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Southern Nuclear Operating Company
the southern electric system

Dave Morey
Vice President
Farley Project

April 13, 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 March 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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**Joseph M. Farley Nuclear Plant
Unit 1
Narrative Summary of Operations
March 1994**

The unit was taken off line at 2327 on March 4, 1994, for the cycle 12-13 refueling outage.

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

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

1. Performed miscellaneous corrective and preventive maintenance on the diesel generators.
2. Defueled the reactor. Completed visual inspection of the fuel assemblies during off-load. Also performed fuel sipping of assemblies. One fuel assembly determined to have a cladding leak as part of this testing. The core was redesigned to exclude the leaking assembly. Refueled the reactor.
3. Inspected various safety related check valves and motor operated valves.
4. Functionally tested various mechanical and hydraulic snubbers.
5. Performed various local leak rate tests and a containment integrated leak rate test.

OPERATING DATA REPORT

DOCKET NO.	50-348
DATE	April 6, 1994
COMPLETED BY	R. D. Hill
TELEPHONE	(205) 899-5156

OPERATING STATUS

- | | | |
|-----|--|---------------------------|
| 1. | Unit Name: | Joseph M. Farley - Unit 1 |
| 2. | Reporting Period: | March 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 | |
| 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	744.0	2,160.0	143,160.0
12.	Number Of Hours Reactor Was Critical	95.7	1,511.7	113,175.6
13.	Reactor Reserve Shutdown Hours	0.0	0.0	3,650.0
14.	Hours Generator On-line	95.5	1,511.5	111,418.1
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWH)	227,593.3	3,961,502.2	286,453,907.4
17.	Gross Electrical Energy Generated (MWH)	73,992.0	1,290,024.0	92,305,070.0
18.	Net Electrical Energy Generated (MWH)	65,118.0	1,220,230.0	87,160,384.0
19.	Unit Service Factor	12.8	70.0	77.8
20.	Unit Availability Factor	12.8	70.0	77.8
21.	Unit Capacity Factor (Using MDC Net)	10.8	69.6	74.7
22.	Unit Capacity Factor (Using DER Net)	10.6	68.1	73.4
23.	Unit Forced Outage Rate	0.0	0.0	6.3
24.	Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Refueling/Maintenance Outage started March 4, 1994. Approximately 50 days.			
25.	If Shut Down at End Of Report Period, Estimated Date of Startup:	April 21, 1994		
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 I
 DATE April 6, 1994
 COMPLETED BY R. D. Hill
 TELEPHONE (205) 899-5156

MONTH MARCH

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	765	17	0
2	757	18	0
3	755	19	0
4	633	20	0
5	0	21	0
6	0	22	0
7	0	23	0
8	0	24	0
9	0	25	0
10	0	26	0
11	0	27	0
12	0	28	0
13	0	29	0
14	0	30	0
15	0	31	0
16	0		

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 April 6, 1994

COMPLETED BY R. D. Hill

TELEPHONE (205) 899-5156

REPORT MONTH March

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
001	03/04/94	S	648.5	C	I	N/A	N/A	N/A	At 2327, on 03/04/94, the Unit was taken off line for the Cycle 12-13 Refueling Outage.

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
March 1994

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

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

1. Performed miscellaneous corrective and preventive maintenance on the diesel generators.

OPERATING DATA REPORT

DOCKET NO.	50-364
DATE	April 6, 1994
COMPLETED BY	R. D. Hill
TELEPHONE	(205) 899-5156

OPERATING STATUS

- | | | |
|-----|--|---------------------------|
| 1. | Unit Name: | Joseph M. Farley - Unit 2 |
| 2. | Reporting Period: | March 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 | |
| 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	744.0	2,160.0	111,073.0
12. Number Of Hours Reactor Was Critical	744.0	2,160.0	95,113.7
13. Reactor Reserve Shutdown Hours	0.0	0.0	138.0
14. Hours Generator On-line	744.0	2,160.0	93,721.8
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,962,547.9	5,688,457.7	239,223,810.5
17. Gross Electrical Energy Generated (MWH)	650,137.0	1,887,897.0	78,437,358.0
18. Net Electrical Energy Generated (MWH)	619,589.0	1,799,219.0	74,374,308.0
19. Unit Service Factor	100.0	100.0	84.4
20. Unit Availability Factor	100.0	100.0	84.4
21. Unit Capacity Factor (Using MDC Net)	101.3	101.3	81.6
22. Unit Capacity Factor (Using DER Net)	100.5	100.5	80.8
23. Unit Forced Outage Rate	0.0	0.0	4.1
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:	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	April 6, 1994
COMPLETED BY	R. D. Hill
TELEPHONE	(205) 899-5156

MONTH MARCH

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	831	17	839
2	834	18	832
3	837	19	832
4	837	20	829
5	834	21	826
6	834	22	834
7	833	23	830
8	834	24	827
9	830	25	829
10	838	26	831
11	840	27	824
12	823	28	831
13	834	29	837
14	836	30	837
15	832	31	838
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. 50-364
 UNIT NAME J. M. Farley - Unit 2
 DATE April 6, 1994
 COMPLETED BY R. D. Hill
 TELEPHONE (205) 899-5156

REPORT MONTH March

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
There were no shutdowns or power reductions during the month of March.									

- | | | | | |
|--------------|---|---------------------|--|-------------------------|
| 1: | 2: | 3: | 4: | 5: |
| F: Forced | Reason | Method | Exhibit G- Instructions for
Preparations of Date Entry
Sheets for Licensee Event
Report (LER) File (NUREG-0161) | Exhibit I - Same Source |
| S: Scheduled | A - Equipment Failure (Explain) | 1 - Manual | | |
| | B - Maintenance or Test | 2 - Manual Scram | | |
| | C - Refueling | 3 - Automatic Scram | | |
| | D - Regulatory Restriction | 4 - Other (Explain) | | |
| | E - Operator Training & License Examination | | | |
| | F - Administrative | | | |
| | G - Operational Error (Explain) | | | |
| | H - Other (Explain) | | | |