OPERATING DATA REPORT

DOCKET NO. 50-269
DATE 08-15-81
COMPLETED BY J. A. Reavis
TELEPHONE 704-373-8552

OPERATING STATUS

1. Unit Name: Oconee Unit 1
2. Reporting Period: July, 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	5,087.0	70,512.0
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)	-3,419	3,019,694	37,367,703
19. Unit Service Factor	0.0	71.9	68.4
20. Unit Availability Factor	0.0	71.9	68.5
21. Unit Capacity Factor (Using MDC Net)	0.0	69.0	61.4
22. Unit Capacity Factor (Using DER Net)	0.0	67.0	59.8
23. Unit Forced Outage Rate	0.0	13.8	16.8

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		

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH July, 1981

DOCKET NO. 50-269
UNIT NAME Oconee Unit 1
DATE 08-15-81
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	81-07-01	S	744.00	C	--		RC	FUELXX	Scheduled refueling and inspection (10 year) in progress. NRC required modifications and other planned maintenance 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 08-15-81
COMPLETED BY J. A. Reavis
TELEPHONE (704)373-8552

MONTH July, 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: 08-15-81

NARRATIVE SUMMARY

MONTH: July, 1981

The scheduled refueling and inspection (10 year) continued on Oconee 1 the complete month. NRC required modifications and other maintenance items continued.

Removal of the reactor core barrel has revealed a problem with the bolts holding the grid flow distributors to the thermal shield. Several bolts are missing and others are at irregular positions. Investigation of the problem 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: 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: August 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 08-15-81
COMPLETED BY J. A. Reavis
TELEPHONE 704-373-8552

OPERATING STATUS

1. Unit Name: Oconee Unit 2
2. Reporting Period: July, 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	5,087.0	60,432.0
12. Number Of Hours Reactor Was Critical	744.0	4,785.7	43,890.6
13. Reactor Reserve Shutdown Hours	--	--	--
14. Hours Generator On-Line	744.0	4,747.5	42,923.2
15. Unit Reserve Shutdown Hours	--	--	--
16. Gross Thermal Energy Generated (MWH)	1,901,119	11,413,272	101,509,387
17. Gross Electrical Energy Generated (MWH)	651,800	3,940,320	34,552,556
18. Net Electrical Energy Generated (MWH)	622,999	3,767,214	32,809,780
19. Unit Service Factor	100.0	93.3	71.0
20. Unit Availability Factor	100.0	93.3	71.0
21. Unit Capacity Factor (Using MDC Net)	97.4	86.1	62.9
22. Unit Capacity Factor (Using DER Net)	94.5	83.6	61.3
23. Unit Forced Outage Rate	0.0	0.8	16.3

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

REPORT MONTH July, 1981

DOCKET NO. 50-270
UNIT NAME Oconee Unit 2
DATE 08-15-81
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
8-p	81-07-26	S	--	B	--		ZZ	ZZZZZZ	The reactor power was reduced in an attempt to isolate a leaking RPS flow transmitter.

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 08-15-81
COMPLETED BY J. A. Reavis
TELEPHONE (704)373-8552

MONTH July, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	837	17	842
2	841	18	841
3	843	19	841
4	844	20	841
5	843	21	840
6	843	22	840
7	843	23	840
8	842	24	839
9	841	25	839
10	842	26	801
11	842	27	839
12	842	28	777
13	841	29	827
14	841	30	839
15	842	31	841
16	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.

Docket No: 50-270
Unit: Oconee Unit 2
Date: 08-15-81

NARRATIVE SUMMARY

MONTH: July, 1981

Oconee 2 began the month of July at near rated power. On July 26, the reactor power was reduced for operation stability while attempting to isolate a leaking RPS (reactor protective system) flow transmitter. The reactor was returned to near rated power the same day. An ICS (intergrated control system) run back to 55% power was experienced on July 28, due to a control rod group out limit. After correction of the problem the reactor was returned to near rated power and continued the remainder of the month.

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:.

9. Projected date of last refueling which can be accommodated by present licensed capacity:.

DUKE POWER COMPANY Date: August 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 08-15-81
COMPLETED BY J. A. Reavis
TELEPHONE 704-373-8552

OPERATING STATUS

1. Unit Name: Oconee Unit 3
2. Reporting Period: July, 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	5,087.0	58,079.0
12. Number Of Hours Reactor Was Critical	744.0	3,268.1	41,672.2
13. Reactor Reserve Shutdown Hours	--	--	--
14. Hours Generator On-Line	744.0	3,210.3	40,689.2
15. Unit Reserve Shutdown Hours	--	--	--
16. Gross Thermal Energy Generated (MWH)	1,906,492	8,020,701	98,325,042
17. Gross Electrical Energy Generated (MWH)	653,760	2,768,950	34,000,164
18. Net Electrical Energy Generated (MWH)	624,829	2,631,874	32,346,269
19. Unit Service Factor	100.0	63.1	70.1
20. Unit Availability Factor	100.0	63.1	70.1
21. Unit Capacity Factor (Using MDC Net)	97.7	60.2	64.5
22. Unit Capacity Factor (Using DER Net)	94.8	58.4	62.9
23. Unit Forced Outage Rate	0.0	3.9	16.0

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

REPORT MONTH July, 1981

DOCKET NO. 50-287
UNIT NAME Oconee Unit 3
DATE 08-15-81
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
8-p	81-07-18	F	--	D	--		CF	PUMPXX	Reduction due to technical specification limitation of 24 hours with an LPI pump inoperable. Bearings were replaced on 3B LPI pump.
9-p	81-07-31	F	--	B	--		HA	TURBIN	Power reduced to perform turbine valve movement tests.

[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)

(5/77)

[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 08-15-81
COMPLETED BY J. A. Reavis
TELEPHONE (704)373-8552

MONTH July, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	830	17	840
2	844	18	819
3	845	19	840
4	845	20	839
5	844	21	841
6	843	22	840
7	844	23	841
8	844	24	840
9	844	25	839
10	843	26	839
11	843	27	841
12	842	28	839
13	842	29	838
14	843	30	837
15	842	31	822
16	841		

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: 08-15-81

NARRATIVE SUMMARY

MONTH: July, 1981

Oconee 3 ran at near rated power the early portion of July. On July 18, the power was reduced per technical specifications with the 3 "B" LPI pump being inoperable more than twenty four (24) hours. The pump was declared operable and the power increased the same day. A turbine valve movement test necessitated a power reduction for a couple hours on July 31. The month ended with the unit at near rated power.

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: August 15, 1981.

Name of Contact: J. A. Reavis.

OCONEE NUCLEAR STATION

Operating Status Report

1. Personnel Exposure

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

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

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