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Vice President

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October 8, 2002

Docket Nos.: 50-348  
50-364



*Energy to Serve Your World<sup>SM</sup>*

NEL-02-0205

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 September 2002 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 black ink, appearing to read "J. B. Beasley, Jr." with a stylized flourish at the end.

J. B. Beasley, Jr.

RWC:mor

Enclosures:

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

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U. S. Nuclear Regulatory Commission

cc: Southern Nuclear Operating Company  
Mr. D. E. Grissette, 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: October 3, 2002  
COMPLETED BY: W. L. Marlar  
TELEPHONE: (334) 814-4554

### OPERATING STATUS

1. Reporting Period: SEPTEMBER 2002  
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>720.0</u>      | <u>6,520.1</u>      | <u>178,766.0</u>     |
| 5. Hours Generator On-line:               | <u>720.0</u>      | <u>6,504.0</u>      | <u>176,472.2</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>595,698.0</u>  | <u>5,430,258.0</u>  | <u>139,783,204.0</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.: 50-348

UNIT NAME: J. M. Farley - Unit 1

DATE: October 3, 2002

COMPLETED BY: W. L. Marlar

TELEPHONE: (334) 814-4554

REPORTING PERIOD: SEPTEMBER 2002

| No. | Date<br>(YYMMDD) | 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

There were no significant power reductions this period.

## OPERATING DATA REPORT

DOCKET NO.: 50-364  
UNIT NAME: J. M. Farley - Unit 2  
DATE: October 3, 2002  
COMPLETED BY: W. L. Marlar  
TELEPHONE: (334) 814-4554

### OPERATING STATUS

1. Reporting Period: SEPTEMBER 2002  
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>313.1</u>      | <u>6,144.1</u>      | <u>161,629.7</u>     |
| 5. Hours Generator On-line:               | <u>312.0</u>      | <u>6,143.0</u>      | <u>159,688.8</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>250,103.0</u>  | <u>5,177,998.0</u>  | <u>127,760,077.0</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: October 3, 2002

COMPLETED BY: W. L. Marlar

TELEPHONE: (334) 814-4554

REPORTING PERIOD: SEPTEMBER 2002

| No. | Date<br>(YYMMDD) | 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   |
|-----|------------------|-----------------------------------|---------------------|---------------|-----------------------------------|--|
| 1   | 020914           | S                                 | 408.0               | C             | 1                                 | At 0001 on September 14, the unit was taken off-line for the fifteenth 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 1648 on September 6, Unit 2 started derating from 100% power due to power coastdown prior to a normal refueling outage. At 1830 on September 13, with the unit at approximately 91% power, the unit was ramped down and taken off-line at 0001 on September 14 for the fifteenth refueling outage. At 0107 on September 14, the reactor was shutdown and at 1813 on September 21 the core unload was completed. Normal refueling activities remained in progress with the reactor defueled through the end of September.