



JAN 11 2005

SERIAL: HNP-05-001

United States Nuclear Regulatory Commission  
ATTENTION: Document Control Desk  
Washington, DC 20555

SHEARON HARRIS NUCLEAR POWER PLANT  
DOCKET NO. 50-400/LICENSE NO. NPF-63  
MONTHLY OPERATING REPORT

Ladies and Gentlemen:

In accordance with Technical Specification 6.9.1.5 for the Harris Nuclear Plant, Carolina Power & Light Company, doing business as Progress Energy Carolinas, Inc., is providing the enclosed report of operating statistics and shutdown experience for the month of December 2004.

Sincerely,

A handwritten signature in black ink, appearing to read 'David H. Corlett'.

David H. Corlett  
Supervisor, Licensing/Regulatory Programs  
Harris Nuclear Plant

DHC/mgw

Enclosure

c: Mr. R. A. Musser (NRC Senior Resident Inspector, HNP)  
Mr. C. P. Patel (NRC Project Manager, HNP)  
Dr. W. D. Travers (NRC Regional Administrator, Region II)

Progress Energy Carolinas, Inc.  
Harris Nuclear Plant  
P.O. Box 165  
New Hill, NC 27562

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## OPERATING DATA REPORT

**DOCKET NO.** 050-400  
**UNIT NAME** Shearon Harris Nuclear Power Plant  
**DATE** January 4, 2005  
**COMPLETED BY** Michael S. Matheny  
**TELEPHONE** (919) 362-2335

**REPORTING PERIOD** December 2004  
(Month/Year)

	<b>MONTH</b>	<b>YEAR TO DATE</b>	<b>CUMULATIVE</b>
1. Design Electrical Rating: (MWe-Net)	941.7	N/A	N/A
2. Maximum Dependable Capacity: (MWe-Net)	900.0	N/A	N/A
3. Number of Hours the Reactor Was Critical:	744.0	7,746.7	133,890.8
4. Number of Hours the Generator Was On Line:	744.0	7,689.0	132,720.5
5. Unit Reserve Shutdown Hours:	0.0	0.0	0.0
6. Net Electrical Energy (MWH):	693,550.0	7,008,428.0	112,807,865.0

**APPENDIX B  
UNIT SHUTDOWNS**

**DOCKET NO.** 050-400  
**UNIT NAME** Shearon Harris Nuclear Power Plant  
**DATE** January 4, 2005  
**COMPLETED BY** Michael S. Matheny  
**TELEPHONE** (919) 362-2335

**REPORTING PERIOD**

December 2004  
(Month/Year)

NO.	DATE (yyymmdd)	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN (2)	CAUSE/CORRECTIVE ACTIONS COMMENTS
N/A	N/A	N/A	N/A	N/A	N/A	N/A

**SUMMARY:** There were no plant shutdowns during the month of December 2004.

**(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)