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March 13, 2001

Docket Nos.: 50-348  
50-364



U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D. C. 20555-0001

Joseph M. Farley Nuclear Plant  
Monthly Operating Report

Ladies and Gentlemen:

Enclosed are the February 2001 Monthly Operating Reports for Joseph M. Farley Nuclear Plant Units 1 and 2, as required by Section 5.6.4 of the Technical Specifications.

If you have any questions, please advise.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read "Dave Morey", is written over a horizontal line.

Dave Morey

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Enclosures:

1. February Monthly Operating Report for Plant Farley Unit 1
2. February Monthly Operating Report for Plant Farley Unit 2

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U. S. Nuclear Regulatory Commission

cc: Southern Nuclear Operating Company  
Mr. L. M. Stinson, General Manager

U. S. Nuclear Regulatory Commission, Washington, D. C.  
Mr. F. Rinaldi, Licensing Project Manager – Farley

U. S. Nuclear Regulatory Commission, Region II  
Mr. L. A. Reyes, Regional Administrator  
Mr. T. P. Johnson, Senior Resident Inspector – Farley

## OPERATING DATA REPORT

DOCKET NO.: 50-348  
UNIT NAME: J. M. Farley - Unit 1  
DATE: March 5, 2001  
COMPLETED BY: W. L. Marlar  
TELEPHONE: (334) 814-4554

### OPERATING STATUS

1. Reporting Period: FEBRUARY 2001  
2. Design Electrical Rating (Net MWe): 854  
3. Maximum Dependable Capacity (Net MWe): 833

	<u>This Month</u>	<u>Year to Date</u>	<u>Cumulative</u>
4. Number Of Hours Reactor Was Critical:	<u>672.0</u>	<u>1,416.0</u>	<u>165,853.7</u>
5. Hours Generator On-line:	<u>672.0</u>	<u>1,416.0</u>	<u>163,647.2</u>
6. Unit Reserve Shutdown Hours:	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
7. Net Electrical Energy Generated (MWH):	<u>558,039.0</u>	<u>1,193,219.0</u>	<u>129,153,636.0</u>

### CHALLENGES TO PRESSURIZER PORV OR PRESSURIZER SAFETY VALVES

Date	Tag No.	Event Description
		At 1233 on 010213 PORV 444 lifted for a brief period of time estimated to be between five and ten seconds and then closed without any operator action. This occurred as maintenance personnel were preparing to perform maintenance on the Reactor Protection System instrumentation. No safety valves lifted. This PORV did not operate to relieve a high pressure condition. The minimum pressurizer pressure was 2155 psig. The cause was attributed to an intermittent loss of power to a Reactor Protection system instrumentation circuit card.

## UNIT SHUTDOWNS

DOCKET NO.: 50-348

UNIT NAME: J. M. Farley - Unit 1

DATE: March 5, 2001

COMPLETED BY: W. L. Marlar

TELEPHONE: (334) 814-4554

REPORTING PERIOD: **FEBRUARY 2001**

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 2200 on 010215 the unit was ramped down to approximately 63% power to repair a Steam Generator Feed Pump lube oil temperature control problem. The unit was returned to 100% power at 2151 on 010217.

## OPERATING DATA REPORT

**DOCKET NO.:** 50-364  
**UNIT NAME:** J. M. Farley - Unit 2  
**DATE:** March 5, 2001  
**COMPLETED BY:** W. L. Marlar  
**TELEPHONE:** (334) 814-4554

### OPERATING STATUS

1. Reporting Period: FEBRUARY 2001  
2. Design Electrical Rating (Net MWe): 855  
3. Maximum Dependable Capacity (Net MWe): 842

	<u>This Month</u>	<u>Year to Date</u>	<u>Cumulative</u>
4. Number Of Hours Reactor Was Critical:	<u>552.8</u>	<u>1,296.8</u>	<u>149,806.3</u>
5. Hours Generator On-line:	<u>552.1</u>	<u>1,296.1</u>	<u>147,920.1</u>
6. Unit Reserve Shutdown Hours:	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
7. Net Electrical Energy Generated (MWH):	<u>466,477.0</u>	<u>1,103,598.0</u>	<u>117,918,684.0</u>

### 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: March 5, 2001

COMPLETED BY: W. L. Marlar

TELEPHONE: (334) 814-4554

REPORTING PERIOD: **FEBRUARY 2001**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason (1)	Method of Shutting Down (2)	Cause/Corrective Actions Comments
1	010224	S	119.9	C	1	At 0004 on 010224 the unit was taken off line for the fourteenth refueling outage.

(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 0735 on 010223 Unit 2 started derating from 100% power due to power coastdown prior to a normal refueling outage. At 1700 on 010223 the unit was ramped down and taken off line at 0004 on 010224. The unit entered Mode 5 at 1235 on 010224.