

OPERATING DATA REPORT

DOCKET NO. 50-269  
 DATE 02-13-81  
 COMPLETED BY J. A. Reavis  
 TELEPHONE (704)373-8552

OPERATING STATUS

1. Unit Name: Oconee Unit 1
2. Reporting Period: January, 1981
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>66 169.0</u>
12. Number Of Hours Reactor Was Critical	<u>741.8</u>	<u>741.8</u>	<u>48 027.8</u>
13. Reactor Reserve Shutdown Hours	<u>--</u>	<u>--</u>	<u>--</u>
14. Hours Generator On-Line	<u>726.2</u>	<u>726.2</u>	<u>45 310.3</u>
15. Unit Reserve Shutdown Hours	<u>--</u>	<u>--</u>	<u>--</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 627 400</u>	<u>1 627 400</u>	<u>106 081 787</u>
17. Gross Electrical Energy Generated (MWH)	<u>578 530</u>	<u>578 530</u>	<u>36 880 360</u>
18. Net Electrical Energy Generated (MWH)	<u>549 966</u>	<u>549 966</u>	<u>34 897 975</u>
19. Unit Service Factor	<u>97.6</u>	<u>97.6</u>	<u>68.5</u>
20. Unit Availability Factor	<u>97.6</u>	<u>97.6</u>	<u>68.5</u>
21. Unit Capacity Factor (Using MDC Net)	<u>86.0</u>	<u>86.0</u>	<u>61.1</u>
22. Unit Capacity Factor (Using DER Net)	<u>83.4</u>	<u>83.4</u>	<u>59.5</u>
23. Unit Forced Outage Rate	<u>2.4</u>	<u>2.4</u>	<u>16.8</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Refueling - July 12 - 15 Weeks

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	_____	_____

**UNIT SHUTDOWNS AND POWER REDUCTIONS**

**DOCKET NO.** 50-269  
**UNIT NAME** Oconee Unit 1  
**DATE** 02-13-81  
**COMPLETED BY** J. A. Reavis  
**TELEPHONE** (704)373-8552

**REPORT MONTH** January, 1981

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	81-01-01	F	1	A	1		CB	HTEXCH	Power reduction due to tube leak in "A" steam generator. This reduction of 10-15% power remained in effect the entire month.
1	81-01-05	F	6.15	A	3		HA	GENERA	Loss of generator excitation caused unit trip.
2	81-01-18	F	11.62	A	1		SD	MOTORX	Unit shutdown to gain entry into the RX building for quench tank valve maintenance (CS-5). The motor was changed on this valve.

<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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-269  
 UNIT Oconee Unit 1  
 DATE 02-13-81  
 COMPLETED BY J. A. Reavis  
 TELEPHONE (704)373-8552

MONTH JANUARY, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	790
2	788
3	783
4	784
5	311
6	751
7	779
8	762
9	807
10	822
11	822
12	821
13	818
14	818
15	801
16	789

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	786
18	490
19	492
20	744
21	744
22	744
23	743
24	743
25	744
26	742
27	740
28	739
29	739
30	739
31	740

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.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 1
2. Scheduled next refueling shutdown: July, 1981
3. Scheduled restart following refueling: September, 1981
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.  
If no, when is review scheduled? NA

5. Scheduled date(s) for submitting proposed licensing action and supporting information: April, 1981
6. Important licensing considerations (new or different design or supplier, unreviewed design or performance analysis methods, significant changes in design or new operating procedures). None

7. Number of fuel assemblies (a) in the core: 177.  
(b) in the spent fuel pool: 342.
8. Present licensed fuel pool capacity: 1312.  
Size of requested or planned increase: None
9. Projected date of last refueling which can be accommodated by present licensed capacity: \_\_\_\_\_

DUKE POWER COMPANY

Date: February 13, 1981

Name of Contact: J. A. Reavis

DOCKET NO: 50-269  
UNIT: Oconee Unit 1  
DATE: 02-13-81

NARRATIVE SUMMARY

MONTH: JANUARY, 1981

Oconee 1 began the month of January reduced in power due to a tube leak in the "A" steam generator. A reduction of 10-15% power was maintained the complete month of January during unit operation.

On January 5, 1981 the unit tripped due to loss of generator excitation. The unit was returned to service the same day and increased in power.

The unit was removed from service on January 18, 1981 to gain entry to the reactor building to replace the valve operator motor on valve CS-5. This valve had been declared inoperable and would not allow draining of the quench tank. After replacement of the motor, the valve was tested and declared operable, and the unit returned to service. It was increased to 85% power and continued the remainder of the month.

OPERATING DATA REPORT

DOCKET NO. 50-270  
 DATE 02-13-81  
 COMPLETED BY J. A. Reavis  
 TELEPHONE (704) 373-8552

OPERATING STATUS

1. Unit Name: Oconee Unit 2
2. Reporting Period: January, 1981
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	56 089.0
12. Number Of Hours Reactor Was Critical	744.0	744.0	39 848.9
13. Reactor Reserve Shutdown Hours	--	--	--
14. Hours Generator On-Line	744.0	744.0	38 919.7
15. Unit Reserve Shutdown Hours	--	--	--
16. Gross Thermal Energy Generated (MWH)	1 890 227	1 890 227	91 986 342
17. Gross Electrical Energy Generated (MWH)	651 240	651 240	31 263 476
18. Net Electrical Energy Generated (MWH)	623 910	623 910	29 666 476
19. Unit Service Factor	100.0	100.0	69.4
20. Unit Availability Factor	100.0	100.0	69.4
21. Unit Capacity Factor (Using MDC Net)	97.5	97.5	61.2
22. Unit Capacity Factor (Using DER Net)	94.7	94.7	59.7
23. Unit Forced Outage Rate	0.0	0.0	17.6
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Reactor Coolant Pump Work - March 1 - 1 Week</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, 1981

DOCKET NO. 50-270  
 UNIT NAME Oconee Unit 2  
 DATE 02-13-81  
 COMPLETED BY J. A. Reavis  
 TELEPHONE (704) 373-8552

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	81-01-29	S	-	B	--		ZZ	ZZZZZZ	Reduction in power for periodic control rod drive and turbine valve movement tests.
2-P	81-01-31	F	-	A	--		CB	MOTORX	Power reduced to remove 2B1 RCP from service after low oil level alarm on lower bearing.

1 - Forced  
 S - Scheduled

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)

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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-270  
 UNIT Oconee Unit 2  
 DATE 02-13-81  
 COMPLETED BY J. A. Reavis  
 TELEPHONE (704)373-8552

MONTH JANUARY, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	842
2	840
3	841
4	844
5	844
6	850
7	848
8	849
9	848
10	849
11	849
12	848
13	848
14	849
15	848
16	847

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	847
18	845
19	845
20	846
21	846
22	846
23	846
24	844
25	845
26	845
27	844
28	844
29	825
30	839
31	646

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.



MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 2
2. Scheduled next refueling shutdown: October, 1981
3. Scheduled restart following refueling: December, 1981
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  
If no, when is review scheduled? NA

5. Scheduled date(s) for submitting proposed licensing action and supporting information: May, 1981
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: 342
8. Present licensed fuel pool capacity: 1312  
Size of requested or planned increase: None
9. Projected date of last refueling which can be accommodated by present licensed capacity: \_\_\_\_\_

DUKE POWER COMPANY

Date: February 13, 1981

Name of Contact: J. A. Reavis

DOCKET NO: 50-270  
UNIT: Oconee Unit 2  
DATE: 02-13-81

NARRATIVE SUMMARY

MONTH: JANUARY, 1981 -

Oconee 2 began the month of January at near rated power and remained at this level until January 29, 1981 when power was reduced for periodic testing of the control rod drive and turbine valve movement.

On January 31, 1981, the power was reduced to remove the 2B1 reactor coolant pump from service after a low oil level alarm and an increase in temperature on the pump motor lower bearing.

The month ended with the unit reducing power to shutdown for inspection of the 2B1 RCP motor lower bearing.

OPERATING DATA REPORT

DOCKET NO. 50-287  
 DATE 02-13-81  
 COMPLETED BY J. A. Reavis  
 TELEPHONE (704) 373-8552

OPERATING STATUS

1. Unit Name: Oconee Unit 3
2. Reporting Period: January, 1981
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>53 736.0</u>
12. Number Of Hours Reactor Was Critical	<u>0.0</u>	<u>0.0</u>	<u>38 403.1</u>
13. Reactor Reserve Shutdown Hours	<u>--</u>	<u>--</u>	<u>--</u>
14. Hours Generator On-Line	<u>0.0</u>	<u>0.0</u>	<u>37 479.0</u>
15. Unit Reserve Shutdown Hours	<u>--</u>	<u>--</u>	<u>--</u>
16. Gross Thermal Energy Generated (MWH)	<u>0</u>	<u>0</u>	<u>90 304 341</u>
17. Gross Electrical Energy Generated (MWH)	<u>0</u>	<u>0</u>	<u>31 231 214</u>
18. Net Electrical Energy Generated (MWH)	<u>(2 029)</u>	<u>(2 029)</u>	<u>29 712 366</u>
19. Unit Service Factor	<u>0.0</u>	<u>0.0</u>	<u>69.8</u>
20. Unit Availability Factor	<u>0.0</u>	<u>0.0</u>	<u>69.8</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0.0</u>	<u>0.0</u>	<u>64.0</u>
22. Unit Capacity Factor (Using DER Net)	<u>0.0</u>	<u>0.0</u>	<u>62.4</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.0</u>	<u>16.9</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Presently Refueling</u>			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: February 26, 1981

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, 1981

DOCKET NO. 50-287  
 UNIT NAME Oconee Unit 3  
 DATE 02-13-81  
 COMPLETED BY J. A. Reavis  
 TELEPHONE (704) 373-8552

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	Component Codes	Cause & Corrective Action to Prevent Recurrence
1	81-01-01	S	744.00	C	1		RC	FUELXX	Scheduled refueling and planned maintenance continues.

- <sup>1</sup>  
 1 - 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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 3
2. Scheduled next refueling shutdown: December, 1980
3. Scheduled restart following refueling: February, 1981
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  
If no, when is review scheduled? NA

5. Scheduled date(s) for submitting proposed licensing action and supporting information: August, 1981
6. Important licensing considerations (new or different design or supplier, unreviewed design or performance analysis methods, significant changes in design or new operating procedures). None

7. Number of fuel assemblies (a) in the core: 177  
(b) in the spent fuel pool: 463
8. Present licensed fuel pool capacity: 474  
Size of requested or planned increase: None
9. Projected date of last refueling which can be accommodated by present licensed capacity: \_\_\_\_\_

DUKE POWER COMPANY

Date: February 13, 1981

Name of Contact: J. A. Reavis

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-287  
 UNIT Oconee Unit 3  
 DATE 02-13-81  
 COMPLETED BY J. A. Reavis  
 TELEPHONE (704)373-8552

MONTH JANUARY, 1981

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.

DOCKET NO: 50-287  
UNIT: Oconee Unit 3  
DATE: 02-13-81

NARRATIVE SUMMARY

MONTH: JANUARY, 1981 -

Oconee 3 was in a scheduled refueling outage the entire month of January.

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.