

August 7, 2007

Mr. Robert J. Duncan II
Vice President
Carolina Power & Light Company
P.O. Box 165, Mail Zone 1
New Hill, NC 27562

SUBJECT: REQUESTS FOR ADDITIONAL INFORMATION FOR THE REVIEW OF THE
SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1, LICENSE RENEWAL
APPLICATION

Dear Mr. Duncan:

By letter dated November 14, 2006, Carolina Power & Light Company submitted an application pursuant to Title 10 of the *Code of Federal Regulations* Part 54, to renew the operating license for Shearon Harris Nuclear Power Plant, Unit 1, for review by the U.S. Nuclear Regulatory Commission (NRC or the staff). The staff is reviewing the information contained in the license renewal application and has identified, in the enclosure, areas where additional information is needed to complete the review.

These requests for additional information were discussed with Roger Stewart, and a mutually agreeable date for the response is within 30 days from the date of this letter. If you have any questions, please contact me at 301-415-3137 or via e-mail MLH5@nrc.gov.

Sincerely,

/RA/

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

Docket No. 50-400

Enclosure:
Requests for Additional Information

cc w/encl: See next page

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SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1
LICENSE RENEWAL APPLICATION
REQUESTS FOR ADDITIONAL INFORMATION (RAIs)

RAI 2.3.2-1

The scoping boundary drawing, 5-G-0808-LR, indicates that Boron Injection Tank is within the scope of license renewal; however, license renewal application (LRA) Table 2.3.2-2 does not identify the Boron Injection Tank separately as within the scope of license renewal. Therefore, the staff requests that the applicant indicate which line item in LRA Table 2.3.2-2 includes the subject component.

RAI 2.3.2-2

The scoping boundary drawing, 5-G-0809-LR, indicates that accumulator tanks are within the scope of license renewal; however, LRA Table 2.3.2-2 does not identify the accumulator tanks separately as within the scope of license renewal. Therefore, the staff requests that the applicant indicate which line item in LRA Table 2.3.2-2 includes the subject component.

Letter to R. Duncan, from M. Heath, dated August 7, 2007

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APPLICATION

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Unit 1

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Shearon Harris Nuclear Power Plant,
Unit 1

-2-

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