

December 17, 2008

Mr. Chris L. Burton
Vice President
Shearon Harris Nuclear Power Plant, Unit 1
Carolina Power & Light Company
P.O. Box 165, Mail Zone 1
New Hill, NC 27562-0165

SUBJECT: ISSUANCE OF RENEWED FACILITY OPERATING LICENSE NO. NPF-63 FOR
THE SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1

Dear Mr. Burton:

The U.S. Nuclear Regulatory Commission (NRC) has issued the Renewed Facility Operating License No. NPF-63, for the Shearon Harris Nuclear Power Plant (HNP), Unit 1. The NRC issued the renewed facility operating license based on the staff's review of your application dated November 14, 2006, as supplemented by letters submitted to the NRC through July 21, 2008. The technical specifications for HNP were not amended as a result of our review.

The technical basis for issuing the renewed license is set forth in NUREG-1916, Volumes 1 and 2, "Safety Evaluation Report Related to the License Renewal of the Shearon Harris Nuclear Power Plant, Unit 1," published in August 2008. The results of the environmental reviews related to the issuance of the renewed license are given in NUREG-1437, Supplement 33, "Generic Environmental Impact Statement for License Renewal of Nuclear Plants, Supplement 33, Regarding Shearon Harris Nuclear Power Plant, Unit 1," published in August 2008.

Renewed Facility Operating License No. NPF-63 expires at midnight on October 24, 2046.

Enclosure 1 contains the Renewed Facility Operating License No. NPF-63 and attachments, Appendix B - "Environmental Protection Plan," and Appendix C - "Antitrust Conditions."

C. Burton

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Enclosure 2 is a copy of the related *Federal Register* notice of issuance of the renewed license. The original has been sent to the Office of the Federal Register for publication. If you have any questions regarding this issue, please feel free to contact me at 301-415-3137 or by e-mail at maurice.heath@nrc.gov.

Sincerely,

/RA/

Maurice Heath, Project Manager
Projects Branch 1
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket No. 50-400

Enclosures:

1. Renewed Facility Operating License No. NPF-63
2. Federal Register Notice

cc: See next page
(w/o Attachments to Renewed Operating License)

C. Burton

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NAME	MHeath	YEdmonds	HSpencer	MVaaler w/comments	TBoyce
DATE	12/10/08	12/11/08	11/17/08	11/10/08	11/12/08
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Shearon Harris Nuclear Power Plant,
Unit 1

cc:

Mr. Kelvin Henderson
Plant General Manager
Shearon Harris Nuclear Power Plant
Progress Energy Carolinas, Inc.
P.O. Box 165, Mail Zone 3
New Hill, NC 27562-0165

David T. Conley
Associate General Counsel II -
Legal Department
Progress Energy Service Company, LLC
P.O. Box 1551
Raleigh, NC 27602-1551

Resident Inspector/Harris NPS
c/o U.S. Nuclear Regulatory Commission
5421 Shearon Harris Road
New Hill, NC 27562-9998

Ms. Margaret A. Force
Assistant Attorney General
State of North Carolina
P.O. Box 629
Raleigh, NC 27602

Public Service Commission
State of South Carolina
P.O. Drawer 11649
Columbia, SC 29211

Ms. Beverly Hall, Section Chief
Division of Radiation Protection
N.C. Department of Environment
and Natural Resources
3825 Barrett Drive
Raleigh, NC 27609-7721

Mr. J. Paul Fulford, Manager
Performance Evaluation and
Regulatory Affairs PEB 5
Progress Energy Carolinas, Inc.
P.O. Box 1551
Raleigh, NC 27602-1551

Mr. Chris L. Burton
Director of Site Operations
Shearon Harris Nuclear Power Plant
Progress Energy Carolinas, Inc.
P.O. Box 165, Mail Zone 1
New Hill, NC 27562-0165

Mr. Robert P. Gruber
Executive Director
Public Staff NCUC
4326 Mail Service Center
Raleigh, NC 27699-4326

Chairman of the North Carolina
Utilities Commission
P.O. Box 29510
Raleigh, NC 27626-0510

Mr. Tony Gurley, Chair
Board of County Commissioners
of Wake County
P. O. Box 550
Raleigh, NC 27602

Mr. Carl Thompson, Chair
Board of County Commissioners
of Chatham County
P.O. Box 87
Pittsboro, NC 27312

Shearon Harris Nuclear Power Plant,
Unit 1

- 2 -

cc:

Mr. Thomas J. Natale, Manager
Support Services
Shearon Harris Nuclear Power Plant
Progress Energy Carolinas, Inc.
P.O. Box 165, Mail Zone 1
New Hill, NC 27562-0165

Mr. David H. Corlett, Supervisor
Licensing/Regulatory Programs
Shearon Harris Nuclear Power Plant
Progress Energy Carolinas, Inc.
P.O. Box 165, Mail Zone 1
New Hill, NC 27562-0165

Mr. John H. O'Neill, Jr.
Pillsbury Winthrop Shaw Pittman, LLP
2300 N Street, NW
Washington, DC 20037-1128