

January 27, 2000

Mr. John S. Keenan, Vice President  
Carolina Power & Light Company  
Brunswick Steam Electric Plant  
Post Office Box 10429  
Southport, North Carolina 28461

SUBJECT: BRUNSWICK 1 AND 2 - COMPLETION OF LICENSING ACTION FOR  
GL 99-02, "LABORATORY TESTING OF NUCLEAR-GRADE ACTIVATED  
CHARCOAL" (TAC NOS. MA5769 AND MA5770)

Dear Mr. Keenan:

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

In response to GL 99-02, you provided a letter dated November 24, 1999, for the Brunswick Steam Electric Plant. Associated with your response was a request for a license amendment to change your TS to provide for testing as described in the GL. The NRC staff has reviewed your response and has concluded that you have provided the requested information and a TS change request. In addition, you have committed to test in accordance with ASTM D3803-1989 until your TS amendment is issued. Therefore, GL 99-02 is closed for your facility. The TS change will be reviewed as a separate, plant-specific action under TAC Nos. MA5769 and MA5770. Thank you for your prompt and complete response.

If you have any questions regarding this matter, please contact me.

Sincerely,

*/RA/*

Allen G. Hansen, Project Manager, Section 2  
Project Directorate II  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket Nos. 50-325 and 50-324

cc: See next page

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

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Allen G. Hansen, Project Manager, Section 2  
 Project Directorate II  
 Division of Licensing Project Management  
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