

Southern Nuclear Operating Company  
Post Office Box 1295  
Birmingham, Alabama 35201  
Telephone (205) 868-5131



Dave Morey  
Vice President  
Farley Project

Southern Nuclear Operating Company  
*the southern electric system*

August 12, 1994

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 Data Report

Gentlemen:

Attached are the July 1994 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:jgp(mor)

Attachments

cc: Mr. S. D. Ebnetter  
Mr. B. L. Siegel  
Mr. T. M. Ross

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PDR ADOCK 0500034B  
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**Joseph M. Farley Nuclear Plant**  
**Unit 1**  
**Narrative Summary of Operations**  
**July 1994**

At 0138 on 07/02/94, the unit was ramped down to 15 percent power to modify the 1C reactor coolant pump motor so that future oil additions can be made to the lower oil reservoir without reducing power.

The unit was returned to 100 percent power at 2250 on 7/2/94.

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

# OPERATING DATA REPORT

DOCKET NO.	50-348
DATE	August 5, 1994
COMPLETED BY	R. D. Hill
TELEPHONE	(205) 899-5156

## OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 1

2. Reporting Period: July 1994

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): 855.7

7. Maximum Dependable Capacity (Net MWe): 812

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reason N/A

Notes

1) Cumulative data since 12-01-77, 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	744.0	5,087.0	146,087.0
12. Number Of Hours Reactor Was Critical	744.0	3,919.9	115,583.8
13. Reactor Reserve Shutdown Hours	0.0	0.0	3,650.0
14. Hours Generator On-line	744.0	3,874.3	113,780.9
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,946,859.7	9,911,808.2	292,404,213.4
17. Gross Electrical Energy Generated (MWH)	630,509.0	3,216,086.0	94,231,132.0
18. Net Electrical Energy Generated (MWH)	598,421.0	3,034,960.0	88,975,114.0
19. Unit Service Factor	100.0	76.2	77.9
20. Unit Availability Factor	100.0	76.2	77.9
21. Unit Capacity Factor (Using MDC Net)	99.1	73.5	74.8
22. Unit Capacity Factor (Using DER Net)	97.0	72.0	73.5
23. Unit Forced Outage Rate	0.0	0.0	6.2
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: N/A

26. Units In Test Status (Prior To Commercial Operation):

	Forecast	Achieved
Initial Criticality	08/06/77	08/09/77
Initial Electricity	08/20/77	08/18/77
Commercial Operation	12/01/77	12/01/77

DOCKET NO. 50-348  
UNIT 1  
DATE August 5, 1994  
COMPLETED BY R. D. Hill  
TELEPHONE (205) 899-5156

MONTH July

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	820	17	814
2	442	18	814
3	812	19	814
4	813	20	817
5	815	21	815
6	821	22	814
7	820	23	817
8	816	24	816
9	817	25	816
10	816	26	817
11	817	27	818
12	816	28	818
13	817	29	821
14	817	30	819
15	816	31	819
16	814		

#### 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 August 5, 1994

COMPLETED BY R. D. Hill

TELEPHONE (205) 899-5156

REPORT MONTH **July**

NO.	DATE	TYPE (1)	DURATION HOURS	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	LICENSEE EVENT REPORT #	SYSTEM CODE (4)	COMPONENT CODE (5)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
004	07/02/94	S	21.2	B	N/A	N/A	N/A	N/A	At 0138 on 7/2/94, the unit was ramped down to 15 percent power to modify the 1C reactor coolant pump motor so that future oil additions can be made without reducing power.  The unit was returned to 100 percent power at 2250 on 7/2/94.

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

Preparations of Date Entry

Sheets for Licensee Event

Report (LER) File (NUREG-0161)

5:

Exhibit I - Same Source

**Joseph M. Farley Nuclear Plant**  
**Unit 2**  
**Narrative Summary of Operations**  
**July 1994**

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

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

# OPERATING DATA REPORT

DOCKET NO.

50-364

DATE

August 5, 1994

COMPLETED BY

R. D. Hill

TELEPHONE

(205) 899-5156

## OPERATING STATUS

1. Unit Name: Joseph M. Farley - Unit 2  
 2. Reporting Period: July 1994  
 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 Reason N/A

### Notes

1) Cumulative data since 07-30-81, 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	744.0	5,087.0	114,000.0
12. Number Of Hours Reactor Was Critical	744.0	5,087.0	98,040.7
13. Reactor Reserve Shutdown Hours	0.0	0.0	138.0
14. Hours Generator On-line	744.0	5,087.0	96,648.8
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,973,016.9	13,422,349.4	246,957,702.2
17. Gross Electrical Energy Generated (MWH)	643,528.0	4,421,273.0	80,970,734.0
18. Net Electrical Energy Generated (MWH)	613,152.0	4,212,505.0	76,787,594.0
19. Unit Service Factor	100.0	100.0	84.8
20. Unit Availability Factor	100.0	100.0	84.8
21. Unit Capacity Factor (Using MDC Net)	100.3	100.7	82.1
22. Unit Capacity Factor (Using DER Net)	99.4	99.9	81.3
23. Unit Forced Outage Rate	0.0	0.0	4.0
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:

N/A

26. Units In Test Status (Prior To Commercial Operation):

Forecast

Achieved

Initial Criticality

05/06/81

05/08/81

Initial Electricity

05/24/81

05/25/81

Commercial Operation

08/01/81

07/30/81

DOCKET NO.	50-364
UNIT	2
DATE	August 5, 1994
COMPLETED BY	R. D. Hill
TELEPHONE	(205) 899-5156

MONTH July

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	827	17	822
2	823	18	822
3	854	19	823
4	821	20	826
5	822	21	823
6	827	22	824
7	828	23	826
8	823	24	824
9	824	25	824
10	824	26	865
11	825	27	866
12	824	28	826
13	823	29	826
14	824	30	826
15	824	31	827
16	821		

#### 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 August 5, 1994

COMPLETED BY R. D. Hill

TELEPHONE (205) 899-5156

REPORT MONTH **July**

1

2

3

4

5.

F: Forced

Reason

## Method

Exhibit G- Instructions for

Exhibit I - Same Source

S: Scheduled

A - Equipment Failure (Explain)

1 - Manual

### Preparations of Date Entry

B - Maintenance or Test

2 - Manual Scram

Sheets for Licensee Event

### C - Refueling

### 3 - Automatic Scram

Report (LER) File (NUREG-0161)

D - Regulatory Restriction

4 - Other (Explain)

### E - Operator Training & License Examination

F - Administrative

G - Operational Error (Explain)

H - Other (Explain)