



JUN 09 2005

SERIAL: HNP-05-072

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 May 2005.

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, NC 27562

Handwritten initials "TE24" in black ink, slanted to the right.

**OPERATING DATA REPORT**

**DOCKET NO.** 050-400  
**UNIT NAME** Shearon Harris Nuclear Power Plant  
**DATE** June 2, 2005  
**COMPLETED BY** Michael S. Matheny  
**TELEPHONE** (919) 362-2335

**REPORTING PERIOD** May 2005  
 (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:	700.6	3,579.6	137,470.4
4. Number of Hours the Generator Was On Line:	694.0	3,573.0	136,293.5
5. Unit Reserve Shutdown Hours:	0.0	0.0	0.0
6. Net Electrical Energy (MWH):	577,180.0	3,253,742.0	116,061,607.0

**APPENDIX B  
UNIT SHUTDOWNS**

**DOCKET NO.** 050-400  
**UNIT NAME** Shearon Harris Nuclear Power Plant  
**DATE** June 2, 2005  
**COMPLETED BY** Michael S. Matheny  
**TELEPHONE** (919) 362-2335

**REPORTING PERIOD**

May 2005  
(Month/Year)

NO.	DATE (yyymmdd)	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN (2)	CAUSE/CORRECTIVE ACTIONS COMMENTS
05-01	050501	F	50.0	A	2	The manual reactor trip was due to the loss of the "B" feedwater train caused by the "B" condensate pump failed motor shaft. The motor was replaced with a spare motor. Required repairs were made to the condensate pump. The unit was returned to service on 05/03/05 and operated at approx. 50% power while repairs were being completed. The unit returned to 100% power on 05/08/05.

**SUMMARY:** There was one forced manual scram during the month of May 2005. Details of this event will be reported in LER 2005-002-00 (due 06/30/05).

**(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)