



Serial: HNP-03-079

**JUL 15 2003**

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**

Dear Sir or Madam:

In accordance with Technical Specification 6.9.1.5 for Progress Energy Carolinas, Inc's (alternately known as Carolina Power and Light Co.) Harris Nuclear Plant, the report of operating statistics and shutdown experience for the month of June 2003 is provided.

Sincerely,

A handwritten signature in cursive script that reads 'John R. Caves'.

John R. Caves  
Supervisor,  
Licensing and Regulatory Programs  
Harris Nuclear Plant

SGR/sgr

Enclosure

c: Mr. J. B. Brady (NRC Senior Resident Inspector, HNP)  
Mr. L. A. Reyes (NRC Regional Administrator, Region II)  
Mr. C. P. Patel (NRC Project Manager, HNP)

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bc:    **Mr. Tom C. Bell**  
         **Mr. Stephen Carr**  
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         **Mr. J. Scarola**  
         **Mr. J. M. Taylor**  
         **Mr. B. C. Waldrep**  
         **Mr. W. G. Wendland (American Nuclear Insurers)**  
         **Licensing Files (2)**  
         **Nuclear Records**

## OPERATING DATA REPORT

**DOCKET NO.** 050-400  
**UNIT NAME** Shearon Harris Nuclear Power Plant  
**DATE** July 9, 2003  
**COMPLETED BY** Charles L. George  
**TELEPHONE** (919) 362-2937

**REPORTING PERIOD** June 2003  
**(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:	684.2	3,765.6	121,744.7
4. Number of Hours the Generator Was On Line:	674.2	3,703.5	120,652.4
5. Unit Reserve Shutdown Hours:	0.0	0.0	0.0
6. Net Electrical Energy (MWH):	585,682.0	3,354,140.0	101,916,653.0

## APPENDIX B UNIT SHUTDOWNS

**DOCKET NO.** 050-400  
**UNIT NAME** Shearon Harris Nuclear Power Plant  
**DATE** July 9, 2003  
**COMPLETED BY** Charles L. George  
**TELEPHONE** (919) 362-2937

### REPORTING PERIOD

June 2003  

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(Month/Year)

NO.	DATE (yyymmdd)	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN (2)	CAUSE/CORRECTIVE ACTIONS COMMENTS
03-004	030614	F	45.9	A	2	A Printed Circuit Board (PCB) failure in the control logic for the B-Main Feed Pump resulted in a loss of main feed train event, leading to a manual reactor trip. The PCB was replaced and the unit was returned to service.

**SUMMARY:** While operating at 100% power, a PCB failure caused a main feed pump trip. Plant operating procedures require initiation of a manual reactor trip on a loss of feedwater train while above 90% power. The PCB failure was the only equipment problem experienced. Following replacement of the PCB, the unit was returned to service.

**(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)

**(2) Method:**

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