OPERATING DATA REPORT

DOCKET NO. 50-348
DATE 1/6/84
COMPLETED BY W.G.Hairston, III
TELEPHONE (205)899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 1
2. Reporting Period: December, 1983
3. Licensed Thermal Power (MWt): 2652
4. Nameplate Rating (Gross MWe): 860
5. Design Electrical Rating (Net MWe): 829
6. Maximum Dependable Capacity (Gross MWe): 844.6
7. Maximum Dependable Capacity (Net MWe): 803.6
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

N/A

Notes
1) Cumulative data since 12/1/77, date of commercial operation.

9. Power Level To Which Restricted, If Any (Net MWe): N/A
10. Reasons For Restrictions, If Any: N/A

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	8,760	53,328
12. Number Of Hours Reactor Was Critical	744.0	6,975.7	35,123.2
13. Reactor Reserve Shutdown Hours	0.0	36.2	3,650.7
14. Hours Generator On-Line	744.0	6,835.2	34,103.4
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,973,088	17,611,477	86,101,526
17. Gross Electrical Energy Generated (MWH)	630,428	5,572,426	27,343,010
18. Net Electrical Energy Generated (MWH)	599,810	5,260,842	25,701,062
19. Unit Service Factor	100.0	78.0	64.0
20. Unit Availability Factor	100.0	78.0	64.0
21. Unit Capacity Factor (Using MDC Net)	100.3	74.7	60.0
22. Unit Capacity Factor (Using DER Net)	97.2	72.4	58.1
23. Unit Forced Outage Rate	0.0	1.3	15.3

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling/maintenance outage, 2/10/84, approximately 8 weeks.

25. If Shut Down At End Of Report Period, Estimated Date of Startup: N/A
26. Units In Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY	8/6/77	8/9/77
INITIAL ELECTRICITY	8/20/77	8/18/77
COMMERCIAL OPERATION	12/1/77	12/1/77

DOCKET NO. 50-348
UNIT 1
DATE 1/6/84
COMPLETED BY W.G. Hairston, III
TELEPHONE (205) 899-5156

MONTH December, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	807	17	809
2	802	18	809
3	796	19	809
4	801	20	807
5	799	21	807
6	799	22	806
7	809	23	806
8	809	24	810
9	809	25	807
10	804	26	810
11	800	27	811
12	802	28	804
13	808	29	809
14	806	30	809
15	909	31	810
16	809		

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)

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-348
UNIT NAME J.M. Farley - Unit 1
DATE 1/6/83
COMPLETED BY W. G. Hairston, III
TELEPHONE (205) 899-5156

REPORT MONTH December, 1983

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
THERE WERE NO UNIT SHUTDOWNS OR SIGNIFICANT POWER REDUCTIONS IN THE MONTH OF DECEMBER.									

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)

JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 1
NARRATIVE SUMMARY OF OPERATIONS
DECEMBER, 1983

During the month of December, there were no unit shutdowns or significant power reductions. On December 25, 1983, the 1C steam generator atmospheric relief valve lifted. It is believed that this was caused by freezing in the associated instrumentation. The valve was placed in manual control and closed.

The following safety-related maintenance was performed in the month of December:

1. Performed miscellaneous maintenance on diesel generators.

2. Repacked 1A service water pump.

3. Repacked #10 river water pump.

4. Overhauled #8 river water pump.

5. Performed scheduled PM on 1C diesel generator.

Mailing Address
Alabama Power Company
600 North 18th Street
Post Office Box 2641
Birmingham, Alabama 35291
Telephone 205 783-6081

F. L. Clayton, Jr.
Senior Vice President
Flintridge Building

Alabama Power
the southern electric system

January 15, 1984

Docket No. 50-348

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

Dear Sir:

RE: Joseph M. Farley Nuclear Plant
Unit 1
Monthly Operating Data Report

Attached are two (2) copies of the December, 1983 Monthly Operating Report for Joseph M. Farley Nuclear Plant, Unit 1, required by Section 6.9.1.10 of the Appendix A Technical Specifications. As requested by letter from Mr. John F. Stolz to Mr. Alan R. Barton, dated October 21, 1977, a "Narrative Summary of Operating Experience" is included in the attached report.

If you have any questions, please advise.

Yours very truly,

F. L. Clayton, Jr.

FLCJr/KWM:nac

Enclosures

xc: Mr. Ted Cintula (1 copy)
Director, IE (10 copies)
Director, RII (1 copy)

IE24
1/1

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