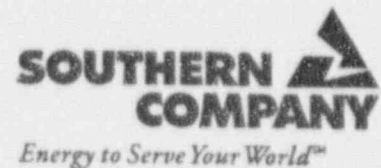


Dave Morey
Vice President
Farley Project

Southern Nuclear
Operating Company
P.O. Box 1295
Birmingham, Alabama 35201
Tel 205.992.5131

August 11, 1997



Docket Nos. 50-348
50-364

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

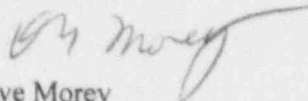
Joseph M. Farley Nuclear Plant
Monthly Operating Report

Ladies and Gentlemen:

Attached are the July 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

IE24/1

9708190322 970731
PDR ADDCK 05000348
R PDR



Joseph M. Farley Nuclear Plant
Unit 1
Narrative Summary of Operations
July 1997

At 1051 on July 29, 1997, with the unit in mode 1, operating at 100% reactor power, the unit was ramped to approximately 62% reactor power to remove the 1A steam generator feed pump (SGFP) from service due to the SGFP high pressure and low pressure (LP) governor valves cycling and speed increasing with no change in plant load. The 1A SGFP was secured and an investigation determined that the speed converter (Tach Pack) had malfunctioned. The Tach Pack was replaced.

All repairs were completed and the unit was returned to 100% reactor power at 0006 on July 31, 1997.

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

18 month maintenance outage was performed on the 2C Diesel Generator (Station Blackout AAC source). This included replacement of the tube bundles for the intercooler, jacket water, and lube oil heat exchangers and replacement of the #12 cylinder liner due to a jacket water leak.

OPERATING DATA REPORT

DOCKET NO.	50-348
DATE	August 4, 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: | July 1997 |
| 3. Licensed Thermal Power (MWt): | 2,652 |
| 4. Nameplate Rating (Gross MWe): | 150 |
| 5. Design Electrical Rating (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 |

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	172,391.0
12. Number Of Hours Reactor Was Critical	744.0	3,163.9	138,608.6
13. Reactor Reserve Shutdown Hours	0.0	0.0	3,650.0
14. Hours Generator On-line	744.0	3,130.7	136,546.4
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,938,744.6	7,916,641.5	351,635,647.9
17. Gross Electrical Energy Generated (MWH)	627,665.0	2,575,640.0	113,587,218.0
18. Net Electrical Energy Generated (MWH)	595,399.0	2,418,182.0	107,300,138.0
19. Unit Service Factor	100.0	61.5	79.2
20. Unit Availability Factor	100.0	61.5	79.2
21. Unit Capacity Factor (Using MDC Net)	97.4	57.8	76.4
22. Unit Capacity Factor (Using DER Net)	96.5	57.3	75.1
23. Unit Forced Outage Rate	0.0	0.0	5.4
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 August 4, 1997
 COMPLETED BY M. W. McNulty
 TELEPHONE (334) 899-5156 ext 3640

MONTH July

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	819	17	817
2	815	18	819
3	809	19	815
4	808	20	811
5	815	21	814
6	818	22	817
7	819	23	814
8	818	24	814
9	815	25	815
10	814	26	815
11	816	27	814
12	819	28	817
13	816	29	638
14	817	30	515
15	819	31	819
16	818		

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 4, 1907

COMPLETED BY M. W. McNulty

TELEPHONE (334) 899-5156, ext.3640

REPORT MONTH July

NO.	DATE	T Y P E (1)	DURATION (HOURS) (2)	R E A S O N (3)	M E T H O D (4)	LER #	S Y S T E M (5)	COMPONENT CODE (5)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
004	970729	F	0	A	4	N/A	JK	SC	At 1051 on 970729, with the unit in mode 1, operating at 100% reactor power, the unit was ramped to approximately 62% reactor power due to the 1A steam generator feed pump (SGFP) governor valves cycling and speed increasing with no change in plant load. It was determined that the speed converter (Tach Pack) had malfunctioned. The Tach Pack was replaced. All repairs were completed and the unit was returned to 100% reactor power at 0006 on 970731.

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.

Joseph M. Farley Nuclear Plant
Unit 2
Narrative Summary of Operations
July 1997

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	August 4, 1997
COMPLETED BY	M. W. McNulty
TELEPHONE	(334) 899-5156, ext.3640

OPERATING STATUS

1. Unit Name: **Joseph M. Farley - Unit 2**
2. Reporting Period: **July 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	744.0	5,087.0	140,304.0
12. Number Of Hours Reactor Was Critical	744.0	5,087.0	121,204.0
13. Reactor Reserve Shutdown Hours	0.0	0.0	138.0
14. Hours Generator On-line	744.0	5,087.0	119,457.9
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,973,008.4	13,395,092.9	304,843,187.1
17. Gross Electrical Energy Generated (MWH)	643,729.0	4,425,339.0	99,939,637.0
18. Net Electrical Energy Generated (MWH)	612,879.0	4,217,453.0	94,767,909.0
19. Unit Service Factor	100.0	100.0	85.1
20. Unit Availability Factor	100.0	100.0	85.1
21. Unit Capacity Factor (Using MDC Net)	100.2	100.9	82.3
22. Unit Capacity Factor (Using DER Net)	99.4	100.0	81.5
23. Unit Forced Outage Rate	0.0	0.0	3.6
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. 50-364
 UNIT 2
 DATE August 4, 1997
 COMPLETED BY M. W. McAnulty
 TELEPHONE (334) 899-5156 ext 3640

MONTH July

DAY	AVERAGE DAILY POWER LEVEL (MW-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	823	17	828
2	820	18	830
3	815	19	824
4	815	20	820
5	823	21	823
6	826	22	824
7	827	23	821
8	828	24	821
9	824	25	825
10	823	26	825
11	825	27	822
12	826	28	825
13	823	29	826
14	825	30	825
15	827	31	824
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. 50-364

UNIT NAME J. M. Farley - Unit 2

DATE August 4, 1997

COMPLETED BY M. W. McAnulty

TELEPHONE (334) 899-5156, ext.3640

REPORT MONTH **July**

NO.	DATE	T Y P E (1)	DURATION (HOURS) (2)	R E A S O N (2)	M E T H O D (3)	L E R #	S Y S C T O R I E S M E	C O M P O N E N T C O D E (5)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
There were no shutdowns or power reductions during the month.									

14

2

3.

F: Forced

Reason

Method

EVENTS REPORTED

S: Scheduled

A - Equipment Failure (Explain)

1 - Manual

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

S: Scheduled

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)