



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)

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

IE24

United States Nuclear Regulatory Commission
Page 2

bc: **Mr. Tom C. Bell**
 Mr. Stephen Carr
 Mr. W. F. Conway
 Mr. G. W. Davis
 Mr. R. J. Duncan II
 Mr. K. N. Harris
 Mr. C. S. Hinnant
 Mr. H. L. James
 Mr. R. D. Martin
 Mr. T. C. Morton
 Mr. W. S. Orser
 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)

	MONTH	YEAR TO DATE	CUMULATIVE
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

(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)