

# OPERATING DATA REPORT

DOCKET NO. 50-269  
 DATE 7-15-81  
 COMPLETED BY J. A. Reavis  
 TELEPHONE 704-373-8552

## OPERATING STATUS

1. Unit Name: Oconee Unit 1
2. Reporting Period: June, 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	720.0	4,343.0	69,768.0
12. Number Of Hours Reactor Was Critical	623.8	3,689.2	50,975.2
13. Reactor Reserve Shutdown Hours	--	--	--
14. Hours Generator On-Line	622.1	3,658.7	48,272.5
15. Unit Reserve Shutdown Hours	--	--	--
16. Gross Thermal Energy Generated (MWH)	1,552,946	8,990,912	113,445,299
17. Gross Electrical Energy Generated (MWH)	542,070	3,174,500	39,476,330
18. Net Electrical Energy Generated (MWH)	515,164	3,023,113	37,371,122
19. Unit Service Factor	86.4	84.2	69.2
20. Unit Availability Factor	86.4	84.2	69.2
21. Unit Capacity Factor (Using MDC Net)	83.2	80.9	62.1
22. Unit Capacity Factor (Using DER Net)	80.8	78.6	60.5
23. Unit Forced Outage Rate	0.0	13.8	16.8
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Currently Refueling</u>			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: September 11, 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 June, 1981

DOCKET NO. 50-269  
 UNIT NAME Oconee Unit 1  
 DATE 7-15-81  
 COMPLETED BY J. A. Reavis  
 TELEPHONE (704) 373-8552

No.	Date	Type	Duration (Hours)	Reason	Method of Shutting Down Reactor	Licensee Event Report #	System Code	Component Code	Cause & Corrective Action to Prevent Recurrence
3-p	81-06-20	F	--	A	--		CH	HTEXCH	Isolated 1B1 feedwater heater due to tube leak.
4-p	81-06-20	S	--	H	--		RC	FUELXX	Reduced to 90% power to extend core life.
5	81-06-26	S	97.90	C	1		RC	FUELXX	Scheduled refueling and inspection (10 year).

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. 50-269

UNIT Oconee Unit 1

DATE 7-15-81

COMPLETED BY J. A. Reavis

TELEPHONE (704)373-8552

MONTH June, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>863</u>
2	<u>864</u>
3	<u>863</u>
4	<u>860</u>
5	<u>861</u>
6	<u>860</u>
7	<u>859</u>
8	<u>860</u>
9	<u>862</u>
10	<u>861</u>
11	<u>860</u>
12	<u>859</u>
13	<u>842</u>
14	<u>826</u>
15	<u>855</u>
16	<u>858</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>859</u>
18	<u>859</u>
19	<u>856</u>
20	<u>765</u>
21	<u>769</u>
22	<u>770</u>
23	<u>770</u>
24	<u>770</u>
25	<u>769</u>
26	<u>632</u>
27	<u>--</u>
28	<u>--</u>
29	<u>--</u>
30	<u>--</u>
31	<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.

## MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 1
2. Scheduled next refueling shutdown: June, 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: July 15, 1981

Name of Contact: J. A. Reavis

\*Represents total for the combined Unit 1 & 2 Spent Fuel Pool

DOCKET NO: 50-269

UNIT: Oconee Unit 1

DATE: 7-15-81

#### NARRATIVE SUMMARY

MONTH: June, 1981

Oconee 1 began the month of June at near rated power. On June 20 the power was reduced to 90% to isolate the 1B1 feedwater heater due to tube leaks. The power remained at this level for economic reasons until the unit was removed from service on June 26 for a scheduled refueling outage which continued the remainder of the month.

# OPERATING DATA REPORT

DOCKET NO. 50-270  
 DATE 7-15-81  
 COMPLETED BY J. A. Reavis  
 TELEPHONE 704-373-8552

## OPERATING STATUS

1. Unit Name: Oconee Unit 2
2. Reporting Period: June, 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>720.0</u>	<u>4,343.0</u>	<u>59,688.0</u>
12. Number Of Hours Reactor Was Critical	<u>720.0</u>	<u>4,041.7</u>	<u>43,146.6</u>
13. Reactor Reserve Shutdown Hours	<u>--</u>	<u>--</u>	<u>--</u>
14. Hours Generator On-Line	<u>720.0</u>	<u>4,003.5</u>	<u>42,179.2</u>
15. Unit Reserve Shutdown Hours	<u>--</u>	<u>--</u>	<u>--</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,843,429</u>	<u>9,512,153</u>	<u>99,608,268</u>
17. Gross Electrical Energy Generated (MWH)	<u>633,390</u>	<u>3,288,520</u>	<u>33,900,756</u>
18. Net Electrical Energy Generated (MWH)	<u>606,518</u>	<u>3,144,215</u>	<u>32,186,781</u>
19. Unit Service Factor	<u>100.0</u>	<u>92.2</u>	<u>70.7</u>
20. Unit Availability Factor	<u>100.0</u>	<u>92.2</u>	<u>70.7</u>
21. Unit Capacity Factor (Using MDC Net)	<u>98.0</u>	<u>84.2</u>	<u>62.4</u>
22. Unit Capacity Factor (Using DER Net)	<u>95.1</u>	<u>81.7</u>	<u>60.9</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.9</u>	<u>16.6</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Refueling - September 27 - 12 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 Unit 2

DATE 7-15-81

COMPLETED BY J. A. Reavis

TELEPHONE (704) 273-8552

MONTH June, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>851</u>
2	<u>853</u>
3	<u>841</u>
4	<u>851</u>
5	<u>850</u>
6	<u>852</u>
7	<u>814</u>
8	<u>845</u>
9	<u>844</u>
10	<u>845</u>
11	<u>844</u>
12	<u>845</u>
13	<u>845</u>
14	<u>845</u>
15	<u>845</u>
16	<u>844</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>844</u>
18	<u>844</u>
19	<u>845</u>
20	<u>845</u>
21	<u>844</u>
22	<u>845</u>
23	<u>844</u>
24	<u>844</u>
25	<u>843</u>
26	<u>843</u>
27	<u>825</u>
28	<u>837</u>
29	<u>838</u>
30	<u>820</u>
31	<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.



## MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 2
2. Scheduled next refueling shutdown: September, 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: July 15, 1981

Name of Contact: J. A. Reavis

\*Represents total for the combined Unit 1 & 2 Spent Fuel Pool.

DOCKET NO: 50-270  
UNIT: Oconee Unit 2  
DATE: 7-15-81

NARRATIVE SUMMARY

MONTH: June, 1981

Oconee 2 operated the month of June with no reportable occurrence. Some reserve reductions in power were made on weekend's, because of low system demand.

# OPERATING DATA REPORT

DOCKET NO. 50-287  
DATE 7-15-81  
COMPLETED BY J. A. Reavis  
TELEPHONE 704-373-8552

## OPERATING STATUS

1. Unit Name: Oconee Unit 3
2. Reporting Period: June, 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>720.0</u>	<u>4,343.0</u>	<u>57,335.0</u>
12. Number Of Hours Reactor Was Critical	<u>720.0</u>	<u>2,524.1</u>	<u>40,927.2</u>
13. Reactor Reserve Shutdown Hours	<u>--</u>	<u>--</u>	<u>--</u>
14. Hours Generator On-Line	<u>720.0</u>	<u>2,466.3</u>	<u>39,945.2</u>
15. Unit Reserve Shutdown Hours	<u>--</u>	<u>--</u>	<u>--</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,841,513</u>	<u>6,114,209</u>	<u>96,418,550</u>
17. Gross Electrical Energy Generated (MWH)	<u>636,060</u>	<u>2,115,190</u>	<u>33,346,404</u>
18. Net Electrical Energy Generated (MWH)	<u>607,846</u>	<u>2,007,045</u>	<u>31,721,440</u>
19. Unit Service Factor	<u>100.0</u>	<u>56.8</u>	<u>69.7</u>
20. Unit Availability Factor	<u>100.0</u>	<u>56.8</u>	<u>69.7</u>
21. Unit Capacity Factor (Using MDC Net)	<u>98.2</u>	<u>53.7</u>	<u>64.1</u>
22. Unit Capacity Factor (Using DER Net)	<u>95.3</u>	<u>52.2</u>	<u>62.5</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>5.0</u>	<u>16.3</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 June, 1981

DOCKET NO. 50-287  
 UNIT NAME Oconee Unit 3  
 DATE 7-15-81  
 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
7-p	81-06-27	F	--	A	--		HA	TURBIN	After normal turbine valve movement test (PT/0/A/290/04) power was held at 87% to investigate problem on No. 5 reheat stop valve: Valve would not close during test.

1  
 F - Forced  
 S - Scheduled

2  
 Reason  
 A Equipment Failure (Explain)  
 B Maintenance or Test  
 C Retesting  
 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

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-287  
 UNIT Oconee Unit 3  
 DATE 7-15-81  
 COMPLETED BY J. A. Reavis  
 TELEPHONE (704)373-8552

MONTH June, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	850	17	846
2	849	18	850
3	850	19	847
4	849	20	846
5	851	21	845
6	850	22	846
7	847	23	846
8	849	24	846
9	848	25	845
10	847	26	845
11	848	27	838
12	849	28	765
13	849	29	844
14	849	30	838
15	848	31	
16	847		

## INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Round to the nearest whole megawatt.

## MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 3
2. Scheduled next refueling shutdown: June, 1982
3. Scheduled restart following refueling: August, 1982
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: June, 1982
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: 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: July 15, 1981

Name of Contact: J. A. Reavis

DOCKET NO: 50-287

UNIT: Oconee Unit 3

DATE: 7-15-81

#### NARRATIVE SUMMARY

MONTH: June, 1981

During June Oconee 3 operated at near rated power until June 27 when the power was reduced to 87% for a turbine valve movement test. A hold in power was necessary at this point to investigate the reason for the No. 5 reheat stop valve not closing during the test. The unit returned to near rated power on June 28 and continued the remainder of the month.

OCONEE NUCLEAR STATION

Operating Status Report

1. Personnel Exposure

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

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

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