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May 4, 2001

Docket Nos. 50-321
50-366

HL-6081

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

FE24

Enclosure 1

Plant Hatch Unit 1
Monthly Operating Report
April 2001

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OPERATING DATA REPORT

Docket No.: 50-321
Unit Name: E. I. Hatch Unit 1
Date: May 2, 2001
Completed By: S. B. Rogers
Telephone: (912) 367-7781 x2878

Operating Status

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

	<u>This Month</u>	<u>Year To Date</u>	<u>Cumulative</u>
4. Number of Hours Reactor Was Critical:	<u>719.0</u>	<u>2,828.1</u>	<u>176,633.4</u>
5. Hours Generator On Line:	<u>719.0</u>	<u>2,808.5</u>	<u>170,812.6</u>
6. Unit Reserve Shutdown Hours:	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
7. Net Electrical Energy Generated:	<u>613,084</u>	<u>2,407,635</u>	<u>122,815,598</u>

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: May 2, 2001
 Completed By: S. B. Rogers
 Telephone: (912) 367-7781 x2878

Reporting Period: APRIL 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 April at approximately 24% of rated thermal power with surveillance testing in progress. Shift removed the "A" 5th Stage Feedwater Heater from service while at reduced load to repair a steam leak. Shift began power ascension following repair of the heater and the unit attained approximately 810 GMWe (~2485 CMWT) on 4/1/01. Shift reduced load to approximately 725 GMWe (~2210 CMWT), later on 4/1/01, due to a decrease in main condenser vacuum. Shift returned the unit to rated thermal power on 4/2/01. Shift reduced load to approximately 730 GMWe (~2210 CMWT) later that day for a rod pattern adjustment and returned the unit to rated thermal power on 4/3/01. Shift reduced load to approximately 890 GMWe (~2705 CMWT) on 4/7/01 to perform turbine stop valve testing. The unit was returned to rated thermal power later the same day. Shift reduced load to approximately 850 GMWe (~2630 CMWT) on 4/24/01 to remove the "B" Cooling Tower from service to facilitate repair of structural damage. Shift began a slow power ascension with the "B" Cooling Tower out of service. The power ascension was halted at approximately 865 GMWe (~2680 CMWT) on 4/24/01 due to condensate system parameters. Shift returned the unit to rated thermal power on 4/25/01. Shift maintained the unit at rated thermal power, with the "B" Cooling Tower out of service, for the remainder of the month.

Enclosure 2

Plant Hatch Unit 2
Monthly Operating Report
April 2001

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OPERATING DATA REPORT

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

Operating Status

1. Reporting Period: APRIL 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:	<u>719.0</u>	<u>2,879.0</u>	<u>153,310.8</u>
5. Hours Generator On Line:	<u>719.0</u>	<u>2,879.0</u>	<u>149,035.8</u>
6. Unit Reserve Shutdown Hours:	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
7. Net Electrical Energy Generated:	<u>615,842</u>	<u>2,520,485</u>	<u>109,130,567</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: May 2, 2001
 Completed By: S. B. Rogers
 Telephone: (912) 367-7781 x2878

Reporting Period: APRIL 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 April operating at rated thermal power with the "A" 7th Stage Feedwater on high level control. Shift installed a temporary modification on 4/2/01 to route the "A" 7th Stage Feedwater Heater normal drain to the "A" 10th Stage Feedwater Heater. Shift began reducing load to approximately 665 GMWe (~2070 CMWT) on 4/27/01 to perform a control rod sequence exchange and scram time testing. Shift further reduced load to approximately 440 GMWe (~1380 CMWT) on 4/28/01 to perform inspection and maintenance activities in the Condenser Bay. Turbine control valve testing was also performed while at reduced load. The unit was returned to rated thermal power on 4/29/01. Shift reduced load to approximately 840 GMWe (~2485 CMWT) on 4/30/01 to perform a rod pattern adjustment. Ascension to rated thermal was in progress at the close of April with the unit at approximately 895 GMWe (~2665 CMWT).