



Progress Energy

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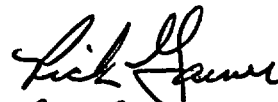
United States Nuclear Regulatory Commission
ATTENTION: Document Control Desk
Washington, DC 20555

**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 May 2003 is provided.

Sincerely,


RICK CAVES FOR J. CAVES

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

SGR/sgf

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

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United States Nuclear Regulatory Commission
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bc: Mr. Tom C. Bell
Mr. Stephen Carr
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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 June 5, 2003
COMPLETED BY Charles L. George
TELEPHONE (919) 362-2937

REPORTING PERIOD May 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:	322.3	3,081.4	121,060.5
4. Number of Hours the Generator Was On Line:	270.2	3,029.3	119,978.2
5. Unit Reserve Shutdown Hours:	0.0	0.0	0.0
6. Net Electrical Energy (MWH):	200,220.0	2,768,458.0	101,330,971.0

**APPENDIX B
UNIT SHUTDOWNS**

DOCKET NO. 050-400
UNIT NAME Shearon Harris Nuclear Power Plant
DATE June 5, 2003
COMPLETED BY Charles L. George
TELEPHONE (919) 362-2937

REPORTING PERIOD

May 2003
(Month/Year)

NO.	DATE (yyymmdd)	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN (2)	CAUSE/CORRECTIVE ACTIONS COMMENTS
03-001	030426	S	423.1	C	1	Shutdown for scheduled refueling outage.
03-002	030518	F	34.3	A	3	Automatic Turbine/Reactor trip during startup. Investigation determined that the turbine trip was caused by a failed turbine speed sensor. Corrective maintenance was performed and the unit was returned to service.
03-003	030520	F	16.4	A	2	Manual Reactor trip during startup due to a loss of Feedwater supply. The event was initiated by a failed internal oil pump in the fluid speed coupling of the A-Condensate Booster Pump, which tripped the A-Main Feed Pump. The failed fluid speed coupling was replaced and the unit returned to service.

SUMMARY: The unit was shutdown for most of the reporting period for a planned refueling outage. While starting up from the outage, the plant experienced two plant trips. The first event was an automatic Turbine/Reactor trip caused by failure of the Main Turbine speed sensor. The second event was a manual reactor trip that was initiated due to a loss of the operating Feedwater train. Failure of the A-Condensate Booster Pump tripped the A-Main Feed Pump, resulting in a loss of makeup to the Steam Generators.

(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)