OPERATING DATA REPORT

DOCKET NO. 50-269
DATE 9-15-81
COMPLETED BY J. A. Reavis
TELEPHONE 704-373-8552

OPERATING STATUS

1. Unit Name: Oconee Unit 1
2. Reporting Period: August, 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 cummulative 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	5,831.0	71,256.0
12. Number Of Hours Reactor Was Critical	0.0	3,689.2	50,975.2
13. Reactor Reserve Shutdown Hours	--	--	--
14. Hours Generator On-Line	0.0	3,658.7	48,242.8
15. Unit Reserve Shutdown Hours	--	--	--
16. Gross Thermal Energy Generated (MWH)	0	8,990,912	113,445,299
17. Gross Electrical Energy Generated (MWH)	0	3,174,500	39,476,330
18. Net Electrical Energy Generated (MWH)	-2,338	3,017,356	37,365,365
19. Unit Service Factor	0.0	62.8	67.7
20. Unit Availability Factor	0.0	62.8	67.8
21. Unit Capacity Factor (Using MDC Net)	0.0	60.2	60.8
22. Unit Capacity Factor (Using DER Net)	0.0	58.4	59.2
23. Unit Forced Outage Rate	0.0	13.8	6.6

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
    Currently Refueling

25. If Shut Down At End Of Report Period, Estimated Date of Startup: December 6, 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 August, 1981

DOCKET NO. 50-269
UNIT NAME Oconee Unit 1
DATE 9-15-81
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
5	81-08-01	S F	744.00	C	--		RC	FUELXX	Scheduled refueling and inspection (10 year) continues. NRC required modifications in progress.

1
F 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

(9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-269
UNIT Oconee Unit 1
DATE 9-15-81
COMPLETED BY J. A. Reavis
TELEPHONE (704)373-8552

MONTH August, 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: 50-269
UNIT: Oconee Unit 1
DATE: 9-15-81

NARRATIVE SUMMARY

MONTH: August, 1981

NRC modifications/refueling maintenance/ten year inspection/continue.
Reactor core support assembly repair is in progress.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 1.

2. Scheduled next refueling shutdown: June, 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: 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: 0.
   (b) in the spent fuel pool: 542*.

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: September 15, 1981.

Name of Contact: J. A. Reavis.

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

OPERATING DATA REPORT

DOCKET NO. 50-270
DATE 9-15-81
COMPLETED BY J. A. Reavis
TELEPHONE 704-373-8552

OPERATING STATUS

1. Unit Name: Oconee Unit 2
2. Reporting Period: August, 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 cummulative 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	5,831.0	61,176.0
12. Number Of Hours Reactor Was Critical	744.0	5,529.7	44,634.6
13. Reactor Reserve Shutdown Hours	--	--	--
14. Hours Generator On-Line	744.0	5,491.5	43,667.2
15. Unit Reserve Shutdown Hours	--	--	--
16. Gross Thermal Energy Generated (MWH)	1,897,218	13,310,490	103,406,605
17. Gross Electrical Energy Generated (MWH)	648,100	4,588,420	35,200,656
18. Net Electrical Energy Generated (MWH)	619,432	4,386,646	33,429,212
19. Unit Service Factor	100.0	94.2	71.4
20. Unit Availability Factor	100.0	94.2	71.4
21. Unit Capacity Factor (Using MDC Net)	96.8	87.5	63.3
22. Unit Capacity Factor (Using DER Net)	94.0	84.9	61.7
23. Unit Forced Outage Rate	0.0	0.7	16.1

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		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-270
UNIT NAME Oconee Unit 2
DATE 9-15-81
COMPLETED BY J. A. Reavis
TELEPHONE 704=373-8552

REPORT MONTH August, 1981

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
9-p	81-08-21	F	--	A	--		SC	PENETR	2A1 reactor coolant pump (RCP) was removed from service to check containment electrical penetration EMV-2 for leakage.

1
F 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

(9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-270
UNIT Oconee Unit 2
DATE 9-15-81
COMPLETED BY J. A. Reavis
TELEPHONE (704)373-8552

MONTH August, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	840	17	837
2	840	18	838
3	837	19	838
4	837	20	836
5	836	21	700
6	837	22	832
7	836	23	838
8	831	24	837
9	837	25	837
10	838	26	832
11	838	27	837
12	838	28	837
13	838	29	838
14	838	30	837
15	838	31	835
16	839		

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: 9-15-81

NARRATIVE SUMMARY

MONTH: August, 1981

Oconee 2 had no outage during August.

A power reduction was necessary on August 21 to investigate gas leakage on EMV-2 (reactor containment electrical penetration for 2A1 reactor coolant pump). The pump was off during the investigation.

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? Techncial 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: 542*.

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: September 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 9-15-81
COMPLETED BY J. A. Reavis
TELEPHONE 704-373-8552

OPERATING STATUS

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

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

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	5,831.0	58,823.0
12. Number Of Hours Reactor Was Critical	741.2	4,009.4	42,413.4
13. Reactor Reserve Shutdown Hours	--	--	--
14. Hours Generator On-Line	734.0	3,944.3	41,423.3
15. Unit Reserve Shutdown Hours	--	--	--
16. Gross Thermal Energy Generated (MWH)	1,849,096	9,869,797	100,174,138
17. Gross Electrical Energy Generated (MWH)	628,880	3,397,830	34,629,044
18. Net Electrical Energy Generated (MWH)	599,893	3,231,767	32,946,162
19. Unit Service Factor	98.7	67.6	70.4
20. Unit Availability Factor	98.7	67.6	70.4
21. Unit Capacity Factor (Using MDC Net)	93.8	64.5	64.9
22. Unit Capacity Factor (Using DER Net)	91.0	62.6	63.2
23. Unit Forced Outage Rate	1.3	3.4	15.8

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		

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-287
UNIT NAME Oconee Unit 3
DATE 9-15-81
COMPLETED BY J. A. Reavis
TELEPHONE 704-373-8552

REPORT MONTH August, 1981

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
10-p	81-08-01	F	--	B	--		AA	TURBIN	Completion of turbine valve movement test.
11-p	81-08-08	F	--	B	--		HH	PUMPXX	3D2 HDP (heater drain pump) repair.
12-p	81-08-14	F	--	A	--		HH	PUMPXX	3D2 HDP tripped.
6	81-08-15	F	9.98	A	3		HA	TURBIN	Turbin/reactor trip due to oil leak on turbine control system (EHC).
13-p	81-08-16	F		A	--		CH	VALVEX	3 FDW-62 valve repair (3B feedwater pump suction relief valve).

[1]
F 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

(77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-287
UNIT Oconee Unit 3
DATE 9-15-81
COMPLETED BY J. A. Reavis
TELEPHONE (704)373-8552

MONTH August, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	834	17	808
2	836	18	834
3	834	19	836
4	834	20	836
5	834	21	836
6	834	22	832
7	835	23	827
8	812	24	810
9	787	25	793
10	833	26	833
11	834	27	835
12	835	28	835
13	834	29	837
14	826	30	836
15	584	31	835
16	389		

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: 9-15-81

NARRATIVE SUMMARY

MONTH: August, 1981

Oconee 3 began August completing a turbine valve movement test and returning to full power.

Power was reduced to 90% on August 8 for 3-D2 HDP (heater drain pump) maintenance. It returned to service on August 9. On August 14 3-D2 HDP tripped and was returned to service in a couple hours.

On August 15 at 1708 an oil line fitting leak on the turbine control oil system (EHC) resulted in a generator/reactor trip. Repairs were completed and the unit was on-line at 0307 on August 16. The 3 B FWP (feedwater pump) suction relief valve lifted and would not re-seat causing a delay in getting the second FWP in service. Full power was reached on August 17 at 0600.

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: September 15, 1981

Name of Contact: J. A. Reavis.

OCONEE NUCLEAR STATION

Operating Status Report

1. Personnel Exposure

   For the month of July, 4 individual(s) exceeded 10 percent of their allowable annual radiation dose limit with the highest dose being 1.940 rem, which represents approximately 16.2% of that person's allowable annual limit.

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

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

DUKE POWER COMPANY
POWER BUILDING
422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28242

WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

TELEPHONE: AREA 704
373-4083

September 17, 1981

Director
Office of Management Information
and Program Analysis
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Re: Oconee Nuclear Station
Docket Nos. 50-269, -270, -287

Dear Sir:

Please find attached a corrected copy of the Unit Shutdowns and Power Reductions sheet for Unit 1 of the Oconee Nuclear Station Monthly Operating Status Report for the month of August, 1981.

Very truly yours,

William O. Parker, Jr.

JAR:scs
Attachment

cc: Mr. T. Cintula
12015 MNBB
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Director
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

Mr. Bill Lavallee
Nuclear Safety Analysis Center
P. O. Box 10412
Palo Alto, California 94303

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August, 1981

DOCKET NO. 50-269
UNIT NAME Oconee Unit 1
DATE 9-17-81
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	81-08-01	S	744.00	C	--		RC	FUELXX	Scheduled refueling and inspection (10 year) continues. NRC required modifications in progress.

1
F 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

(9/77)