

January 27, 2000

Mr. James Scarola, Vice President
Shearon Harris Nuclear Power Plant
Carolina Power & Light Company
Post Office Box 165, Mail Code: Zone 1
New Hill, North Carolina 27562-0165

SUBJECT: SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1 - COMPLETION OF
LICENSING ACTION FOR GENERIC LETTER 99-02, "LABORATORY
TESTING OF NUCLEAR-GRADE ACTIVATED CHARCOAL"
(TAC NO. MA5798)

Dear Mr. Scarola:

On June 3, 1999, the U.S. Nuclear Regulatory Commission (NRC) issued Generic Letter (GL) 99-02, "Laboratory Testing of Nuclear-Grade Activated Charcoal," to all holders of operating licenses for nuclear power reactors, except those who have permanently ceased operations and have certified that fuel has been permanently removed from the reactor vessel.

The purpose of the GL was to:

- (1) Alert addressees that the NRC has determined that testing nuclear-grade activated charcoal to standards other than American Society for Testing and Materials (ASTM) D3803-1989, "Standard Test Method for Nuclear-Grade Activated Carbon," does not provide assurance for complying with the current licensing basis as it relates to the dose limits of General Design Criterion (GDC) 19 of Appendix A to Part 50 of Title 10 of the *Code of Federal Regulations* (10 CFR) and Subpart A of 10 CFR Part 100.
- (2) Request that all addressees determine whether their Technical Specifications (TS) reference ASTM D3803-1989 for charcoal filter laboratory testing. Addressees whose TS do not reference ASTM D3803-1989 should either amend their TS to reference ASTM D3803-1989 or propose an alternative test protocol and provide the information discussed in the requested actions.
- (3) Alert addressees to the staff's intent to exercise enforcement discretion under certain conditions.
- (4) Request that all addressees send the NRC written responses on the implementation of the actions requested in this GL.

In GL 99-02, the NRC staff established the following four groups of plants:

- (1) plants in compliance with their TS that test in accordance with ASTM D3803-1989

Mr. James Scarola

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- (2) plants in compliance with their TS that test in accordance with a test protocol other than ASTM D3803-1989
- (3) plants not in compliance with their TS that test in accordance with ASTM D3803-1989
- (4) plants not in compliance with their TS that test in accordance with a test protocol other than ASTM D3803-1989

By letter dated November 19, 1999, you provided the GL 99-02 response for the Harris Nuclear Plant. Your response referenced a request for a license amendment to change your TS to provide for testing as described in the GL which was also submitted on November 19, 1999. The NRC staff has reviewed your response and has concluded that you have provided the requested information and a TS change request in accordance with the GL. In addition, you have committed to test in accordance with ASTM D3803-1989 until your TS amendment is issued. Therefore, we consider GL 99-02 to be closed for your facility. The TS change will be reviewed as a separate, plant-specific action under TAC No. MA7183. We thank you for your prompt and complete response.

If you have any questions regarding this matter, please contact me at 301-415-1373.

Sincerely,

/RA/

Richard J. Laufer, Project Manager, Section 2
Project Directorate II
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-400

Enclosure: Safety Evaluation

cc w/encl: See next page

- (2) plants in compliance with their TS that test in accordance with a test protocol other than ASTM D3803-1989
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COPY	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No

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Carolina Power & Light Company

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