

Lewis Sumner
Vice President
Hatch Project Support

**Southern Nuclear
Operating Company, Inc.**
40 Inverness Parkway
Post Office Box 1295
Birmingham, Alabama 35201
Tel 205.992.7279
Fax 205.992.0341



April 4, 2002

Docket Nos. 50-321
50-366

HL-6226

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 March 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 cursive script that reads "Lewis Sumner".

H. L. Sumner, Jr.

IFL/eb

Enclosures:

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

IE24

Enclosure 1

Plant Hatch Unit 1
Monthly Operating Report
March 2002

Table of Contents

	<u>Page</u>
Operating Data Report	E1-1
Unit Shutdowns and Power Reductions	E1-2

OPERATING DATA REPORT

Docket No.:	50-321
Unit Name:	E. I. Hatch Unit 1
Date:	April 1, 2002
Completed By:	S. B. Rogers
Telephone:	(912) 367-7781.x2878

Operating Status

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

	This Month	Year To Date	Cumulative
4. Number of Hours Reactor Was Critical:	528.4	1,851.4	184,365.8
5. Hours Generator On Line:	528.0	1,826.5	178,520.0
6. Unit Reserve Shutdown Hours:	0.0	0.0	0.0
7. Net Electrical Energy Generated:	426,582	1,529,036	129,433,173

CHALLENGES TO MAIN STEAM SAFETY / RELIEF VALVES

Date	Tag No.	Event Description
		No challenges this month.

OPERATING DATA REPORT

Docket No.:	50-366
Unit Name:	E. I. Hatch Unit 2
Date:	April 1, 2002
Completed By:	S. B. Rogers
Telephone:	(912) 367-7781 x2878

Operating Status

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

	This Month	Year To Date	Cumulative
4. Number of Hours Reactor Was Critical:	744.0	1,964.6	160,067.2
5. Hours Generator On Line:	744.0	1,944.8	155,719.9
6. Unit Reserve Shutdown Hours:	0.0	0.0	0.0
7. Net Electrical Energy Generated:	652,567	1,697,501	114,892,117

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: April 1, 2002
 Completed By: S. B. Rogers
 Telephone: (912) 367-7781 x2878

Reporting Period: MARCH 2002

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason (1)	Method of Shutting Down (2)	Cause/Corrective Actions Comments
02-002	020323	S	216.0	C	2	The unit entered the 20th Refueling Outage when Shift manually tripped the Main Turbine. Shift inserted a manual scram twenty six minutes later, following overspeed trip testing of the Main Turbine.

(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 March operating at approximately 96% of rated thermal power with the 2nd Stage of the Moisture Separator Reheaters out of service. The unit experienced a momentary closure of all four Combined Intermediate Valves (CIVs) on 3/6/02. Main generator output decreased to ~180 GMWe then returned to ~865 GMWe within approximately 15 seconds. During the event, reactor power decreased to approximately 92%, then increased to approximately 101%, before stabilizing at approximately 96% of rated after the CIVs re-opened. This event resulted from a faulty power supply in the turbine Electro-Hydraulic Control System. Shift began reducing load on 3/22/02 in preparation for a unit shutdown. The unit entered the 20th Refueling Outage on 3/23/02 when Shift manually tripped the Main Turbine. Shift performed overspeed trip testing on the Main Turbine and inserted a manual scram later that day. Shift began unloading a predetermined number of fuel bundles on 3/26/02 to facilitate in-vessel work and inspection. The initial fuel movements were completed on 3/27/02. Activities associated with the 20th Refueling Outage continued for the remainder of the month.

Enclosure 2

Plant Hatch Unit 2
Monthly Operating Report
March 2002

Table of Contents

	<u>Page</u>
Operating Data Report	E2-1
Unit Shutdowns and Power Reductions	E2-2

UNIT SHUTDOWNS

Docket No.: 50-366
 Unit Name: E. I. Hatch Unit 2
 Date: April 1, 2002
 Completed By: S. B. Rogers
 Telephone: (912) 367-7781 x2878

Reporting Period: MARCH 2002

No.	Date	Type		Duration (Hours)	Reason (1)	Method of Shutting Down (2)	Cause/Corrective Actions Comments
		F: Forced	S: Scheduled				
							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 March operating at rated thermal power. Shift reduced load to approximately 900 GMWe (~2690 CMWT) on 3/9/02 to perform turbine stop valve testing. The unit was returned to rated thermal power on 3/10/02. Shift reduced load to approximately 495 GMWe (~1520 CMWT) on 3/16/02 to repair a steam leak on a manway cover for the "C" Moisture Separator Reheater (MSR) Hotwell Drain Tank. The manway covers on the "B" and "D" MSR Hotwell Drain Tanks were also re-torqued while at reduced load. 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.