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June 6, 2002

Docket Nos. 50-321
50-366

HL-6247

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

Edwin I. Hatch Nuclear Plant
Monthly Operating Reports

Ladies and Gentlemen:

Enclosed are the May 2002 Monthly Operating Reports for Edwin I. Hatch Nuclear Plant Unit 1, Docket No. 50-321, and Unit 2, Docket No. 50-366. These reports are submitted in accordance with Technical Specifications 5.6.4.

Respectfully submitted,

A handwritten signature in black ink that reads "Lewis Sumner".

H. L. Sumner, Jr.

IFL/eb

Enclosures:

1. May Monthly Operating Report for Plant Hatch Unit 1
2. May Monthly Operating Report for Plant Hatch Unit 2

cc: Southern Nuclear Operating Company
Mr. P. H. Wells, Nuclear Plant General Manager
SNC Document Management (R-Type A02.001)

U. S. Nuclear Regulatory Commission, Washington D. C.
Mr. L. N. Olshan, Project Manager - Hatch

U. S. Nuclear Regulatory Commission, Region II
Mr. L. A. Reyes, Regional Administrator
Mr. J. T. Munday, Senior Resident Inspector - Hatch

Utility Data Institute, Inc.
Ms. Barbara Lewis - McGraw-Hill Companies

IE 24

Enclosure 1

Plant Hatch Unit 1
Monthly Operating Report
May 2002

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OPERATING DATA REPORT

Docket No.: 50-321
 Unit Name: E. I. Hatch Unit 1
 Date: June 3, 2002
 Completed By: S. B. Rogers
 Telephone: (912) 367-7781 x2279

Operating Status

1. Reporting Period: MAY 2002
 2. Design Electrical Rating (Net MWe): 870
 3. Maximum Dependable Capacity (Net MWe): 856

	<u>This Month</u>	<u>Year To Date</u>	<u>Cumulative</u>
4. Number of Hours Reactor Was Critical:	744.0	2,849.8	185,364.2
5. Hours Generator On Line:	744.0	2,759.6	179,453.2
6. Unit Reserve Shutdown Hours:	0.0	0.0	0.0
7. Net Electrical Energy Generated:	648,813	2,318,986	130,223,123

CHALLENGES TO MAIN STEAM SAFETY / RELIEF VALVES

Date	Tag No.	Event Description
		No challenges this month.

UNIT SHUTDOWNS

Docket No.: 50-321
 Unit Name: E. I. Hatch Unit 1
 Date: June 3, 2002
 Completed By: S. B. Rogers
 Telephone: (912) 367-7781 x2279

Reporting Period: MAY 2002

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason (1)	Method of Shutting Down (2)	Cause/Corrective Actions Comments
						No unit shutdowns occurred this 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

Unit 1 began the month of May operating at rated thermal power. Shift reduced load to approximately 890 GMWe (~2700 CMWT) on 5/11/02 to perform turbine stop valve testing. The unit was returned to rated thermal power later the same day. Shift reduced load to approximately 860 GMWe (~2540 CMWT) on 5/25/02 to perform control rod drive exercises. The unit was returned to rated thermal power later the same day. Shift maintained unit operation at rated thermal power for the remainder of the month.

Enclosure 2

Plant Hatch Unit 2
Monthly Operating Report
May 2002

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OPERATING DATA REPORT

Docket No.: 50-366
 Unit Name: E. I. Hatch Unit 2
 Date: June 3, 2002
 Completed By: S. B. Rogers
 Telephone: (912) 367-7781 x2279

Operating Status

1. Reporting Period: MAY 2002
 2. Design Electrical Rating (Net MWe): 894
 3. Maximum Dependable Capacity (Net MWe): 870

	<u>This Month</u>	<u>Year To Date</u>	<u>Cumulative</u>
4. Number of Hours Reactor Was Critical:	<u>744.0</u>	<u>3,427.6</u>	<u>161,530.2</u>
5. Hours Generator On Line:	<u>744.0</u>	<u>3,407.8</u>	<u>157,182.9</u>
6. Unit Reserve Shutdown Hours:	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
7. Net Electrical Energy Generated:	<u>650,975</u>	<u>2,975,468</u>	<u>116,170,084</u>

CHALLENGES TO MAIN STEAM SAFETY / RELIEF VALVES

Date	Tag No.	Event Description
		No challenges this month.

UNIT SHUTDOWNS

Docket No.: 50-366
 Unit Name: E. I. Hatch Unit 2
 Date: June 3, 2002
 Completed By: S. B. Rogers
 Telephone: (912) 367-7781 x2279

Reporting Period: MAY 2002

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason (1)	Method of Shutting Down (2)	Cause/Corrective Actions Comments
						No unit shutdowns occurred this 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

Unit 2 began the month of May operating at rated thermal power. Shift reduced load to approximately 875 GMWe (~2650 CMWT) on 5/12/02 to perform control rod drive exercises and a rod pattern adjustment. The unit was returned to rated thermal power on 5/13/02. Shift reduced thermal power to approximately 96% of rated on 5/14/02, 5/15/02, and 5/16/02 to perform rod pattern adjustments. The unit was returned to rated thermal power each day, following the rod pattern adjustment. Shift reduced load to approximately 875 GMWe (~2630 CMWT) on 5/19/02 to perform control rod drive exercises. The unit was returned to rated thermal power later the same day. Shift reduced load to approximately 900 GMWe (~2705 CMWT) on 5/25/02 to perform turbine stop valve testing. The unit was returned to rated thermal power later that day. Shift reduced load to approximately 860 GMWe (~2540 CMWT) on 5/26/02 to perform control rod drive exercises. The unit was returned to rated thermal power later the same day. Shift maintained unit operation at rated thermal power for the remainder of the month.