

OPERATING DATA REPORT

DOCKET NO. 50-269
 DATE 6-15-81
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-8552

OPERATING STATUS

1. Unit Name: Oconee Unit 1
2. Reporting Period: May, 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	3,623.0	69,048.0
12. Number Of Hours Reactor Was Critical	744.0	3,065.4	50,351.4
13. Reactor Reserve Shutdown Hours	--	--	--
14. Hours Generator On-Line	744.0	3,036.6	47,620.7
15. Unit Reserve Shutdown Hours	--	--	--
16. Gross Thermal Energy Generated (MWH)	1,912,203	7,437,966	111,892,353
17. Gross Electrical Energy Generated (MWH)	671,760	2,632,430	38,934,260
18. Net Electrical Energy Generated (MWH)	642,610	2,507,949	36,855,958
19. Unit Service Factor	100.0	83.8	69.0
20. Unit Availability Factor	100.0	83.8	69.0
21. Unit Capacity Factor (Using MDC Net)	100.4	80.5	61.9
22. Unit Capacity Factor (Using DER Net)	97.5	78.1	60.3
23. Unit Forced Outage Rate	0.0	16.2	16.9
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Refueling - June 28, - 11 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

8204150338 810615
 PDR ADOCK 05000269
 R PDR

(1/77)

50-269

DOCKET NO.
UNIT NAME
DATE
COMPLETED BY
TELEPHONE

May, 1981

[illegible]

1. *Lowest*
2. *Subsidiary*

Reason
A. Equipment
B. Maintenance
C. Retiree
D. Repairs
E. Operation
F. Administration
G. Operations
H. Other

Reason

A Equipment Failure (E-splam)

B Maintenance or Test

C Recycling

D Regulatory Restriction

E Operator Training & License

F Administrative

G Operational Error (E-splam)

H Other (E-splam)

- Reason**
- A** Equipment Failure (F-splam)
- B** Maintenance or Test
- C** Refueling
- D** Regulatory Restriction
- E** Operator Training & License Examination
- F** Administrative
- G** Operational Error (F-splam)
- H** Other (F-splam)

1. Manual
2. Manual Serum
3. Automatic Serum
4. Other (Explain)

Exhibit C - Instructions
for Preparation of Data
Entry Sheets for Licensee
Event Report (LER) File
0161)

Exhibit 1: Same Source

(11/10.3)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-269
 UNIT Oconee Unit 1
 DATE 6-15-81
 COMPLETED BY J. A. Reavis
 TELEPHONE (704)373-8552

MONTH May, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>867</u>
2	<u>865</u>
3	<u>861</u>
4	<u>846</u>
5	<u>863</u>
6	<u>868</u>
7	<u>867</u>
8	<u>860</u>
9	<u>860</u>
10	<u>864</u>
11	<u>866</u>
12	<u>866</u>
13	<u>866</u>
14	<u>865</u>
15	<u>865</u>
16	<u>866</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>866</u>
18	<u>865</u>
19	<u>864</u>
20	<u>859</u>
21	<u>857</u>
22	<u>865</u>
23	<u>866</u>
24	<u>865</u>
25	<u>864</u>
26	<u>866</u>
27	<u>866</u>
28	<u>865</u>
29	<u>865</u>
30	<u>864</u>
31	<u>864</u>

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.

DOCKET NO: 50-269

UNIT: Oconee Unit 1

DATE: 6-15-81

NARRATIVE SUMMARY

MONTH: May, 1981

Oconee 1 operated the complete month of May with no major problems.

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
5. 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
6. Scheduled date(s) for submitting proposed licensing action and supporting information: April, 1981
7. Important licensing considerations (new or different design or supplier, unreviewed design or performance analysis methods, significant changes in design or new operating procedures). None
8. Number of fuel assemblies (a) in the core: 177.
(b) in the spent fuel pool: 342*
9. Present licensed fuel pool capacity: 1312*.
Size of requested or planned increase: None
10. Projected date of last refueling which can be accommodated by present licensed capacity: _____

DUKE POWER COMPANY

Date: June 15, 1981

Name of Contact: J. A. Reavis

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

OPERATING DATA REPORT

DOCKET NO. 50-270
 DATE 6-15-81
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-8552

OPERATING STATUS

1. Unit Name: Oconee Unit 2
2. Reporting Period: May, 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>3,623.0</u>	<u>58,968.0</u>
12. Number Of Hours Reactor Was Critical	<u>744.0</u>	<u>3,321.7</u>	<u>42,426.6</u>
13. Reactor Reserve Shutdown Hours	<u>--</u>	<u>--</u>	<u>--</u>
14. Hours Generator On-Line	<u>744.0</u>	<u>3,283.5</u>	<u>41,459.2</u>
15. Unit Reserve Shutdown Hours	<u>--</u>	<u>--</u>	<u>--</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,902,778</u>	<u>7,668,724</u>	<u>97,764,839</u>
17. Gross Electrical Energy Generated (MWH)	<u>660,390</u>	<u>2,655,130</u>	<u>33,267,366</u>
18. Net Electrical Energy Generated (MWH)	<u>632,537</u>	<u>2,537,697</u>	<u>31,580,263</u>
19. Unit Service Factor	<u>100.0</u>	<u>90.6</u>	<u>70.3</u>
20. Unit Availability Factor	<u>100.0</u>	<u>90.6</u>	<u>70.3</u>
21. Unit Capacity Factor (Using MDC Net)	<u>98.9</u>	<u>81.5</u>	<u>62.0</u>
22. Unit Capacity Factor (Using DER Net)	<u>96.0</u>	<u>79.1</u>	<u>60.5</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>1.2</u>	<u>16.8</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 6-15-81
 COMPLETED BY J. A. Reavis
 TELEPHONE (704)373-8552

MONTH May, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	847
2	819
3	857
4	856
5	857
6	856
7	855
8	854
9	855
10	854
11	854
12	853
13	852
14	854
15	854
16	854

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	853
18	853
19	852
20	853
21	855
22	853
23	853
24	846
25	852
26	852
27	852
28	851
29	846
30	811
31	842

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: 50-270

UNIT: Oconee Unit 2

DATE: 6-15-81

NARRATIVE SUMMARY

MONTH: May, 1981

Oconee 2 operated the complete month with no outages or forced reductions in power. Some power reductions were made due to system load demand being low on weekends.

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
5. 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
6. Scheduled date(s) for submitting proposed licensing action and supporting information: May, 1981
7. Important licensing considerations (new or different design or supplier, unreviewed design or performance analysis methods, significant changes in design or new operating procedures).
8. Number of fuel assemblies (a) in the core: 177.
(b) in the spent fuel pool: 342*
9. Present licensed fuel pool capacity: 1312*.
Size of requested or planned increase: None
10. Projected date of last refueling which can be accommodated by present licensed capacity:

DUKE POWER COMPANY

Date: June 15, 1981

Name of Contact: J. A. Reavis

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

OPERATING DATA REPORT

DOCKET NO. 50-287
 DATE 6-15-81
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-8552

OPERATING STATUS

Notes

Year-to-date and cumulative capacity factors are calculated using a weighted average for maximum dependable capacity.

1. Unit Name: Oconee Unit 3
2. Reporting Period: May, 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

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>3,623.0</u>	<u>56,615.0</u>
12. Number Of Hours Reactor Was Critical	<u>648.8</u>	<u>1,804.1</u>	<u>40,207.2</u>
13. Reactor Reserve Shutdown Hours	<u>--</u>	<u>--</u>	<u>--</u>
14. Hours Generator On-Line	<u>642.1</u>	<u>1,746.3</u>	<u>39,225.2</u>
15. Unit Reserve Shutdown Hours	<u>--</u>	<u>--</u>	<u>--</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,607,059</u>	<u>4,272,696</u>	<u>94,577,037</u>
17. Gross Electrical Energy Generated (MWH)	<u>555,880</u>	<u>1,479,130</u>	<u>32,710,344</u>
18. Net Electrical Energy Generated (MWH)	<u>528,202</u>	<u>1,399,199</u>	<u>31,113,594</u>
19. Unit Service Factor	<u>86.3</u>	<u>48.2</u>	<u>69.3</u>
20. Unit Availability Factor	<u>86.3</u>	<u>48.2</u>	<u>69.3</u>
21. Unit Capacity Factor (Using MDC Net)	<u>82.6</u>	<u>44.9</u>	<u>63.7</u>
22. Unit Capacity Factor (Using DER Net)	<u>80.1</u>	<u>43.6</u>	<u>62.0</u>
23. Unit Forced Outage Rate	<u>13.7</u>	<u>6.9</u>	<u>16.5</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 May, 1981

DOCKET NO. 50-287
 UNIT NAME Oconee Unit 3
 DATE 6-15-81
 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
6-p	81-05-07	F	-	A	-		PC	VALVEX	Component drain header isolation valve (3 CS-6) failed open.
4	81-05-07	F	61.35	A	1		PC	VALVEX	Unit taken off line to repair component drain header isolation valve 3 CS-6.
5	81-05-20	F	40.58	A	1		PC	VALVEX	Component drain header isolation valve 3 CS-6 was declared inoperable due to high header pressure resulting from an inoperable relief valve.

1 - Forced
 S - Scheduled

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)

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 6-15-81
 COMPLETED BY J. A. Reavis
 TELEPHONE (704)373-8552

MONTH May, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	854
2	855
3	855
4	856
5	855
6	853
7	426
8	--
9	--
10	417
11	841
12	848
13	849
14	849
15	850
16	850

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	850
18	851
19	818
20	5
21	34
22	815
23	848
24	850
25	849
26	848
27	851
28	851
29	851
30	851
31	851

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: 6-15-81

NARRATIVE SUMMARY

MONTH: May, 1981

Oconee 3 began the month of May at full power operation. Power was reduced on May 7 when valve 3 CS-6 (component drain header reactor building penetration outer isolation valve) was found to be in the intermediate position. The unit was removed from service on May 7 for the repair of valve 3 CS-6. Necessary repairs were completed and the unit was returned to service on May 10 at 0327 and reached full power on May 11 at 0430. On May 20 the unit was removed from service when valve 3 CS-6 was declared inoperable due to high component drain header pressure forcing the valve open. Investigation revealed an inoperable relief valve to be the cause of the problem. Repair was completed and the unit returned to service on May 21 and reached full power on May 22. Full power operation continued the remainder of the month.

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: June 15, 1981

Name of Contact: J. A. Reavis

OCONEE NUCLEAR STATION

Operating Status Report

1. Personnel Exposure

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

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

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