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February 15, 2005

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 January 2005 Monthly Operating Reports as required by section 5.6.4 of the Technical Specifications.

If you have any questions, please advise.

Sincerely,

H. L. Sumner, Jr.

HLS/IFL/sdl

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

JE24

OPERATING DATA REPORT

DOCKET NO. 50-321
UNIT NAME Hatch 1
DATE February 14, 2005
COMPLETED BY K. E. Drawdy
TELEPHONE (912) 366-2000 x2007

REPORTING PERIOD: January 2005

1. Design Electrical Rating	885.00		
2. Maximum Dependable Capacity (MWe-Net)	876.00		
	<u>This Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>
3. Number of Hours the Reactor was Critical	546.18	546.18	207,538.12
4. Number of Hours Generator On-line	513.42	513.42	201,470.57
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical Energy Generated (MWHrs)	420,158.00	420,158.00	148,994,440.0

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause & Corrective Action Comments
05-001	01/03/2005	S	220.47	B	1	
05-002	01/12/2005	F	10.12	A	5	

SUMMARY: Unit 1 began the month of January operating at rated thermal power. On January 2, Shift began reducing load for a scheduled maintenance outage to repair leakage which was coming from three drywell coolers. The unit was taken off line early on January 3. The unit was tied to the grid on January 12 and then taken back off line due to high turbine vibration. The unit was tied to the grid again on January 12 and began ramping to rated thermal power which was reached on January 15. Shift reduced load on January 16 to ~890 GMWe (~2620 CMWt) for a rod pattern adjustment to the target rod pattern. Shift reduced load on January 28 to ~840 GMWe (~2520 CMWt) for TSV Testing and CRD Exercises. Shift further reduced load on January 28 to ~575 GMWe (~1760 CMWt) for TCV Testing and Rod Pattern Adjustment. Shift reduced load on January 30 to ~835 GMWe (~2460 CMWt) for a rod pattern adjustment to the target rod pattern. There were no challenges to the safety relief valves. The Maximum Dependable Capacity (MWe-Net) rating has been increased from 869 to 876 based on demonstrated performance increases due to the Appendix K uprate.

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 February 14, 2005
COMPLETED BY K. E. Drawdy
TELEPHONE (912) 366-2000 x2007

REPORTING PERIOD: January 2005

1. Design Electrical Rating	<u>908.00</u>			
2. Maximum Dependable Capacity (MWe-Net)	<u>883.00</u>			
	<u>This Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>	
3. Number of Hours the Reactor was Critical	<u>744.00</u>	<u>744.00</u>	<u>184,122.75</u>	
4. Number of Hours Generator On-line	<u>744.00</u>	<u>744.00</u>	<u>179,705.57</u>	
5. Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	
6. Net Electrical Energy Generated (MWHrs)	<u>639,969.00</u>	<u>639,969.00</u>	<u>135,741,014.0</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 2 began the month of January operating at 2790 CMWt, Maximum Operating Power (MOP). Shift reduced load on January 1 to ~840 GMWe (~2525 CMWt) for CRD Exercises and TSV Testing. On January 1, the unit began an End of Cycle Coastdown due to the current control rod configuration. Shift reduced load to ~690 GMWe (~2010 CMWt) for a Rod Pattern Adjustment late on January 21. Shift returned the unit to maximum attainable power level on January 22. Unit 2 completed the month of January at ~ 890 GMWe (~2700 CMWt) with an End of Cycle Coastdown in progress. 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)