JOSEPH M. FARLEY NUCLEAR PLANT
UNIT 1
NARRATIVE SUMMARY OF OPERATIONS
FEBRUARY, 1984

During the month of February, there was one (1) automatic shutdown which occurred February 10, 1984. The Cycle V-VI refueling outage started on February 10, 1984.

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

1. Performed miscellaneous maintenance on diesel generators.

2. Replaced detectors on radiation monitors R-27A & B.

IE24

OPERATING DATA REPORT

DOCKET NO. 50-348
DATE 3-6-84
COMPLETED BY W.G. Hairston, III
TELEPHONE (205) 899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 1
2. Reporting Period: February, 1984
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): 841.8
7. Maximum Dependable Capacity (Net MWe): 797.1
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	696	1,440	54,768
12. Number Of Hours Reactor Was Critical	240.0	938.0	36,061.2
13. Reactor Reserve Shutdown Hours	0.0	0.0	3,650.7
14. Hours Generator On-Line	240.0	904.5	35,007.9
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	631,428	2,360,784	88,462,310
17. Gross Electrical Energy Generated (MWH)	203,000	751,662	28,094,672
18. Net Electrical Energy Generated (MWH)	188,394	706,670	26,407,732
19. Unit Service Factor	34.5	62.8	63.9
20. Unit Availability Factor	34.5	62.8	63.9
21. Unit Capacity Factor (Using MDC Net)	34.0	61.6	60.5
22. Unit Capacity Factor (Using DER Net)	32.7	59.2	58.2
23. Unit Forced Outage Rate	0.0	8.1	15.1

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
N/A

25. If Shut Down At End Of Report Period, Estimated Date of Startup: April 14, 1984
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

(9/77)

DOCKET NO. 50-348
UNIT 1
DATE 3-6-84
COMPLETED BY W.G. Hairston, III
TELEPHONE (205) 899-5156

MONTH February, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	812	17	0
2	809	18	0
3	807	19	0
4	807	20	0
5	809	21	0
6	810	22	0
7	811	23	0
8	810	24	0
9	808	25	0
10	750	26	0
11	0	27	0
12	0	28	0
13	0	29	0
14	0	30	
15	0	31	
16	0		

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 3-6-84
COMPLETED BY W.G.Hairston, III
TELEPHONE (205) 899-5156

REPORT MONTH February, 1984

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
003	840210	S	456.0	C	3	84-002-00	N/A	N/A	The unit was taken off line for the Cycle V-VI refueling outage. During normal shutdown operations, a reactor trip occurred from 10% power.

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)

Revision to the Report
Submicted 2-10-84

OPERATING DATA REPORT

DOCKET NO. 50-348
DATE 3-6-84
COMPLETED BY W. G. Hairston, III
TELEPHONE (205) 899-5156

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 1
2. Reporting Period: January, 1984
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): 841.8
7. Maximum Dependable Capacity (Net MWe): 797.1
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
   Items 6 and 7 changed due to annual update.

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	744	54,072
12. Number Of Hours Reactor Was Critical	698.0	698.0	35,821.2
13. Reactor Reserve Shutdown Hours	0.0	0.0	3,650.7
14. Hours Generator On-Line	664.5	664.5	34,767.9
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,729,356	1,729,356	87,830,882
17. Gross Electrical Energy Generated (MWH)	548,662	548,662	27,891,672
18. Net Electrical Energy Generated (MWH)	518,276	518,276	26,219,338
19. Unit Service Factor	89.3	89.3	64.3
20. Unit Availability Factor	89.3	89.3	64.3
21. Unit Capacity Factor (Using MDC Net)	87.4	87.4	60.8
22. Unit Capacity Factor (Using DER Net)	84.0	84.0	58.5
23. Unit Forced Outage Rate	10.7	10.7	15.2

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

(9/77)

Revision to the Report
Submitted 12-12-83

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-348
UNIT NAME J.M. Farley Unit 1
DATE 12-5-83
COMPLETED BY W.G. Hairston, III
TELEPHONE (205) 899-5156

REPORT MONTH November, 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 NOVEMBER.								

1
F: Forced
S: Scheduled

2
Reason:
A-Equipment Failure (Explain)
B-Maintenance of 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)

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

March 14, 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 February 1984 Monthly Operating Report (MOR) for Joseph M. Farley Nuclear Plant, Unit 1, required by Section 6.9.1.10 of Appendix A of the 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. A revised Operating Data Report page for the January 1984 MOR and a Unit Shutdowns and Power Reductions page for the November 1983 MOR are also attached. The January revision reflects the proper MDC (Gross) and MDC (Net) data that was previously reported incorrectly. The November page was inadvertently omitted in the November MOR.

If you have any questions, please advise.

Yours very truly,

F L Clayton Jr

F. L. Clayton, Jr.

FLCJr/KWM:sam

Enclosures

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

IE24
1/1

bc: Mr. J. M. Farley
Mr. W. O. Whitt
Mr. R. P. McDonald
Mr. H. O. Thrash
Mr. W. G. Hairston, III
Mr. L. S. Williams
Mr. T. H. Nesbit
Mr. O. D. Kingsley, Jr.
Mr. A. E. Hammett
Mr. M. L. Stoltz
Ms. S. N. Knight
Mr. J. M. Elliott
Mr. J. R. Crane
Mr. B. E. Hunt
Mr. L. B. Long
Mr. N. M. Horsley
Ms. Sylvia Schoel
Mr. J. C. Miller
INPO Records Center
File: Binder Copy
A-2.1