

OPERATING DATA REPORT

DOCKET NO. 50-269
 DATE 4-15-81
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-8552

OPERATING STATUS

1. Unit Name: Oconee Unit 1
2. Reporting Period: March, 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	2,160.0	67,585.0
12. Number Of Hours Reactor Was Critical	681.0	1,602.4	48,888.4
13. Reactor Reserve Shutdown Hours	--	--	--
14. Hours Generator On-Line	676.5	1,573.6	46,157.7
15. Unit Reserve Shutdown Hours	--	--	--
16. Gross Thermal Energy Generated (MWH)	1,704,198	3,691,197	108,145,584
17. Gross Electrical Energy Generated (MWH)	604,350	1,310,630	37,612,460
18. Net Electrical Energy Generated (MWH)	576,525	1,243,470	35,591,479
19. Unit Service Factor	90.9	72.9	68.3
20. Unit Availability Factor	90.9	72.9	68.3
21. Unit Capacity Factor (Using MDC Net)	90.1	66.9	61.0
22. Unit Capacity Factor (Using DER Net)	87.5	65.0	59.4
23. Unit Forced Outage Rate	9.1	27.2	17.4

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

Forecast	Achieved
_____	_____
_____	_____
_____	_____

8204150315 810415
 PDR ADDCK 05000269
 R PDR

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March, 1981

DOCKET NO. 50-269
 UNIT NAME Oconee Unit 1
 DATE 4-15-81
 COMPLETED BY J. A. Reavis
 TELEPHONE (704) 373-8552

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
4a	81-03-01	F	67.49	A	--		SF	VALVEX	Completion of repair to valve (CF-12) core flood check valve.

1 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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-269
UNIT Oconee Unit 1
DATE 4-15-81
COMPLETED BY J. A. Reavis
TELEPHONE (704)373-8552

MONTH March, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>--</u>
2	<u>--</u>
3	<u>19</u>
4	<u>708</u>
5	<u>861</u>
6	<u>860</u>
7	<u>866</u>
8	<u>872</u>
9	<u>863</u>
10	<u>863</u>
11	<u>867</u>
12	<u>873</u>
13	<u>869</u>
14	<u>860</u>
15	<u>859</u>
16	<u>862</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>867</u>
18	<u>871</u>
19	<u>869</u>
20	<u>864</u>
21	<u>863</u>
22	<u>862</u>
23	<u>866</u>
24	<u>862</u>
25	<u>861</u>
26	<u>858</u>
27	<u>860</u>
28	<u>864</u>
29	<u>864</u>
30	<u>863</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. 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
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: April 15, 1981

Name of Contact: J. A. Reavis

DOCKTE NO: 50-269
UNIT: Oconee Unit 1
DATE: 4-15-81

NARRATIVE SUMMARY

MONTH: March, 1981

Oconee 1 began the month of March at cold shutdown for repair of valve CF-12 (core flood check valve) which failed the flow test during heatup. After completing repair, the startup began and the unit was placed in service on March 3, 1981 at 1929 hrs. It was increased in power and reached full power March 4, 1981 at 2330 hrs. Near rated power was continued the remainder of the month.

OPERATING DATA REPORT

DOCKET NO. 50-270
 DATE 4-15-81
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-8552

OPERATING STATUS

1. Unit Name: Oconee Unit 2
2. Reporting Period: March, 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>2,160.0</u>	<u>57,505.0</u>
12. Number Of Hours Reactor Was Critical	<u>448.5</u>	<u>1,860.4</u>	<u>40,965.2</u>
13. Reactor Reserve Shutdown Hours	<u>--</u>	<u>--</u>	<u>--</u>
14. Hours Generator On-Line	<u>441.9</u>	<u>1,826.1</u>	<u>40,001.8</u>
15. Unit Reserve Shutdown Hours	<u>--</u>	<u>--</u>	<u>--</u>
16. Gross Thermal Energy Generated (MWH)	<u>885,863</u>	<u>3,950,440</u>	<u>94,046,555</u>
17. Gross Electrical Energy Generated (MWH)	<u>304,930</u>	<u>1,363,450</u>	<u>31,975,686</u>
18. Net Electrical Energy Generated (MWH)	<u>287,719</u>	<u>1,300,694</u>	<u>30,343,260</u>
19. Unit Service Factor	<u>59.4</u>	<u>84.5</u>	<u>69.6</u>
20. Unit Availability Factor	<u>59.4</u>	<u>84.5</u>	<u>69.6</u>
21. Unit Capacity Factor (Using MDC Net)	<u>45.0</u>	<u>70.0</u>	<u>61.1</u>
22. Unit Capacity Factor (Using DER Net)	<u>43.7</u>	<u>68.0</u>	<u>59.6</u>
23. Unit Forced Outage Rate	<u>0.2</u>	<u>1.8</u>	<u>17.3</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):

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March, 1981

DOCKET NO. 50-270
 UNIT NAME Oconee Unit 2
 DATE 4-15-81
 COMPLETED BY J. A. Reavis
 TELEPHONE (704) 373-8552

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Codes ⁵	Cause & Corrective Action to Prevent Recurrence
5-p	81-03-01	F	-	A	--		CB	MOTORX	Power reduced due to 2B1 RCP being out of service.
6-p	81-03-07	F	-	D	--		SF	MOTORX	Reduction due to tech. spec. limitation of 60 hrs. with an EFWP unavailable. Motor was changed out on 2B MDEFWP.
3	81-03-14	S	301.43	A	1		CB	MOTORX	Outage for maintenance on 2B1 RCP lower motor bearing. Also repaired leak on EMV-2 (electrical penetration for power supply to 2A1 RCP).
7-p	81-03-27	F	-	A	--		HA	INSTRU	Holding power at 28% due to turbine control problem.
4	81-03-27	F	0.72	A	*1		HA	INSTRU	Unit off to change solenoid on the #1 turbine control value.

*Note - reactor remained at 15% power.

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 (NURLG-
 0161)

5 Exhibit I - Same Source

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-270
 UNIT Oconee Unit 2
 DATE 4-15-81
 COMPLETED BY J. A. Reavis
 TELEPHONE (704)373-8552

MONTH March, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	627
2	625
3	623
4	627
5	635
6	633
7	554
8	632
9	632
10	630
11	630
12	629
13	630
14	330
15	--
16	--

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	--
18	--
19	--
20	--
21	--
22	--
23	--
24	--
25	--
26	--
27	353
28	830
29	832
30	832
31	843

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.

1

- 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.

Date: April 15, 1981

Name of Contact: J. A. Reavis

DOCKTE NO: 50-270
UNIT: Oconee Unit 2
DATE: 4-15-81

NARRATIVE SUMMARY

MONTH: March, 1981

Oconee 2 began March at 73% power due to the 2B1 reactor coolant pump being out of service.

On March 4, at 1354, the 2B motor driven emergency feedwater pump was declared inoperable. The motor was changed out, but before completion of the work, the 60 hr. time limit for operation without the pump elapsed. At 0145 on March 7, a reactor shutdown began at 10% per hr. This was stopped at 0558 when the 2B MDEFWP was declared operable. Power was increased and returned to 74% at 1212 March 7.

The unit was shut down on March 14 to repair the 2B1 RCP motor bearing problem. During this outage, the EMV-2 (electrical penetration for power supply to 2A1 RCP) leak was repaired. Maintenance was completed and the unit returned to service on March 27 at 0335. Power was held at 28% to investigate a turbine control problem.

At 0815 on March 27, the generator was removed from service to replace a bad solenoid on the #1 turbine control valve. The reactor remained critical during this period. At 0858, the generator was returned to service and increased in power. Near rated power was reached on March 28 at 1413 and continued the remainder of the month.

OPERATING DATA REPORT

DOCKET NO. 50-287
DATE 4-15-81
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: March, 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	744.0	2,160.0	55,152.0
12. Number Of Hours Reactor Was Critical	448.4	448.4	38,851.5
13. Reactor Reserve Shutdown Hours	--	--	--
14. Hours Generator On-Line	413.3	413.3	37,892.3
15. Unit Reserve Shutdown Hours	--	--	--
16. Gross Thermal Energy Generated (MWH)	923,215	923,215	91,227,556
17. Gross Electrical Energy Generated (MWH)	318,080	318,080	31,549,294
18. Net Electrical Energy Generated (MWH)	297,253	292,849	30,007,244
19. Unit Service Factor	55.6	19.1	68.7
20. Unit Availability Factor	55.6	19.1	68.7
21. Unit Capacity Factor (Using MDC Net)	46.5	15.8	63.0
22. Unit Capacity Factor (Using DER Net)	45.1	15.3	61.4
23. Unit Forced Outage Rate	0.0	0.0	16.8

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):

Forecast

Achieved

INITIAL CRITICALITY

INITIAL ELECTRICITY

COMMERCIAL OPERATION

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March, 1981

DOCKET NO. 50-287
 UNIT NAME Oconee Unit 3
 DATE 4-15-81
 COMPLETED BY J. A. Reavis
 TELEPHONE (704) 373-8552

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
1-b	81-03-01	S	330.72	C	--		RC	FUELXX	Refueling/maintenance/ZPPT completed.
1-p	81-03-15	S	--	B	--		ZZ	ZZZZZZ	Power escalation testing at 40%.
2-p	81-03-17	S	--	B	--		ZZ	ZZZZZZ	Power escalation testing at 75%.
3-p	81-03-19	F	--	A	--		CH	PUMPXX	Holding at 90% power for completion of maintenance to 3 "A" CBP.
4-p	81-03-20	F	--	B	--		HH	PUMPXX	Holding at 92% power to get E-1 and E-2 heater drain pumps in service.

1
 I 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 (IFR) File (NUREG-
 0161)

5 Exhibit I - Same Source

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-287
 UNIT Oconee Unit 3
 DATE 4-1 5-81
 COMPLETED BY J. A. Reavis
 TELEPHONE (704) 373-8552

MONTH March, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	---
2	---
3	---
4	---
5	---
6	---
7	---
8	---
9	---
10	---
11	---
12	---
13	14
14	
15	297
16	299

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	522
18	632
19	703
20	767
21	809
22	852
23	854
24	856
25	857
26	855
27	855
28	858
29	857
30	855
31	854

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 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: April 15, 1981

Name of Contact: J. A. Reavis

DOCKTE NO: 50-287
UNIT: Oconee Unit 3
DATE: 4-15-81

NARRATIVE SUMMARY

MONTH: March, 1981

Oconee 3 began the month of March in the completion stages of a scheduled refueling outage. Zero power physics testing was completed on March 13, and startup began. The unit was placed in service at 1840 on March 14. Holds for power escalation testing were at 40% and 75%. Holds at 90% and 92% were necessary for maintenance items. Near rated power was reached at 1704 on March 21 and continued the remainder of the month.

OCONEE NUCLEAR STATION

Operating Status Report

1. Personnel Exposure

For the month of February, 1 individual(s) exceeded 10 percent of their allowable annual radiation dose limit with the highest dose being 1.540 rem, which represents approximately 12.8% of that person's allowable annual limit.

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

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