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June 6, 2001

Docket Nos. 50-321
50-366

HL-6093

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 2001 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 cursive script 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 2001

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OPERATING DATA REPORT

Docket No.: 50-321
 Unit Name: E. I. Hatch Unit 1
 Date: June 1, 2001
 Completed By: S. B. Rogers
 Telephone: (912) 367-7781 x2878

Operating Status

1. Reporting Period:	MAY 2001
2. Design Electrical Rating (Net MWe):	864.6
3. Maximum Dependable Capacity (Net MWe):	863

	This Month	Year To Date	Cumulative
4. Number of Hours Reactor Was Critical:	744.0	3,572.1	177,377.4
5. Hours Generator On Line:	744.0	3,552.5	171,556.6
6. Unit Reserve Shutdown Hours:	0.0	0.0	0.0
7. Net Electrical Energy Generated:	645,111	3,052,746	123,460,709

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 1, 2001
 Completed By: S. B. Rogers
 Telephone: (912) 367-7781 x2878

Reporting Period: MAY 2001

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 with the "B" Cooling Tower out of service for repair of structural damage. Shift reduced load to approximately 885 GMWe (~2705 CMWT) on 5/5/01 to perform turbine stop valve testing. The unit was returned to rated thermal power later that day. Shift reduced load to approximately 845 GMWe (~2600 CMWT) on 5/18/01 in preparation for returning the "B" Cooling Tower to service. Shift returned the "B" Cooling Tower to service and ascended 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 2001

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OPERATING DATA REPORT

Docket No.: 50-366
 Unit Name: E. I. Hatch Unit 2
 Date: June 1, 2001
 Completed By: S. B. Rogers
 Telephone: (912) 367-7781 x2878

Operating Status

1. Reporting Period: MAY 2001
 2. Design Electrical Rating (Net MWe): 859
 3. Maximum Dependable Capacity (Net MWe): 878

	<u>This Month</u>	<u>Year To Date</u>	<u>Cumulative</u>
4. Number of Hours Reactor Was Critical:	744.0	3,623.0	154,054.8
5. Hours Generator On Line:	744.0	3,623.0	149,779.8
6. Unit Reserve Shutdown Hours:	0.0	0.0	0.0
7. Net Electrical Energy Generated:	648,172	3,168,657	109,778,739

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 1, 2001
 Completed By: S. B. Rogers
 Telephone: (912) 367-7781 x2878

Reporting Period: MAY 2001

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 at approximately 895 GMWe (~2665 CMWT) with ascension to rated thermal power in progress following the rod pattern adjustment that was performed on 4/30/01. The unit attained rated thermal power on 5/1/01. Shift reduced load to approximately 815 GMWe (~2465 CMWT) on 5/15/01 to remove the "B" Condensate Booster Pump from service due to high temperature on the outboard motor bearing. Shift increased unit load to approximately 850 GMWe (~2558 CMWT) later on 5/15/01 and continued operation at that power level while repairs were being made to the "B" Condensate Booster Pump. Shift returned the "B" Condensate Booster Pump to service on 5/19/01 and ascended to rated thermal power later the same day. Shift reduced load to approximately 900 GMWe (~2705 CMWT) on 5/26/01 to perform turbine stop valve testing. The unit was returned to rated thermal power later that day. Shift reduced load to approximately 800 GMWe (~2430 CMWT) on 5/31/01 to remove the "B" Condensate Booster Pump from service to repair a leak on the outboard pump seal. Shift increased unit load to approximately 840 GMWe (~2558 CMWT) later on 5/31/01 and continued operation at that power level for the remainder of the month, while repairs were being made to the "B" Condensate Booster Pump.