

July 25, 2008

Chris L. Burton, Vice President
Shearon Harris Nuclear Power Plant
Carolina Power & Light Company
Post Office Box 165, Mail Zone 1
New Hill, North Carolina 27562-0165

SUBJECT: SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1 – ACCEPTANCE
REVIEW REGARDING THIRD TEN-YEAR INTERVAL INSERVICE
INSPECTION PROGRAM RELIEF REQUEST NUMBERS I3R-03 AND I3R-04
(TAC NOS. MD8743 AND MD8744)

Dear Mr. Burton:

By letter dated April 29, 2008 (Agencywide Documents Access and Management System Accession No. ML081330461), Carolina Power and Light Company, now doing business as Progress Energy Carolinas, Inc., submitted Relief Requests I3R-03 and I3R-04 for the Shearon Harris Nuclear Power Plant, Unit 1 (HNP). The proposed relief requests would 1) grant relief from requirements related to the pressure testing of the reactor pressure vessel head flange seal leak detection system, and 2) authorize an alternative for examination of various piping and valves in the Class 1 pressure boundary. Both relief requests pertain to the third 10-year inspection interval at HNP.

Pursuant to Sections 50.55a(a)(3)(i) and 50.55a(a)(3)(ii) of Title 10 of the *Code of Federal Regulations*, the applicant shall demonstrate that the proposed alternatives would provide an acceptable level of quality and safety, or that compliance with the specified requirements of Section 50.55a would result in hardship or unusual difficulty without a compensating increase in the level of quality or safety.

The purpose of this letter is to provide the final results of the U.S. Nuclear Regulatory Commission (NRC) staff's acceptance review of this request. The acceptance review was performed to determine if there is sufficient technical information in scope and depth to allow the NRC staff to complete its detailed technical review and make an independent assessment regarding the acceptability of the proposed change. The acceptance review is also intended to identify whether the application has any readily apparent information insufficiencies in its characterization of the regulatory requirements or the licensing basis of the plant.

The NRC staff has reviewed your application and concluded that it does provide technical information in sufficient detail to enable the staff to proceed with its detailed technical review and make an independent assessment regarding the acceptability of the proposed amendment in terms of regulatory requirements and the protection of public health and safety and the

C. Burton

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environment. If additional information is needed for the staff to complete its technical review, you will be advised by separate correspondence. Should you have any questions regarding this review, please contact me at (301) 415-3178.

Sincerely,

/RA/

Marlayna Vaaler, Project Manager
Plant Licensing Branch II-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-400

cc: See next page

C. Burton

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environment. If additional information is needed for the staff to complete its technical review, you will be advised by separate correspondence. Should you have any questions regarding this review, please contact me at (301) 415-3178.

Sincerely,

/RA/

Marlayna Vaaler, Project Manager
Plant Licensing Branch II-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-400

cc: See next page

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NRR-106

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Mr. Chris L. Burton
Carolina Power & Light Company

cc:

Mr. Kelvin Henderson
Plant General Manager
Shearon Harris Nuclear Power Plant
Progress Energy Carolinas, Inc.
Post Office Box 165, Mail Zone 3
New Hill, North Carolina 27562-0165

Director of Site Operations
Shearon Harris Nuclear Power Plant
Progress Energy Carolinas, Inc.
Post Office Box 165, Mail Zone 1
New Hill, North Carolina 27562-0165

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

Ms. Kimberly A. Harshaw, Manager
Support Services
Shearon Harris Nuclear Power Plant
Progress Energy Carolinas, Inc.
Post Office Box 165, Mail Zone 1
New Hill, North Carolina 27562-0165

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

Mr. J. Paul Fulford
Manager, Performance Evaluation and
Regulatory Affairs PEB 5
Progress Energy Carolinas, Inc.
Post Office Box 1551
Raleigh, North Carolina 27602-1551

Mr. David T. Conley
Associate General Counsel II -
Legal Department
Progress Energy Service Company, LLC
Post Office Box 1551
Raleigh, North Carolina 27602-1551

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

**Shearon Harris Nuclear Power Plant,
Unit No. 1**

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

Ms. Margaret A. Force
Assistant Attorney General
State of North Carolina
Post Office Box 629
Raleigh, North Carolina 27602

Mr. Tony Gurley, Chair
Board of County Commissioners
of Wake County
Post Office Box 550
Raleigh, North Carolina 27602

Mr. Carl Thompson, Chair
Board of County Commissioners
of Chatham County
Post Office Box 87
Pittsboro, North Carolina 27312

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

Mr. John D. Runkle
Attorney at Law
Post Office Box 3793
Chapel Hill, North Carolina 27515-3793

Mr. Jim Warren
NC Waste Awareness & Reduction Network
Post Office Box 61051
Durham, North Carolina 27715-1051

Chairman of the North Carolina
Utilities Commission
Post Office Box 29510
Raleigh, North Carolina 27626-0510

Public Service Commission
State of South Carolina
Post Office Drawer 11649
Columbia, South Carolina 29211