DUKE POWER COMPANY
P.O. BOX 33189
CHARLOTTE, N.C. 28242

HAL B. TUCKER
VICE PRESIDENT
NUCLEAR PRODUCTION

TELEPHONE
(704) 373-4531

February 15, 1984

Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Document Control Desk

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

Dear Sir:

Please find attached information concerning the performance and operating status of the Oconee Nuclear Station for the month of January, 1984.

Very truly yours,

Hal B. Tucker

JAR:scs

Attachments

cc: Regional Administrator
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30303

Mr. Phil Ross
U. S. Nuclear Regulatory Commission
MNBB-5715
Washington, D. C. 20555

Senior Resident Inspector
Oconee Nuclear Station

Mr. J. F. Suermann, Project Manager
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

INPO Records Center
Suite 1500
1100 Circle 75 Parkway
Atlanta, Georgia 30339

IE24
1/1

OPERATING DATA REPORT

DOCKET NO. 50-269
DATE 02-15-84
COMPLETED BY J. A. Reavis
TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: Oconee No. 1
2. Reporting Period: January 1, 1984 - January 31, 1984
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 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	744.0	744.0	92 449.0
12. Number Of Hours Reactor Was Critical	744.0	744.0	65 284.6
13. Reactor Reserve Shutdown Hours	-	-	-
14. Hours Generator On-Line	744.0	744.0	62 133.4
15. Unit Reserve Shutdown Hours	-	-	-
16. Gross Thermal Energy Generated (MWH)	1 909 038	1 909 038	148 207 070
17. Gross Electrical Energy Generated (MWH)	671 260	671 260	51 539 490
18. Net Electrical Energy Generated (MWH)	642 587	642 587	48 808 138
19. Unit Service Factor	100.0	100.0	67.2
20. Unit Availability Factor	100.0	100.0	67.2
21. Unit Capacity Factor (Using MDC Net)	100.4	100.4	61.2
22. Unit Capacity Factor (Using DER Net)	97.5	97.5	59.6
23. Unit Forced Outage Rate	0.0	0.0	17.3

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		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-269
UNIT Oconee 1
DATE 02-15-84
COMPLETED BY J. A. Reavis
TELEPHONE 704-373-7567

MONTH January, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	862	17	866
2	863	18	865
3	863	19	865
4	863	20	865
5	863	21	865
6	864	22	866
7	864	23	866
8	864	24	865
9	864	25	865
10	864	26	865
11	864	27	864
12	865	28	864
13	865	29	865
14	846	30	864
15	865	31	864
16	865		

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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January, 1984

DOCKET NO. 50-269
UNIT NAME Oconee 1
DATE 02/15/84
COMPLETED BY J.A. Reavis
TELEPHONE 704-373-7567

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-p	84-01-13	S	--	B	--		CC	VALVEX	Control valve movement and stop valve movement test.

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)

DOCKET NO: 50-269
UNIT: Oconee 1
DATE: 02/15/84

NARRATIVE SUMMARY

Month: January, 1984

Oconee Unit 1 operated throughout the month at 100% power except for one reduction for a routine surveillenc. test.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 1.

2. Scheduled next refueling shutdown: February, 1985.

3. Scheduled restart following refueling: April, 1985.

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? N/A.

5. Scheduled date(s) for submitting proposed licensing action and supporting information: N/A.

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: 1123*.

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: February 15, 1984.

Name of Contact: J. A. Reavis Phone: 704-373-7567

*Represents the combined total for Units 1 and 2.

OPERATING DATA REPORT

DOCKET NO. 50-270
DATE 02-15-84
COMPLETED BY J. A. Reavis
TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: Oconee No. 2
2. Reporting Period: January 1, 1984 - January 31, 1984
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:

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

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744.0	744.0	82 369.0
12. Number Of Hours Reactor Was Critical	744.0	744.0	58 057.5
13. Reactor Reserve Shutdown Hours	-	-	-
14. Hours Generator On-Line	744.0	744.0	56 904.2
15. Unit Reserve Shutdown Hours	-	-	-
16. Gross Thermal Energy Generated (MWH)	1 908 854	1 908 854	134 399 521
17. Gross Electrical Energy Generated (MWH)	660 300	660 300	45 765 156
18. Net Electrical Energy Generated (MWH)	633 287	633 287	43 444 856
19. Unit Service Factor	100.0	100.0	69.1
20. Unit Availability Factor	100.0	100.0	69.1
21. Unit Capacity Factor (Using MDC Net)	99.0	99.0	61.1
22. Unit Capacity Factor (Using DER Net)	96.1	96.1	59.5
23. Unit Forced Outage Rate	0.0	0.0	16.3

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)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-270
UNIT Oconee 2
DATE 02-15-84
COMPLETED BY J. A. Reavis
TELEPHONE 704-373-7567

MONTH January, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	853	17	848
2	853	18	822
3	853	19	853
4	853	20	853
5	853	21	853
6	853	22	852
7	853	23	853
8	853	24	853
9	852	25	853
10	851	26	853
11	852	27	853
12	852	28	853
13	853	29	853
14	836	30	855
15	853	31	855
16	853		

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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January, 1984

DOCKET NO. 50-270
UNIT NAME Oconee 2
DATE 02/15/84
COMPLETED BY J.A. Reavis
TELEPHONE 704-373-7567

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-p	84-01-14	S	--	B	--		CC	VALVEX	Control valve and stop valve test.
2-p	84-01-17	F	--	A	--		CH	XXXXXX	2A FWPT hydraulic oil pressure decrease.

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)

DOCKET NO: 50-270

UNIT: Oconee 2

DATE: 02/15/84

NARRATIVE SUMMARY

Month: January, 1984

Oconee Unit 2 operated throughout the month at 100% power except for two short power reductions. One for a routine surveillence test, the other tc investigate a decrease in hydraulic oil pressure on a feedwater pump turbine.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 2.

2. Scheduled next refueling shutdown: June, 1985.

3. Scheduled restart following refueling: August, 1985.

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? N/A.

5. Scheduled date(s) for submitting proposed licensing action and supporting information: N/A.

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: 1123*.

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: February 15, 1984.

Name of Contact: J. A. Reavis Phone: 704-373-7567

*Represents the combined total for Units 1 and 2.

OPERATING DATA REPORT

DOCKET NO. 50-287
DATE 02-15-84
COMPLETED BY J. A. Reavis
TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: Oconee No. 3
2. Reporting Period: January 1, 1984 - January 31, 1984
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: —

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

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744.0	744.0	80 016.0
12. Number Of Hours Reactor Was Critical	744.0	744.0	57 453.9
13. Reactor Reserve Shutdown Hours	-	-	-
14. Hours Generator On-Line	744.0	744.0	56 326.6
15. Unit Reserve Shutdown Hours	-	-	-
16. Gross Thermal Energy Generated (MWH)	1 909 470	1 909 470	137 402 034
17. Gross Electrical Energy Generated (MWH)	660 170	660 170	47 474 764
18. Net Electrical Energy Generated (MWH)	633 368	633 368	45 200 486
19. Unit Service Factor	100.0	100.0	70.4
20. Unit Availability Factor	100.0	100.0	70.4
21. Unit Capacity Factor (Using MDC Net)	99.0	99.0	65.5
22. Unit Capacity Factor (Using DER Net)	96.1	96.1	63.8
23. Unit Forced Outage Rate	0.0	0.0	15.0

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
    Refueling - March, 1984 - 10 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)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-287
UNIT Oconee 3
DATE 02-15-84
COMPLETED BY J. A. Reavis
TELEPHONE 704-373-7567

MONTH January, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	857	17	852
2	858	18	852
3	856	19	852
4	855	20	854
5	855	21	853
6	848	22	853
7	803	23	853
8	853	24	852
9	851	25	853
10	846	26	853
11	856	27	852
12	852	28	852
13	853	29	852
14	852	30	853
15	853	31	852
16	852		

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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January, 1984

DOCKET NO. 50-287
UNIT NAME Oconee 3
DATE 02/15/84
COMPLETED BY J.A. Reavis
TELEPHONE 704-373-7567

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-p	84-01-06	S	--	B	--		CC	VALVEX	Turbine valve and control rod drives test.

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)

DOCKET NO: 50-287
UNIT: Oconee 3
DATE: 02/15/84

NARRATIVE SUMMARY

Month: January, 1984

Oconee Unit 3 operated throughout the month at 100% power except for a routine reduction to perform a periodic test.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 3.

2. Scheduled next refueling shutdown: March, 1984.

3. Scheduled restart following refueling: May, 1984.

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? N/A.

5. Scheduled date(s) for submitting proposed licensing action and supporting information: N/A.

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: 0.

8. Present licensed fuel pool capacity: 825.
   Size of requested or planned increase:.

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

DUKE POWER COMPANY

Date: February 15, 1984.

Name of Contact: J. A. Reavis

Phone: 704-373-7567

OCONEE NUCLEAR STATION

Operating Status Report

1. Personnel Exposure

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

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

   The total station gaseous release for December has been compared with the derived Technical Specifications annual value of 15,000 curies; the total release for December was less than 10 percent of this limit.