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SOUTHERN COMPANY
Energy to Serve Your World℠

May 11, 2004

NL-04-0801

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 April 2004 Monthly Operating Reports as required by section 5.6.4 of the Technical Specifications.

Last month's Monthly Operating Reports (MOR) referenced pending LER 2004-001-00 (Unit 2) on page E1-2. The referenced LER was submitted to the NRC on April 29, 2004 for Unit 1, and should have been designated as Unit 1 in the MOR.

If you have any questions, please advise.

Sincerely,

L. M. Stinson

LMS/LPH/sdl

Enclosures: E1 – FNP Unit 1 Monthly Operating Report
E2 – FNP Unit 2 Monthly Operating Report

cc: Southern Nuclear Operating Company
Mr. J. B. Beasley, Jr., Executive Vice President
Mr. D. E. Grissette, General Manager – Plant Farley
RTYPE: CFA04.054 & G9.03 – Xref: A.2.1; LC# 14032

U. S. Nuclear Regulatory Commission
Mr. L. A. Reyes, Regional Administrator
Mr. S. E. Peters, NRR Project Manager – Farley
Mr. C. A. Patterson, Senior Resident Inspector – Farley

IE24

OPERATING DATA REPORT

DOCKET NO.:	50-348
UNIT NAME:	J. M. Farley - Unit 1
DATE:	May 5, 2004
COMPLETED BY:	W. L. Marlar
TELEPHONE:	(334) 814-4554

OPERATING STATUS

1.	Reporting Period:	**APRIL 2004**
2.	Design Electrical Rating (Net MWe):	854
3.	Maximum Dependable Capacity (Net MWe):	830

		This Month	Year to Date	Cumulative
4.	Number Of Hours Reactor Was Critical:	719.0	2,878.4	191,778.1
5.	Hours Generator On-line:	719.0	2,861.7	189,381.9
6.	Unit Reserve Shutdown Hours:	0.0	0.0	0.0
7.	Net Electrical Energy Generated (MWH):	611,607.0	2,436,661.0	150,614,037.0

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: May 5, 2004
COMPLETED BY: W. L. Marlar
TELEPHONE: (334) 814-4554

REPORTING PERIOD: APRIL 2004

No.	Date (YYMMDD)	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 0115 on April 24, 2004 the unit was ramped down to approximately 93% for governor Valve Testing. Testing was completed and the unit was returned to 100% power at 0549 on April 24, 2004.

OPERATING DATA REPORT

DOCKET NO.:	50-364
UNIT NAME:	J. M. Farley - Unit 2
DATE:	May 5, 2004
COMPLETED BY:	W. L. Marlar
TELEPHONE:	(334) 814-4554

OPERATING STATUS

1.	Reporting Period:	**APRIL 2004**
2.	Design Electrical Rating (Net MWe):	855
3.	Maximum Dependable Capacity (Net MWe):	839

		This Month	Year to Date	Cumulative
4.	Number Of Hours Reactor Was Critical:	383.8	2,112.7	174,031.5
5.	Hours Generator On-line:	340.5	2,068.6	171,985.4
6.	Unit Reserve Shutdown Hours:	0.0	0.0	0.0
7.	Net Electrical Energy Generated (MWH):	251,091.0	1,712,839.0	138,137,721.0

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: May 5, 2004
COMPLETED BY: W. L. Marlar
TELEPHONE: (334) 814-4554

REPORTING PERIOD: APRIL 2004

No.	Date (YYMMDD)	Type F: Forced S: Scheduled	Duration (Hours)	Reason (1)	Method of Shutting Down (2)	Cause/Corrective Actions Comments
1	040313	S	353.7	C	4	The sixteenth refueling outage was completed on April 15, 2004.
2	040416	F	24.8	A	5	Turbine trip only. Reactor remained critical.

(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 1105 on April 11, 2004, during low power physics testing an automatic reactor trip occurred due to reactor protection system problems. After replacement of two reactor protection system circuit cards, while re-establishing conditions to continue low power physics testing, another automatic reactor trip occurred at 0347 on April 12, 2004. Additional testing identified a different reactor protection system circuit card failure as the actual cause of both trips. This card was replaced, low power physics testing was completed and the unit continued with startup (LER pending). At 1843 on April 15, 2004 the U2RF16 outage was completed and the unit was synchronized to the grid. This refueling outage completion date includes an extension of approximately six days primarily due to additional work scope associated with Service Water piping repair. At 1808 on April 16, 2004, with the unit at approximately 31% power, the main turbine was manually tripped due to turbine control problems. The reactor remained critical. Repairs were completed, the unit was connected to the grid at 1856 on April 17, 2004 and returned to 100% power at 0417 on April 20, 2004.