Dave Morey
Vice President
Farley Project

Southern Nuclear
Operating Company
P.O. Box 1295
Birmingham, Alabama 35201

Tel 205.992.5131

SOUTHERN COMPANY
Energy to Serve Your World™

December 10, 1997

Docket Nos. 50-348
50-364

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D C 20555

Joseph M. Farley Nuclear Plant
Monthly Operating Report

Ladies and Gentlemen:

Attached are the November 1997 Monthly Operating Reports for Joseph M. Farley Nuclear Plant Units 1 and 2, as required by Section 6.9.1.10 of the Technical Specifications.

If you have any questions, please advise.

Respectfully submitted,

Dave Morey

RWC:(mor)

Attachments

cc: Mr. L. A. Reyes, Region II Administrator
Mr. J. I. Zimmerman, NRR Project Manager
Mr. T. M. Ross, FNP Sr. Resident Inspector

IE24

NARRATIVE SUMMARY OF OPERATIONS

DOCKET NO.	50-348
UNIT NAME	J. M. Farley - Unit 1
DATE	December 2, 1997
COMPLETED BY	M. W. McAnulty
TELEPHONE	(334) 899-5156, ext.3640

REPORT MONTH **November**

There were no unit shutdowns or power reductions during the month.

The following major safety related maintenance was performed during the month:

The 1A service water pump tripped due to a ground fault on the motor which was subsequently replaced.

OPERATING DATA REPORT

DOCKET NO.	50-348
DATE	December 2, 1997
COMPLETED BY	M. W. McAnulty
TELEPHONE	(334) 899-5156, ext.3640

OPERATING STATUS

1. Unit Name: **Joseph M. Farley - Unit 1**
2. Reporting Period: November 1997
3. Licensed Thermal Power (MWt): 2,652
4. Nameplate Rating (Gross MWe): 860
5. Design Electrical Rat:ng (Net MWe): 829
6. Maximum Dependable Capacity (Gross MWe): 866
7. Maximum Dependable Capacity (Net MWe): 822
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: N/A
9. Power Level To Which Restricted, If Any (Net MWe): N/A
10. Reasons For Restrictions, If Any: N/A

Notes

1) Cumulative data since 12-01-77, date of commercial operation.

	This Month	Yr. to Date	Cumulative
11. Hours in Reporting Period	720.0	8,016.0	175,320.0
12. Number Of Hours Reactor Was Critical	720.0	6,092.9	141,537.6
13. Reactor Reserve Shutdown Hours	0.0	0.0	3,650.0
14. Hours Generator On-line	720.0	6,059.7	139,475.4
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,909,440.0	15,683,606.9	359,402,613.3
17. Gross Electrical Energy Generated (MWH)	630,047.0	5,114,457.0	116,126,035.0
18. Net Electrical Energy Generated (MWH)	599,115.0	4,830,529.0	109,712,485.0
19. Unit Service Factor	100.0	75.6	79.6
20. Unit Availability Factor	100.0	75.6	79.6
21. Unit Capacity Factor (Using MDC Net)	101.2	73.3	76.8
22. Unit Capacity Factor (Using DER Net)	100.4	72.7	75.5
23. Unit Forced Outage Rate	0.0	0.0	5.3

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

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	N/A	N/A
Initial Electricity	N/A	N/A
Commercial Operation	N/A	N/A

DOCKET NO.	50-348
UNIT	1
DATE	December 2, 1997
COMPLETED BY	M. W. McAnulty
TELEPHONE	(334) 899-5156 ext 3640

MONTH **November**

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	826	17	837
2	831	18	836
3	833	19	835
4	835	20	832
5	834	21	828
6	833	22	825
7	833	23	832
8	834	24	835
9	833	25	834
10	834	26	833
11	833	27	832
12	832	28	828
13	834	29	828
14	833	30	829
15	834	31	N/A
16	836		

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting period. Compute to the nearest whole megawatt.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.	50-348
UNIT NAME	J. M. Farley - Unit 1
DATE	December 2, 1997
COMPLETED BY	M. W. McAnulty
TELEPHONE	(334) 899-5156, ext.3640

REPORT MONTH **November**

NO.	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD (3)	LER #	SYSTEM CODE	COMPONENT CODE (5)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
There were no shutdowns or power reductions during the month.									

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)

EVENTS REPORTED INVOLVE A GREATER THAN 20% REDUCTION IN AVERAGE DAILY POWER LEVEL FOR THE PRECEDING 24 HOURS.

NARRATIVE SUMMARY OF OPERATIONS

		DOCKET NO.	50-364
		UNIT NAME	J. M. Farley - Unit 2
		DATE	December 2, 1997
		COMPLETED BY	M. W. McAnulty
REPORT MONTH	**November**	TELEPHONE	(334) 899-5156, ext.3640

There were no unit shutdowns or power reductions during the month.

There was no major safety related maintenance performed during the month.

OPERATING DATA REPORT

DOCKET NO.	50-364
DATE	December 2, 1997
COMPLETED BY	M. W. McAnulty
TELEPHONE	(334) 899-5156, ext.3640

OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 2
2. Reporting Period: November 1997
3. Licensed Thermal Power (MWt): 2,652
4. Nameplate Rating (Gross MWe): 860
5. Design Electrical Rating (Net MWe): 829
6. Maximum Dependable Capacity (Gross MWe): 863.6
7. Maximum Dependable Capacity (Net MWe): 822
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: N/A
9. Power Level To Which Restricted, If Any (Net MWe): N/A
10. Reasons For Restrictions, If Any: N/A

Notes

1) Cumulative data since 07-30-81, date of commercial operation.

	This Month	Yr. to Date	Cumulative
11. Hours in Reporting Period	720.0	8,016.0	143,233.0
12. Number Of Hours Reactor Was Critical	720.0	8,016.0	124,133.0
13. Reactor Reserve Shutdown Hours	0.0	0.0	138.0
14. Hours Generator On-line	720.0	8,016.0	122,386.9
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,908,803.5	21,160,652.7	312,608,746.9
17. Gross Electrical Energy Generated (MWH)	636,306.0	6,988,715.0	102,503,013.0
18. Net Electrical Energy Generated (MWH)	606,768.0	6,659,893.0	97,210,349.0
19. Unit Service Factor	100.0	100.0	85.4
20. Unit Availability Factor	100.0	100.0	85.4
21. Unit Capacity Factor (Using MDC Net)	102.5	101.1	82.7
22. Unit Capacity Factor (Using DER Net)	101.7	100.2	81.9
23. Unit Forced Outage Rate	0.0	0.0	3.5

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Refueling Outage scheduled for March 28, 1998 with a duration of 52 days.
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	N/A	N/A
Initial Electricity	N/A	N/A
Commercial Operation	N/A	N/A

DOCKET NO.	50-364
UNIT	2
DATE	December 2, 1997
COMPLETED BY	M. W. McAnulty
TELEPHONE	(334) 899-5156 ext 3640

MONTH **November**

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	829	17	848
2	841	18	847
3	846	19	845
4	847	20	844
5	845	21	837
6	844	22	833
7	844	23	843
8	845	24	846
9	844	25	847
10	843	26	845
11	844	27	843
12	844	28	840
13	842	29	838
14	840	30	840
15	844	31	N/A
16	847		

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting period. Compute to the nearest whole megawatt.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-364
UNIT NAME J. M. Farley Unit 2
DATE December 2, 1997
COMPLETED BY M. W. McAnulty
TELEPHONE (334) 899-5156, ext.3640

REPORT MONTH **November**

NO.	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD (3)	LER #	SYSTEM CODE	COMPONENT CODE (5)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
There were no shutdowns or power reductions during the month.									

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)

EVENTS REPORTED INVOLVE A GREATER THAN 20% REDUCTION IN AVERAGE DAILY POWER LEVEL FOR THE PRECEDING 24 HOURS.