



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

April 20, 2011

Mr. Christopher 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 – WITHDRAWAL OF
AN AMENDMENT (TAC NO. ME3569)

Dear Mr. Burton:

By letter dated March 23, 2010, as supplemented by letter dated December 9, 2010, Carolina Power & Light Company, now doing business as Progress Energy Carolinas, Inc., applied for an amendment to Facility Operating License No. NPF-63 for the Shearon Harris Nuclear Power Plant, Unit 1 (HNP).

The proposed amendment would have revised the HNP Technical Specification Section 6.9.1.6 to add the Nuclear Regulatory Commission (NRC)-approved topical report, EMF-2103(P)(A), Revision 0, "Realistic Large-Break LOCA [Loss-of-Coolant Accident] Methodology for Pressurized Water Reactors," to the Core Operating Limits Report methodologies list.

Subsequently, by letter dated March 28, 2011, you withdrew the amendment request, based on the complexity of the additional analyses needed to provide a complete response to the NRC's request for additional information dated February 28, 1011, and proposed to resubmit the license amendment request upon completion of the additional analyses.

The NRC has filed the enclosed Notice of Withdrawal of Application for Amendment to Facility Operating License with the Office of the Federal Register for publication.

If you have any questions regarding this matter, please contact me at 301-415-2020.

Sincerely,

A handwritten signature in black ink that reads "Brenda Mozafari".

Brenda L. Mozafari, Senior Project Manager
Plant Licensing Branch II-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-400

Enclosure: Notice of Withdrawal

cc w/enclosure: Distribution via Listserv

UNITED STATES NUCLEAR REGULATORY COMMISSION

CAROLINA POWER & LIGHT COMPANY

DOCKET NO. 50-400

NOTICE OF WITHDRAWAL OF APPLICATION FOR
AMENDMENT TO RENEWED FACILITY OPERATING LICENSE

The U.S. Nuclear Regulatory Commission (NRC, the Commission) has granted the request of the Carolina Power & Light Company (the licensee) to withdraw its application dated March 28, 2010, as supplemented by letter dated December 9, 2010, for a proposed amendment to Renewed Facility Operating License No. NPF-63 for the Shearon Harris Nuclear Power Plant, Unit 1, located in Wake County, North Carolina.

The proposed amendment would have modified revise Technical Specification Section 6.9.1.6 to add the U.S. Nuclear Regulatory Commission (NRC)-approved topical report, EMF-2103(P)(A), Revision 0, "Realistic Large-Break LOCA [Loss-of-Coolant Accident] Methodology for Pressurized Water Reactors," to the Core Operating Limits Report methodologies list. This change would have allowed the use of the thermal-hydraulic computer analysis code S-RELAP5 for the Final Safety Analysis Report (FSAR) Chapter 15 realistic large-break LOCA in the Shearon Harris Nuclear Power Plant, Unit 1 safety analyses. Topical Report, EMF-2103(P)(A), Revision 0, was approved by the NRC on April 9, 2003, for the application of the S-RELAP5 thermal-hydraulic analysis computer code to FSAR Chapter 15 realistic large-break LOCA.

The Commission had previously issued a Notice of Consideration of Issuance of Amendment published in the FEDERAL REGISTER on June 8, 2010, (75 FR 32511). However, by letter dated March 28, 2011, the licensee withdrew the proposed change.

For further details with respect to this action, see the application for amendment dated March 23, 2010 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML100890594), as supplemented by letter dated December 6, 2010 (ADAMS Accession No. ML103500470), and the licensee's letter dated March 28, 2011, which withdrew the application for license amendment.

Documents may be examined, and/or copied for a fee, at the NRC's Public Document Room (PDR), located at One White Flint North, Public File Area O1 F21, 11555 Rockville Pike (first floor), Rockville, Maryland. Publicly available records will be accessible electronically from the ADAMS Public Electronic Reading Room on the internet at the NRC Web site, <http://www.nrc.gov/reading-rm/adams.html>. Persons who do not have access to ADAMS or who encounter problems in accessing the documents located in ADAMS should contact the NRC PDR Reference staff by telephone at 1-800-397-4209, or 301-415-4737 or by email to pdr.resource@nrc.gov.

Dated at Rockville, Maryland, this 20th day of April 2011.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in black ink that reads "Brenda Mozafari". The signature is written in a cursive, flowing style.

Brenda Mozafari, Senior Project Manager
Plant Licensing Branch II-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

April 20, 2011

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/RA/

Brenda L. Mozafari, Senior Project Manager
Plant Licensing Branch II-2
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ADAMS Accession No.: Letter ML110872060 Notice ML110872069

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