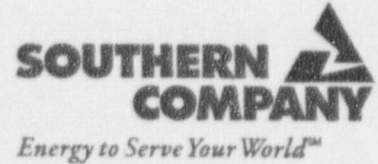


Dave Morey
Vice President
Farley Project

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



October 8, 1998

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:

Enclosed are the September 1998 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,

A handwritten signature in black ink, appearing to read "DM Morey".

Dave Morey

RWC:(mor)

Enclosures

- E1 - September Monthly Operating Report for Plant Farley Unit 1
- E2 - September Monthly Operating Report for Plant Farley Unit 2

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

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OPERATING DATA REPORT

DOCKET NO.:	50-348
UNIT NAME:	J. M. Farley - Unit 1
DATE:	October 5, 1998
COMPLETED BY:	A. H. Curlington
TELEPHONE:	(334) 794-6431 ext. 3399

OPERATING STATUS

- | | |
|---|-----------------------|
| 1. Reporting Period: | SEPTEMBER 1998 |
| 2. Design Electrical Rating (Net MWe): | 829 |
| 3. Maximum Dependable Capacity (Net MWe): | 822 |

	This Month	Year to Date	Cumulative
4. Number Of Hours Reactor Was Critical:	648.8	6,121.9	148,403.5
5. Hours Generator On-line:	612.4	6,085.4	146,304.8
6. Unit Reserve Shutdown Hours:	0.0	0.0	0.0
7. Net Electrical Energy Generated (MWH):	447,507.0	4,919,504.0	115,219,832.0

CHALLENGES TO PRESSURIZER PORV OR PRESSURIZER SAFETY VALVES

Date	Tag No.	Event Description
		There were no challenges to Pressurizer PORV or Pressurizer Safety Valves.

UNIT SHUTDOWNS

DOCKET NO.: 50-348
UNIT NAME: J. M. Farley - Unit 1
DATE: October 5, 1998
COMPLETED BY: A. H. Curlington
TELEPHONE: (334) 794-6431 ext. 3399

REPORTING PERIOD: SEPTEMBER 1998

No.	Date	Type	Duration (Hours)	Reason (1)	Method of Shutting Down (2)	Cause/Corrective Actions Comments
		F: Forced S: Scheduled				
1	980817	F	79.1	A	1	SEE BELOW
2	980909	F	28.5	A	3	SEE BELOW

(1) 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)

(2) METHOD:

- 1 - Manual
- 2 - Manual Trip/Scram
- 3 - Automatic Trip/Scram
- 4 - Continuation
- 5 - Other (Explain)

CAUSE/CORRECTIVE ACTION/COMMENTS

1. At 0206 on 980817, the unit was shut down due to 1B steam generator tube leakage. Reference Voluntary LER 98-002-00 (Unit 1) dated 980903. Inspection and tube plugging in 1B steam generator was completed. The unit was synchronized to the grid at 0706 on 980904. The unit was returned to 100% reactor power at 0133 on 980907.
2. At 0516 on 980909, the unit experienced a turbine trip causing a consequent automatic reactor trip due to a card failure on the Solid State Reactor Protection System. The failed card was replaced, and the unit was synchronized to the grid at 0944 on 980910. The unit was returned to 100% reactor power at 1146 on 980812. Reference LER 98-004-00 (Unit 1) dated 980928.

NARRATIVE REPORT

The forced outage due to 1B steam generator tube leakage was completed. All identified 1B steam generator tube leakage was plugged, and the unit was returned to power operation. The unit also experienced a turbine trip causing a consequent automatic reactor trip due to a card failure on the Solid State Reactor Protection System. The failed card was replaced and the unit was returned to power operation.

OPERATING DATA REPORT

DOCKET NO.:	50-364
UNIT NAME:	J. M. Farley - Unit 2
DATE:	October 5, 1998
COMPLETED BY:	A. H. Curlington
TELEPHONE:	(334) 794-6431 ext. 3399

OPERATING STATUS

1. Reporting Period:	SEPTEMBER 1998
2. Design Electrical Rating (Net MWe):	829
3. Maximum Dependable Capacity (Net MWe):	852

	This Month	Year to Date	Cumulative
4. Number Of Hours Reactor Was Critical:	720.0	5,342.4	130,259.4
5. Hours Generator On-line:	720.0	5,305.5	128,436.4
6. Unit Reserve Shutdown Hours:	0.0	0.0	0.0
7. Net Electrical Energy Generated (MWH):	575,719.0	4,383,886.0	102,215,250.0

CHALLENGES TO PRESSURIZER PORV OR PRESSURIZER SAFETY VALVES

Date	Tag No.	Event Description
		There were no challenges to Pressurizer PORV or Pressurizer Safety Valves.

UNIT SHUTDOWNS

DOCKET NO.: 50-364
UNIT NAME: J. M. Farley - Unit 2
DATE: October 5, 1998
COMPLETED BY: A. H. Curlington
TELEPHONE: (334) 794-6431 ext. 3399

REPORTING PERIOD: SEPTEMBER 1998

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason (1)	Method of Shutting Down (2)	Cause/Corrective Actions Comments
						There were no unit shutdowns during the month.

(1) 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)

(2) METHOD:

- 1 - Manual
- 2 - Manual Trip/Scram
- 3 - Automatic Trip/Scram
- 4 - Continuation
- 5 - Other (Explain)

CAUSE/CORRECTIVE ACTION/COMMENTS

NARRATIVE REPORT

At 2325 on 980925, with the unit operating at 100% reactor power, the unit was ramped to 15% reactor power to perform a chemistry flush of the steam generator. Flushing was completed and the unit was returned to 100% reactor power at 1153 on 980928.