

Southern Nuclear Operating Company  
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J. D. Woodard  
Executive Vice President

Southern Nuclear Operating Company  
*the southern electric system*

November 10, 1994

Docket Nos. 50-348  
50-364

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

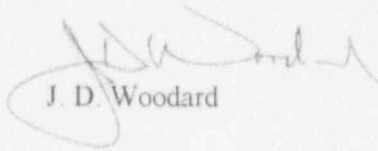
Joseph M. Farley Nuclear Plant  
Monthly Operating Data Report

Gentlemen:

Attached are the October 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,



J. D. Woodard

RWC:jgp

Attachments

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

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Joseph M. Farley Nuclear Plant  
Unit 1  
Narrative Summary of Operations  
October 1994

There were no unit shutdowns during the month.

At 1800 on 10/6/94, the unit was ramped down to 53 percent power to replace belts on the generator isophase bus duct cooling system.

The unit was returned to 100 percent power at 0900 on 10/7/94.

# OPERATING DATA REPORT

DOCKET NO.	50-348
DATE	November 7, 1994
COMPLETED BY	R. D. Hill
TELEPHONE	(205) 899-5156

## OPERATING STATUS

1. Unit Name:	Joseph M. Farley - Unit 1
2. Reporting Period:	October 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 Reasons:	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	745.0	7,296.0	148,296.0
12. Number Of Hours Reactor Was Critical	745.0	6,128.9	117,792.8
13. Reactor Reserve Shutdown Hours	0.0	0.0	3,650.0
14. Hours Generator On-line	745.0	6,083.3	115,989.9
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,966,908.8	15,761,152.2	298,253,557.4
17. Gross Electrical Energy Generated (MWH)	643,716.0	5,121,760.0	96,136,806.0
18. Net Electrical Energy Generated (MWH)	611,766.0	4,845,660.0	90,785,814.0
19. Unit Service Factor	100.0	83.4	78.2
20. Unit Availability Factor	100.0	83.4	78.2
21. Unit Capacity Factor (Using MDC Net)	101.1	81.8	75.1
22. Unit Capacity Factor (Using DER Net)	99.1	80.1	73.8
23. Unit Forced Outage Rate	0.0	0.0	6.1
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 Start-up:	N/A
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26. Units In Test Status (Prior To Commercial Operation):	Forecast	Achieved
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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	November 7, 1994
COMPLETED BY	R. D. Hill
TELEPHONE	(205) 899-5156

MONTH October

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	818	17	830
2	806	18	828
3	818	19	824
4	826		822
5	827	21	820
6	760	22	823
7	776	23	824
8	819	24	828
9	818	25	829
10	822	26	831
11	830	27	833
12	829	28	833
13	826	29	831
14	825	30	824
15	829	31	821
16	828		

#### 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 November 7, 1994  
COMPLETED BY R. D. Hill  
TELEPHONE (205) 899-5156

REPORT MONTH October

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
005	10/06/94	F	15.0	A	N/A	N/A	EL	IPBU	At 1800 on 10/6/94, the unit was ramped down to 53 percent power to replace belts on the generator isophase bus duct cooling system.  The unit was returned to 100 percent power at 0900 on 10/7/94.

- 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-0151)
- 5: Exhibit I - Same Source

Joseph M. Farley Nuclear Plant  
Unit 2  
Narrative Summary of Operations  
October 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

<b>DOCKET NO.</b>	50-364
<b>DATE</b>	November 7, 1994
<b>COMPLETED BY</b>	R. D. Hill
<b>TELEPHONE</b>	(205) 899-5156

## OPERATING STATUS

- |   |                           |
|---|---------------------------|
| 1. Unit Name:   | Joseph M. Farley - Unit 2 |
| 2. Reporting Period:  | October 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 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	745.0	7,296.0	116,209.0
12. Number Of Hours Reactor Was Critical	745.0	7,282.0	100,235.7
13. Reactor Reserve Shutdown Hours	0.0	0.0	138.0
14. Hours Generator On-line	745.0	7,264.8	98,826.6
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,975,737.4	19,189,423.1	252,724,775.9
17. Gross Electrical Energy Generated (MWH)	651,169.0	6,311,805.0	82,861,266.0
18. Net Electrical Energy Generated (MWH)	621,025.0	6,013,337.0	78,588,426.0
19. Unit Service Factor	100.0	99.6	85.0
20. Unit Availabilty Factor	100.0	99.6	85.0
21. Unit Capacity Factor (Using MDC Net)	101.4	100.3	82.4
22. Unit Capacity Factor (Using DER Net)	100.6	99.4	81.6
23. Unit Forced Outage Rate	0.0	0.4	4.0
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <i>Refueling/Maintenance outage, March 10, 1995. Approximately 39 days.</i>			
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	November 7, 1994
COMPLETED BY	R. D. Hill
TELEPHONE	(205) 899-5156

MONTH October

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	832	17	838
2	824	18	836
3	822	19	833
4	836	20	828
5	835	21	828
6	832	22	831
7	828	23	833
8	826	24	837
9	830	25	839
10	838	26	841
11	838	27	843
12	835	28	843
13	835	29	841
14	834	30	834
15	837	31	828
16	839		

#### 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 November 7, 1994

COMPLETED BY R. D. Hill

TELEPHONE (205) 899-5156

REPORT MONTH **October**

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 - Out of (Explain)

4

Exhibit G- Instructions for

### Preparations of Date Entry

### Sheets for Licensee Event

Report (LER) File (NUREG-0161)

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Exhibit I - Same Source