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January 12, 2005

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 Reports

Ladies and Gentlemen:

Enclosed are the December 2004 Monthly Operating Reports as required by section 5.6.4 of the Technical Specifications.

If you have any questions, please advise.

Sincerely,

L. M. Stinson

LMS/LPH/sdl

Enclosures: 1. FNP Unit 1 Monthly Operating Report
2. FNP Unit 2 Monthly Operating Report

cc: Southern Nuclear Operating Company
Mr. J. T. Gasser, Executive Vice President
Mr. J. R. Johnson, General Manager – Plant Farley
RTYPE: CFA04.054; LC# 14202

U. S. Nuclear Regulatory Commission
Dr. W. D. Travers, Regional Administrator
Mr. S. E. Peters, NRR Project Manager – Farley
Mr. C. A. Patterson, Senior Resident Inspector – Farley

JE24

OPERATING DATA REPORT

DOCKET NO. 50-348
UNIT NAME Farley 1
DATE January 07, 2005
COMPLETED BY Bill Marlar
TELEPHONE 334-814-4554

REPORTING PERIOD: December 2004

1. Design Electrical Rating	<u>854.00</u>		
2. Maximum Dependable Capacity (MWe-Net)	<u>851.00</u>		
	<u>This Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>
3. Number of Hours the Reactor was Critical	<u>744.00</u>	<u>7,711.21</u>	<u>196,610.94</u>
4. Number of Hours Generator On-line	<u>744.00</u>	<u>7,628.01</u>	<u>194,148.19</u>
5. Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
6. Net Electrical Energy Generated (MWHrs)	<u>642,529.00</u>	<u>6,423,882.00</u>	<u>154,601,258.0</u>

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause & Corrective Action Comments

SUMMARY: There were no significant power reductions this period. There were no challenges to Pressurizer PORV or Pressurizer Safety Valves.

1

Reason:

- A Equipment Failure (Explain)
- B Maintenance or Test
- C Refueling
- D Regulatory Restriction
- E Operator Training & License Examination
- F Administration
- G Operational Error (Explain)
- H Other (Explain)

2

Method:

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

OPERATING DATA REPORT

DOCKET NO. 50-364
UNIT NAME Farley 2
DATE January 07, 2005
COMPLETED BY Bill Marlar
TELEPHONE 334-814-4554

REPORTING PERIOD: December 2004

1. Design Electrical Rating	<u>855.00</u>			
2. Maximum Dependable Capacity (MWe-Net)	<u>849.00</u>			
	<u>This Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>	
3. Number of Hours the Reactor was Critical	<u>744.00</u>	<u>7,993.75</u>	<u>179,912.55</u>	
4. Number of Hours Generator On-line	<u>744.00</u>	<u>7,949.56</u>	<u>177,866.38</u>	
5. Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	
6. Net Electrical Energy Generated (MWHrs)	<u>644,877.00</u>	<u>6,724,103.00</u>	<u>143,148,985.0</u>	

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No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause & Corrective Action Comments

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- G Operational Error (Explain)
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Method:

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