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January 10, 2000

Docket Nos.: 50-348  
50-364



NEL-00-0008

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 December 1999 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 that reads "Dave Morey".

Dave Morey

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Enclosures:

1. December Monthly Operating Report for Plant Farley Unit 1
2. December 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. L. M. Padovan, 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:** January 4, 2000  
**COMPLETED BY:** W. L. Marlar  
**TELEPHONE:** (334) 814-4554

## OPERATING STATUS

1. Reporting Period: DECEMBER 1999  
 2. Design Electrical Rating (Net MWe): 854  
 3. Maximum Dependable Capacity (Net MWe): 847

|   | <u>This Month</u> | <u>Year to Date</u> | <u>Cumulative</u> |
|---|-------------------|---------------------|-------------------|
| 4. Number Of Hours Reactor Was Critical:  | 744.0             | 8,722.2             | 157,625.4         |
| 5. Hours Generator On-line:               | 744.0             | 8,695.6             | 155,455.3         |
| 6. Unit Reserve Shutdown Hours:           | 0.0               | 0.0                 | 0.0               |
| 7. Net Electrical Energy Generated (MWH): | 622,457.0         | 7,226,516.0         | 122,760,833.0     |

## 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:** January 4, 2000  
**COMPLETED BY:** W. L. Marlar  
**TELEPHONE:** (334) 814-4554

**REPORTING PERIOD:** DECEMBER 1999

| No. | Date | Type<br>F: Forced<br>S: Scheduled | Duration<br>(Hours) | Reason<br>(1) | Method of<br>Shutting Down<br>(2) | Cause/Corrective Actions<br>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 2315 on 991222, with the unit operating at 100% reactor power, the unit was ramped to 65% reactor power for 1A Steam Generator Feed Pump Lube Oil System repairs. Repairs were completed and the unit was returned to 100% power at 1207 on 991224. At 1000 on 991228 with the unit operating at 100% reactor power, the unit was ramped to 98.5% reactor power for trouble-shooting 6A Feedwater Heater Drain Valve. Trouble-shooting was completed and the unit returned to 100% power at 1311 on 991228.

# OPERATING DATA REPORT

**DOCKET NO.:** 50-364  
**UNIT NAME:** J. M. Farley - Unit 2  
**DATE:** January 4, 2000  
**COMPLETED BY:** W. L. Marlar  
**TELEPHONE:** (334) 814-4554

## OPERATING STATUS

1. Reporting Period: DECEMBER 1999  
 2. Design Electrical Rating (Net MWe): 855  
 3. Maximum Dependable Capacity (Net MWe): 852

|   | <u>This Month</u> | <u>Year to Date</u> | <u>Cumulative</u> |
|---|-------------------|---------------------|-------------------|
| 4. Number Of Hours Reactor Was Critical:  | 436.6             | 7,290.4             | 139,758.8         |
| 5. Hours Generator On-line:               | 401.0             | 7,242.4             | 137,887.8         |
| 6. Unit Reserve Shutdown Hours:           | 0.0               | 0.0                 | 0.0               |
| 7. Net Electrical Energy Generated (MWH): | 285,293.0         | 5,353,242.0         | 109,452,528.0     |

## CHALLENGES TO PRESSURIZER PORV OR PRESSURIZER SAFETY VALVES

| Date | Tag No. | Event Description  |
|------|---------|--|
|      |         | On 991212 PORV 444B lifted. No safety valves lifted.<br>This occurred during the return to power after U2RF13 when placing the pressurizer pressure controller PK444A in auto.<br>The cause was attributed to controller windup. |

# UNIT SHUTDOWNS

**DOCKET NO.:** 50-364  
**UNIT NAME:** J. M. Farley - Unit 2  
**DATE:** January 4, 2000  
**COMPLETED BY:** W. L. Marlar  
**TELEPHONE:** (334) 814-4554

**REPORTING PERIOD:** DECEMBER 1999

| No. | Date   | Type<br>F: Forced<br>S: Scheduled | Duration<br>(Hours) | Reason<br>(1) | Method of<br>Shutting Down<br>(2) | Cause/Corrective Actions<br>Comments                     |
|-----|--------|-----------------------------------|---------------------|---------------|-----------------------------------|--|
| 2   | 991016 | S                                 | 343.0               | C             | 1                                 | The thirteenth refueling outage was completed on 991215. |

**(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**

The following refueling activities were completed:

- 1) Steam Generator eddy current testing.
  - 2) Baffle former bolt inspection and replacement.
  - 3) Guide Tube Support Pin replacement.
  - 4) 10 Year Reactor Vessel ISI
  - 5) Steam Generator Replacement N-1 Outage Modifications
- On 991215 at 0700 the U2RF13 outage was completed and the unit was synchronized to the grid.