

H. L. Sumner, Jr.  
Vice President  
Hatch Project

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March 14, 2005



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NL-05-0452

Docket Nos.: 50-321  
50-366

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D. C. 20555-0001

Edwin I. Hatch Nuclear Plant  
Monthly Operating Reports

Ladies and Gentlemen:

Enclosed are the February 2005 Monthly Operating Reports as required by section 5.6.4 of the Technical Specifications.

If you have any questions, please advise.

Sincerely,

A handwritten signature in cursive script that reads "H. L. Sumner, Jr.".

H. L. Sumner, Jr.

HLS/ifl/daj

- Enclosures: 1. HNP Unit 1 Monthly Operating Report  
2. HNP Unit 2 Monthly Operating Report

cc: Southern Nuclear Operating Company  
Mr. J. T. Gasser, Executive Vice President  
Mr. G. R. Frederick, General Manager – Plant Hatch  
RTYPE: CHA02.004

U. S. Nuclear Regulatory Commission  
Dr. W. D. Travers, Regional Administrator  
Mr. C. Gratton, NRR Project Manager – Hatch  
Mr. D. S. Simpkins, Senior Resident Inspector – Hatch

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## OPERATING DATA REPORT

**DOCKET NO.** 50-321  
**UNIT NAME** Hatch 1  
**DATE** March 08, 2005  
**COMPLETED BY** K. E. Drawdy  
**TELEPHONE** (912) 366-2007

**REPORTING PERIOD:** February 2005

1. Design Electrical Rating	<u>885.00</u>		
2. Maximum Dependable Capacity (MWe-Net)	<u>876.00</u>		
	<u>This Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>
3. Number of Hours the Reactor was Critical	<u>672.00</u>	<u>1,218.18</u>	<u>208,210.12</u>
4. Number of Hours Generator On-line	<u>672.00</u>	<u>1,185.42</u>	<u>202,142.57</u>
5. Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
6. Net Electrical Energy Generated (MWHrs)	<u>604,956.00</u>	<u>1,025,114.00</u>	<u>149,599,396.0</u>

### UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause & Corrective Action Comments
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SUMMARY: Unit 1 began the month of February operating at rated thermal power. Shift reduced load to approximately 885 GMWe (~2650 CMWT) on February 19 to perform a minor rod pattern adjustment. The unit was returned to rated thermal power on February 20. Shift reduced load to approximately 835 GMWe (~2480 CMWT) to perform CRD exercises, main turbine stop valve testing, and a minor rod pattern adjustment on February 26. The unit was returned to rated thermal power on February 27. Shift maintained unit operation at rated thermal power for the remainder of the month. There were no challenges to the safety relief valves.

1

**Reason:**

- A Equipment Failure (Explain)
- B Maintenance or Test
- C Refueling
- D Regulatory Restriction
- E Operator Training & License Examination
- F Administration
- G Operational Error (Explain)
- H Other (Explain)

2

**Method:**

- 1 Manual
- 2 Manual Trip/Scram
- 3 Automatic Trip/Scram
- 4 Continuation
- 5 Other (Explain)

## OPERATING DATA REPORT

**DOCKET NO.** 50-366  
**UNIT NAME** Hatch 2  
**DATE** March 08, 2005  
**COMPLETED BY** K. E. Drawdy  
**TELEPHONE** (912) 366-2007

**REPORTING PERIOD:** February 2005

1. Design Electrical Rating	908.00		
2. Maximum Dependable Capacity (MWe-Net)	883.00		
	<u>This Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>
3. Number of Hours the Reactor was Critical	96.75	840.75	184,219.50
4. Number of Hours Generator On-line	96.08	840.08	179,801.65
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical Energy Generated (MWHrs)	69,830.00	709,799.00	135,810,844.0

### UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause & Corrective Action Comments
05-001	02/05/2005	S	575.92	C	1	The unit entered the 18th Refueling Outage when Shift manually tripped the Main Turbine. Shift inserted a manual scram forty minutes later, following overspeed trip testing of the Main Turbine.

**SUMMARY:** Unit 2 began the month of February operating at ~ 2700 CMWT with end of cycle coastdown in progress. On February 04 with the unit at ~2663 CMWt, the shift began a power reduction to allow the unit to begin its 18th refueling outage. The unit entered the 18th Refueling Outage when the Shift manually tripped the Main Turbine on February 05, after which a Main Turbine overspeed trip test was performed. Later that day, the shift inserted a manual scram to enter mode 3. Shift began fuel offload on February 10. The initial fuel offload was completed on February 12. The Shift began core reload activities on February 25. Outage activities continued for the remainder of the month. There were no challenges to the safety relief valves.

1

**Reason:**

- A Equipment Failure (Explain)
- B Maintenance or Test
- C Refueling
- D Regulatory Restriction
- E Operator Training & License Examination
- F Administration
- G Operational Error (Explain)
- H Other (Explain)

2

**Method:**

- 1 Manual
- 2 Manual Trip/Scram
- 3 Automatic Trip/Scram
- 4 Continuation
- 5 Other (Explain)