

December 13, 2007

Dr. Jeffrey J. Crow
State Historic Preservation Officer
Division of Archives & History
4610 Mail Service Center
Raleigh, NC 27699-4610

SUBJECT: SHEARON HARRIS NUCLEAR POWER PLANT UNIT 1, LICENSE RENEWAL
APPLICATION REVIEW

Dear Dr. Crow:

The U.S. Nuclear Regulatory Commission (NRC) staff is reviewing an application to renew the operating license for the Shearon Harris Nuclear Power Plant, Unit 1 (HNP), which is located in Wake County, North Carolina. HNP is operated by Carolina Power and Light Company, doing business as Progress Energy Carolinas, Inc. (CP&L). As part of its review of the proposed action, the NRC staff has prepared a draft site-specific Supplemental Environmental Impact Statement (SEIS) to its "Generic Environmental Impact Statement for License Renewal of Nuclear Plants" (GEIS), NUREG-1437. The draft SEIS includes analyses of relevant environmental issues, including potential impacts to historic, archeological and cultural properties from extended operation and refurbishment activities associated with license renewal. In accordance with our letter to you dated March 20, 2007, a copy of the draft supplement is enclosed. Pursuant to 36 CFR 800.8(c), we are requesting your comments on our preliminary conclusions regarding historic properties.

As stated in our March 20, 2007 letter, the NRC staff has determined that the area of potential effect (APE) for a license renewal action is the area at the power plant site and its immediate environs that may be impacted by post-license renewal land disturbing operation or projected refurbishment activities associated with the proposed action. The staff views the APE for the HNP license renewal as including the HNP site, its immediate environs and the associated transmission lines.

The NRC staff has conducted an environmental audit at the site and has reviewed historic and archaeological records. The NRC staff also contacted five Native American Tribes identified as having potential interest in the proposed undertaking. To date, no comments have been received.

In the context of the National Environmental Policy Act of 1969, under which the draft environmental impact statement was prepared, the NRC staff's preliminary determination is that the impact of license renewal on historical and archaeological resources is small, and current measures to mitigate potential impacts are adequate. Under the provisions of the National Historic Preservation Act of 1966, the NRC staff's preliminary determination is that no historic properties will be affected by the proposed action.

J. Crow

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Please note that the period for public comment expires on March 5, 2008. If your office requires additional time, or if there are any other questions regarding this correspondence, please have your representative contact the Environmental Project Manager, Mr. Samuel Hernandez, at 301-415-4049 or shq@nrc.gov.

Sincerely,

/RA/

Louise Lund, Branch Chief
Projects Branch 1
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket No. 50-400

Enclosure:
As stated

cc: See next page

J. Crow

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Louise Lund, Branch Chief
Projects Branch 1
Division of License Renewal
Office of Nuclear Reactor Regulation

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Enclosures:
As stated

cc: See next page

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DATE	12/10/07	12/05/07	12/05/07	12/06/07	12/13/07

OFFICIAL RECORD COPY

Memo to Dr. J. Crow from L. Lund dated December 13, 2007

SUBJECT: SHEARON HARRIS NUCLEAR POWER PLANT UNIT 1, LICENSE RENEWAL
APPLICATION REVIEW

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Shearon Harris Nuclear Power Plant, Unit 1

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Shearon Harris Nuclear Power Plant, Unit 1

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