OPERATING DATA REPORT

DOCKET NO. 50-269
DATE 3-14-80
COMPLETED BY J. A. Reavis
TELEPHONE 704-373-8552

OPERATING STATUS

1. Unit Name: Oconee Unit 1
2. Reporting Period: February, 1980
3. Licensed Thermal Power (MWt): 2,568
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	696.0	1,440.0	58,081.0
12. Number Of Hours Reactor Was Critical	114.5	114.5	40,629.0
13. Reactor Reserve Shutdown Hours	-	-	-
14. Hours Generator On-Line	62.8	62.8	38,009.8
15. Unit Reserve Shutdown Hours	-	-	-
16. Gross Thermal Energy Generated (MWH)	54,670	54,670	89,272,789
17. Gross Electrical Energy Generated (MWH)	19,820	19,820	30,934,120
18. Net Electrical Energy Generated (MWH)	9,277	6,961	29,238,460
19. Unit Service Factor	9.0	4.4	65.4
20. Unit Availability Factor	9.0	4.4	65.5
21. Unit Capacity Factor (Using MDC Net)	1.6	0.6	58.3
22. Unit Capacity Factor (Using DER Net)	1.5	0.6	56.8
23. Unit Forced Outage Rate	83.2	83.2	18.6

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		

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(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February, 1980

DOCKET NO. 50-269
UNIT NAME Oconee Unit 1
DATE 3/14/80
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	80-02-01	S	209.17	B	--		XX	PIPEXX	Completion of pipe hanger/support inspection and modification (IE Bulletin 79-02 and 79-14)
2	80-02-09	F	311.33	A	--		CC	HTEXCH	"A" steam generator manway gaskets replaced.
3	80-02-22	S	94.50	B	--		ZZ	ZZZZZZ	Water chemistry out of limits.
4	80-02-26	S	18.24	E	--		ZZ	ZZZZZZ	Operator training
5	80-02-27	F	--	A	--		IA	INSTRU	Holding at 20% power to correct ICS (control) problem.
6	80-02-27	S	--	B	--		ZZ	ZZZZZZ	Holding at 40% power for power escalation testing.

[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 3/14/80
COMPLETED BY J. A. Reavis
TELEPHONE 704-373-8552

MONTH February, 1980

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	124
12	-	28	303
13	-	29	305
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: 3/14/80

NARRATIVE SUMMARY

MONTH: February, 1980

Oconee 1 began the month completing planned outage items following refueling. An extension to the outage was necessary due to the replacement of a leaking manway gasket on the "A" steam generator and the changing of other manway gaskets.

The reactor was critical on February 25 and after completion of power physics testing, was placed in service on February 27 at 0914.

After a short hold at 20% power to correct an ICS control problem, the unit was increased to 40% power.

Power escalation testing at 40% continued the remainder of the month.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 1.

2. Scheduled next refueling shutdown: February, 1981.

3. Scheduled restart following refueling: April, 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: January 22, 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: 545 (station total)

8. Present licensed fuel pool capacity: 750.
   Size of requested or planned increase: No planned increase.

9. Projected date of last refueling which can be accommodated by present licensed capacity: August, 1980 assuming no transfer to McGuire.

DUKE POWER COMPANY Date: March 14, 1980.

Name of Contact: J. A. Reavis.

OPERATING DATA REPORT

DOCKET NO. 50-270
DATE 3-14-80
COMPLETED BY J. A. Reavis
TELEPHONE 704-373-8552

OPERATING STATUS

1. Unit Name: Oconee Unit 2
2. Reporting Period: February, 1980
3. Licensed Thermal Power (MWt): 2,568
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 cumulative 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	696.0	1,440.0	48,001.0
12. Number Of Hours Reactor Was Critical	696.0	1,439.2	35,035.1
13. Reactor Reserve Shutdown Hours	-	-	-
14. Hours Generator On-Line	696.0	1,427.7	34,203.7
15. Unit Reserve Shutdown Hours	-	-	-
16. Gross Thermal Energy Generated (MWH)	1,335,718	3,181,687	81,229,092
17. Gross Electrical Energy Generated (MWH)	454,980	1,077,120	27,591,476
18. Net Electrical Energy Generated (MWH)	431,069	1,025,965	26,189,723
19. Unit Service Factor	100.0	99.1	71.3
20. Unit Availability Factor	100.0	99.1	71.3
21. Unit Capacity Factor (Using MDC Net)	72.0	82.9	63.1
22. Unit Capacity Factor (Using DER Net)	69.9	80.4	61.5
23. Unit Forced Outage Rate	0.0	0.9	19.4

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling - March 4, 1980 - 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		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February, 1980

DOCKET NO. 50-270
UNIT NAME Oconee Unit 2
DATE 3-14-80
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
3	80-02-01	F	--	D	--		RC	FUELXX	Hold in power increase due to xenon and core flux imbalance.
4	80-02-01	S	--	H	--		RC	FUELXX	Power reduction due to fuel depletion.
5	80-02-02	F	--	D	--		RC	FUELXX	Core flux imbalance forced power reduction to stabilize.
6	80-02-03	S	--	H	--		RC	FUELXX	Power reduction due to fuel depletion.

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 3-14-80
COMPLETED BY J. A. Reavis
TELEPHONE 704-373-8552

MONTH February, 1980

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	669	17	599
2	648	18	596
3	739	19	586
4	757	20	575
5	714	21	568
6	696	22	567
7	696	23	558
8	686	24	548
9	659	25	542
10	686	26	524
11	649	27	539
12	663	28	509
13	646	29	501
14	625	30	
15	614	31	
16	604		

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.

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MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 2.

2. Scheduled next refueling shutdown: March, 1980.

3. Scheduled restart following refueling: May, 1980.

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: March 1, 1980.

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: 545 (station total)

8. Present licensed fuel pool capacity: 750.
   Size of requested or planned increase: No planned increase.

9. Projected date of last refueling which can be accommodated by present licensed capacity: August, 1980 assuming no transfer to McGuire.

DUKE POWER COMPANY

Date: March 14, 1980.

Name of Contact: J. A. Reavis.

DOCKET NO: 50-270
UNIT: Oconee Unit 2
DATE: 3/14/80

NARRATIVE SUMMARY

MONTH: February, 1980

Oconee 2 began February at 64% power and holding due to xenon and a power imbalance after returning to service from a unit trip. Power was increased to 90% as conditions permitted. During the remainder of the month, power was reduced due to fuel depletion, as needed to continue operation until the scheduled refueling outage following the return of Oconee 1 to service.

OPERATING DATA REPORT

DOCKET NO. 50-287
DATE 3-14-80
COMPLETED BY J. A. Reavis
TELEPHONE 704-373-8552

OPERATING STATUS

1. Unit Name: Oconee Unit 3
2. Reporting Period: February, 1980
3. Licensed Thermal Power (MWt): 2,568
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 cumulative 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	696.0	1,440.0	45,648.0
12. Number Of Hours Reactor Was Critical	696.0	1,440.0	33,333.9
13. Reactor Reserve Shutdown Hours	-	-	-
14. Hours Generator On-Line	696.0	1,440.0	32,501.6
15. Unit Reserve Shutdown Hours	-	-	-
16. Gross Thermal Energy Generated (MWH)	1,760,327	3,656,329	78,037,935
17. Gross Electrical Energy Generated (MWH)	605,630	1,260,900	27,012,164
18. Net Electrical Energy Generated (MWH)	580,369	1,208,691	25,705,247
19. Unit Service Factor	100.0	100.0	71.2
20. Unit Availability Factor	100.0	100.0	71.2
21. Unit Capacity Factor (Using MDC Net)	97.0	97.6	65.2
22. Unit Capacity Factor (Using DER Net)	94.1	94.7	63.6
23. Unit Forced Outage Rate	0.0	0.0	17.5

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
NRC Modifications - March 14, 1980 - 4 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		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February, 1980

DOCKET NO. 50-287
UNIT NAME Oconee Unit 3
DATE 3-14-80
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
3	80-02-22	F		A	--		CH	PUMPXX	Power reduced to 85% for 3D1 heater drain pump maintenance.
4	80-02-25	F		A	--		HA	INSTRU	Reduced power to 75% to correct turbine control valve problem.

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. 50-287
UNIT Oconee Unit 3
DATE 3-14-80
COMPLETED BY J. A. Reavis
TELEPHONE 704-373-8552

MONTH February, 1980

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	851	17	846
2	847	18	846
3	845	19	845
4	838	20	841
5	837	21	840
6	840	22	767
7	842	23	712
8	843	24	796
9	843	25	839
10	843	26	800
11	843	27	846
12	845	28	849
13	850	29	844
14	851	30	
15	849	31	
16	845		

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.

(9/77)

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 3.

2. Scheduled next refueling shutdown: December, 1980.

3. Scheduled restart following refueling: February, 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: August 5, 1980.

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: 545 (station total)

8. Present licensed fuel pool capacity: 474.
   Size of requested or planned increase: No planned increase.

9. Projected date of last refueling which can be accommodated by present licensed capacity: August, 1980 assuming no transfer to McGuire.

DUKE POWER COMPANY Date: March 14, 1980.

Name of Contact: J. A. Reavis.

DOCKET NO: 50-287
UNIT: Oconee Unit 3
DATE: 3/14/80

NARRATIVE SUMMARY

MONTH: February, 1980

Oconee 3 operated with only two reportable power reductions during February. On February 22, power was reduced to 85% for maintenance on the 3D1 heater drain pump and to 75% on February 25 to correct a turbine control valve problem. The unit ran at near rated power the remainder of the month.

OCONEE NUCLEAR STATION
Operating Status Report

1. Personnel Exposure

For the month of January, 8 individual(s) exceeded 10 percent of their allowable annual radiation dose limit with the highest dose being 1.830 REM, which represents approximately 15.3% of that person's allowable annual limit.

2. Radioactive Waste Releases

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

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