



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

May 26, 1999

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: COMPLETION OF LICENSING ACTION FOR GENERIC LETTER 96-01,
"TESTING OF SAFETY-RELATED LOGIC CIRCUITS," DATED JANUARY 10,
1996; SHEARON HARRIS NUCLEAR POWER PLANT (TAC NO. M94683)

Dear Mr. Scarola:

On January 10, 1996, the U. S. Nuclear Regulatory Commission (NRC) issued Generic Letter (GL) 96-01, "Testing of Safety-Related Logic Circuits," to all holders of operating licenses or construction permits. The NRC issued GL 96-01 for three principal reasons:

1. Notify addressees about problems with testing of safety-related logic circuits;
2. Request that all addressees implement the actions described within the generic letter; and
3. Require that all addressees submit to the NRC a written response regarding implementation of the requested actions.

In GL 96-01, the NRC staff specifically requested that licensees take the following actions:

1. Compare electrical schematics and logic diagrams for the reactor protection system, emergency diesel generator load shedding and sequencing, and actuation logic for the engineered safety feature systems against plant surveillance test procedures to ensure that all portions of the logic circuitry, including the parallel logic, interlocks, bypasses, and inhibit circuits, are adequately covered in the surveillance procedures to fulfill the technical specification requirements. This review should also include relay contacts, control switches, and other relevant electrical components within these systems, utilized in the logic circuits performing a safety function; and
2. Modify the surveillance procedures as necessary for complete testing to comply with the technical specifications. Additionally, the licensee may request an amendment to the technical specifications if relief from certain testing requirements can be justified.

Furthermore, the NRC staff required that addressees prepare and submit the following:

1. a written response indicating whether or not the licensee would implement the actions requested above or propose an alternative action;
2. a schedule for completing the requested actions or proposed alternative; and
3. a response confirming completion of the requested actions.

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J. Scarola

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May 26, 1999

In response to GL 96-01, you provided letters dated April 16, 1996, January 21, 1997, and May 4, 1999, for the Shearon Harris Nuclear Power Plant. These submittals provided both the information requested and the responses required by GL 96-01; therefore, TAC No. M94683 is closed.

Sincerely,

Original signed by:

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

Docket No. 50-400

cc: See next page

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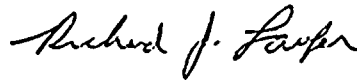
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Richard J. Laufer, Project Manager, Section 2
Project Directorate II
Division of Licensing Project Management
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Docket No. 50-400

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