energy Generated (MWH)	1 867 398	1 867 398	130 987 085
17. Gross Electrical Energy Generated (MWH)	651 810	651 810	45 569 720
18. Net Electrical Energy Generated (MWH)	623 176	623 176	43 120 102
19. Unit Service Factor	98.2	98.2	66.1
20. Unit Availability Factor	98.2	98.2	66.1
21. Unit Capacity Factor (Using MDC Net)	97.4	97.4	59.7
22. Unit Capacity Factor (Using DER Net)	94.5	94.5	58.2
23. Unit Forced Outage Rate	1.8	1.8	19.0
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Refueling - August 1, 1983 - 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 | _____    | _____    |

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January, 1983

DOCKET NO. 50-269  
 UNIT NAME Ocone 1  
 DATE 2-15-83  
 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	83-01-06	F	13.12	A	1		HA	XXXXXX	Bad bearings on EHC permanent magnet generator (PMG) began creating a fire hazard in the front standard, the turbine was shutdown and the PMG unit removed.

<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>  
 F bit G - Instructions  
 or Preparation of Data  
 Entry Sheets for Licensee  
 Event Report (LER) File (NUR:G-0161)

<sup>5</sup>  
 Exhibit I - Same Source

DOCKET NO. 50-269  
UNIT Oconee 1  
DATE 2-15-83

AVERAGE DAILY UNIT POWER LEVEL

MONTH January, 1983

AVERAGE DAILY POWER LEVEL (MWe-net)		AVERAGE DAILY POWER LEVEL (MWe-net)	
DAY		DAY	
1	<u>863</u>	17	<u>861</u>
2	<u>863</u>	18	<u>861</u>
3	<u>862</u>	19	<u>861</u>
4	<u>862</u>	20	<u>861</u>
5	<u>861</u>	21	<u>859</u>
6	<u>517</u>	22	<u>859</u>
7	<u>489</u>	23	<u>859</u>
8	<u>860</u>	24	<u>860</u>
9	<u>860</u>	25	<u>860</u>
10	<u>860</u>	26	<u>862</u>
11	<u>859</u>	27	<u>861</u>
12	<u>860</u>	28	<u>861</u>
13	<u>860</u>	29	<u>860</u>
14	<u>861</u>	30	<u>861</u>
15	<u>861</u>	31	<u>860</u>
16	<u>861</u>		

DAILY UNIT POWER LEVEL FORM INSTRUCTIONS

On this form, list the average daily unit power level in MWe-net for each day in the reporting month. Compute to the nearest whole megawatt.

These figures will be used to plot a graph for each reporting month. Note that by using maximum dependable capacity for the net electrical rating of the unit, there may be occasions when the daily average power level exceeds the 100% line (or the restricted power level line). In such cases, the average daily unit power output sheet should be footnoted to explain the apparent anomaly.

DOCKET NO: 50-269

UNIT: Oconee 1

DATE: 2-15-83

# NARRATIVE SUMMARY

Month: January, 1983

Oconee Unit 1 entered the year at full load and operated at this level until January 6. The turbine was manually shutdown due to bad bearings on the E.H.C. permanent magnet generator which created a fire hazard in the turbine front standard. The PMG unit, which provides backup power to the EHC system, was removed and the unit returned to service on January 7. The unit operated the remainder of the month at full power.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 1.
2. Scheduled next refueling shutdown: August, 1983.
3. Scheduled restart following refueling: October, 1983.
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? NA.

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: 818.
  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: February 15, 1983.

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 2-15-83  
 COMPLETED BY J. A. Reavis  
 TELEPHONE 704-373-7567

## OPERATING STATUS

1. Unit Name: Oconee #2
2. Reporting Period: January 1, 1983-January 31, 1983
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	744.0	73 609.0
12. Number Of Hours Reactor Was Critical	744.0	744.0	51 657.7
13. Reactor Reserve Shutdown Hours	--	--	--
14. Hours Generator On-Line	744.0	744.0	50 554.4
15. Unit Reserve Shutdown Hours	--	--	--
16. Gross Thermal Energy Generated (MWH)	1 905 446	1 905 446	118 568 755
17. Gross Electrical Energy Generated (MWH)	657 200	657 200	40 369 346
18. Net Electrical Energy Generated (MWH)	630 470	630 470	38 300 705
19. Unit Service Factor	100.0	100.0	68.7
20. Unit Availability Factor	100.0	100.0	68.7
21. Unit Capacity Factor (Using MDC Net)	98.5	98.5	60.3
22. Unit Capacity Factor (Using DER Net)	95.6	95.6	58.7
23. Unit Forced Outage Rate	0.0	0.0	17.5
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 | _____    | _____    |

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January, 1983

DOCKET NO. 50-270  
 UNIT NAME Oconee 2  
 DATE 2/15/83  
 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-p	83-01-05	F	--	A	--		HH	VALVEX	2D1 - Header drain pump tripped on low level due to discharge control valve.
2-p	83-01-08	S	--	A	--		HH	VALVEX	Reduced power to work on 2D1 heater drain pump discharge control valve.

<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. 50-270  
UNIT Oconee 2  
DATE 2-15-83

**AVERAGE DAILY UNIT POWER LEVEL**

MONTH January, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-net)
1	<u>851</u>	17	<u>848</u>
2	<u>852</u>	18	<u>850</u>
3	<u>851</u>	19	<u>850</u>
4	<u>851</u>	20	<u>852</u>
5	<u>816</u>	21	<u>854</u>
6	<u>844</u>	22	<u>854</u>
7	<u>841</u>	23	<u>852</u>
8	<u>806</u>	24	<u>852</u>
9	<u>850</u>	25	<u>852</u>
10	<u>850</u>	26	<u>851</u>
11	<u>851</u>	27	<u>851</u>
12	<u>851</u>	28	<u>851</u>
13	<u>850</u>	29	<u>850</u>
14	<u>848</u>	30	<u>852</u>
15	<u>844</u>	31	<u>851</u>
16	<u>844</u>		

**DAILY UNIT POWER LEVEL FORM INSTRUCTIONS**

On this form, list the average daily unit power level in MWe-net for each day in the reporting month. Compute to the nearest whole megawatt.

These figures will be used to plot a graph for each reporting month. Note that by using maximum dependable capacity for the net electrical rating of the unit, there may be occasions when the daily average power level exceeds the 100% line (or the restricted power level line). In such cases, the average daily unit power output sheet should be footnoted to explain the apparent anomaly.



DOCKET NO: 50-270

UNIT: Oconee 2

DATE: 2/15/83

**NARRATIVE SUMMARY**

Month: January, 1983

Oconee Unit 2 entered the year at full power and operated at that level until January 5.

On January 5 the 2D1 header drain pump tripped on low level due to a problem with the discharge control valve. The pump was put back into service after a short period and the unit returned to 100% from the 12% reduction.

January 8 the same pump was taken out of service to allow repairs to the discharge control valve. The unit returned to 100% following this reduction and operated at that level the remainder of the month.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 2
2. Scheduled next refueling shutdown: November, 1983
3. Scheduled restart following refueling: January, 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: 818.
  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: February 15, 1983

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 2-15-83  
COMPLETED BY J. A. Reavis  
TELEPHONE 704-373-7567

## OPERATING STATUS

1. Unit Name: Oconee #3
2. Reporting Period: January 1, 1983-January 31, 1983
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>71 256.0</u>
12. Number Of Hours Reactor Was Critical	<u>708.1</u>	<u>708.1</u>	<u>48 929.3</u>
13. Reactor Reserve Shutdown Hours	<u>--</u>	<u>--</u>	<u>--</u>
14. Hours Generator On-Line	<u>704.2</u>	<u>704.2</u>	<u>47 847.4</u>
15. Unit Reserve Shutdown Hours	<u>--</u>	<u>--</u>	<u>--</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 798 427</u>	<u>1 798 427</u>	<u>115 847 488</u>
17. Gross Electrical Energy Generated (MWH)	<u>622 610</u>	<u>622 610</u>	<u>40 020 424</u>
18. Net Electrical Energy Generated (MWH)	<u>596 514</u>	<u>596 514</u>	<u>38 064 615</u>
19. Unit Service Factor	<u>94.6</u>	<u>94.6</u>	<u>67.2</u>
20. Unit Availability Factor	<u>94.6</u>	<u>94.6</u>	<u>67.2</u>
21. Unit Capacity Factor (Using MDC Net)	<u>93.2</u>	<u>93.2</u>	<u>61.9</u>
22. Unit Capacity Factor (Using DER Net)	<u>90.5</u>	<u>90.5</u>	<u>60.3</u>
23. Unit Forced Outage Rate	<u>5.4</u>	<u>5.4</u>	<u>17.1</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

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January, 1983

DOCKET NO. 50-287  
 UNIT NAME Oconee 3  
 DATE 2/15/83  
 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	83-01-14	F	39.85	A	1		CA	VALVEX	Unit shutdown to allow retorquing of several leaking control rod drive vent valves.

<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. 50-287UNIT Oconee 3DATE 2-15-83

## AVERAGE DAILY UNIT POWER LEVEL

MONTH January, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-net)
1	<u>857</u>	17	<u>846</u>
2	<u>858</u>	18	<u>852</u>
3	<u>859</u>	19	<u>853</u>
4	<u>859</u>	20	<u>855</u>
5	<u>859</u>	21	<u>858</u>
6	<u>859</u>	22	<u>858</u>
7	<u>858</u>	23	<u>858</u>
8	<u>858</u>	24	<u>858</u>
9	<u>857</u>	25	<u>850</u>
10	<u>857</u>	26	<u>859</u>
11	<u>857</u>	27	<u>858</u>
12	<u>857</u>	28	<u>859</u>
13	<u>858</u>	29	<u>859</u>
14	<u>571</u>	30	<u>860</u>
15	<u>-</u>	31	<u>859</u>
16	<u>308</u>		

## DAILY UNIT POWER LEVEL FORM INSTRUCTIONS

On this form, list the average daily unit power level in MWe-net for each day in the reporting month. Compute to the nearest whole megawatt.

These figures will be used to plot a graph for each reporting month. Note that by using maximum dependable capacity for the net electrical rating of the unit, there may be occasions when the daily average power level exceeds the 100% line (or the restricted power level line). In such cases, the average daily unit power output sheet should be footnoted to explain the apparent anomaly.

DOCKET NO: 50-287  
UNIT: Oconee 3  
DATE: 2/15/83

NARRATIVE SUMMARY

Month: January, 1983

Oconee Unit 3 entered the year operating at full power. The unit operated at this level until January 14 when the reactor was shut-down to allow retorquing of several leaking control rod drive vent valves. The unit was returned to service within two days and operated the remainder of the month at full power.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 3.
2. Scheduled next refueling shutdown: May, 1984.
3. Scheduled restart following refueling: July, 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: 172.
  8. Present licensed fuel pool capacity: 474.  
Size of requested or planned increase: \_\_\_\_\_.
  9. Projected date of last refueling which can be accommodated by present licensed capacity: \_\_\_\_\_.

DUKE POWER COMPANY

Date: February 15, 1983.

Name of Contact: J. A. Reavis

Phone: 704-373-7567



OCONEE NUCLEAR STATION

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 annual value of 15 curies; the total release for December was less than 10 percent of this limit.

The total station gaseous release for December has been compared with the derived Technical Specifications annual value of 51,000 curies; the total release for December was less than 10 percent of this limit.