



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION II
SAM NUNN ATLANTA FEDERAL CENTER
61 FORSYTH STREET, SW, SUITE 23T85
ATLANTA, GEORGIA 30303-8931

May 6, 2008

Mr. Robert J. Duncan, II
Vice President
Carolina Power & Light Company
Shearon Harris Nuclear Power Plant
P.O. Box 165, Mail Code: Zone 1
New Hill, NC 27562-0165

**SUBJECT: SHEARON HARRIS NUCLEAR PLANT – NOTIFICATION OF
INSPECTION OF THE IMPLEMENTATION OF B.5.b PHASE 2 AND 3
MITIGATING STRATEGIES USING TEMPORARY INSTRUCTION
2515/171**

Dear Mr. Duncan:

The purpose of this letter is to notify you that the U.S. Nuclear Regulatory Commission (NRC) staff will conduct an inspection at Shearon Harris Nuclear Plant the week of June 2, 2008. The inspection team will be led by Rodney Fanner from the NRC Region II office. The team will be composed of the resident inspector, an NRR inspector/contractor, and the team leader. The inspection will be conducted in accordance with NRC Temporary Instruction 2515/171, "Verification of Site Specific Implementation of B.5.b Phase 2 and 3 Mitigation Strategies."

In order for the NRC to adequately prepare for this inspection, please furnish the documents listed in Enclosure 1 to the NRC team lead, resident inspector, and NRR inspector (one copy each) at least two weeks prior to the planned on-site inspection. Please have available on-site at the beginning of the inspection the documents listed in Enclosure 2. Mike Wallace, of your staff, has been advised of this request and other inspection team support needs, including the names and addresses of the inspectors assigned to this inspection.

This letter contains information collections that are subject to the *Paperwork Reduction Act of 1995* (44 U.S.C. 3501 et seq.). These information collections were approved by the Office of Management and Budget, approval number 3150-0018, which expires on June 30, 2009.

Your cooperation and support during this inspection will be appreciated. If you have any questions regarding this inspection, please contact Rodney Fanner at 404-562-4638, or me at 404-562-4505.

Sincerely,

/RA/

Steven J. Vias, Chief
Technical Support Branch
Division of Reactor Projects

Docket No. 50-400
License No. NPF-63

- Enclosures:
1. Documentation Requested Prior to the Inspection
 2. Arrangements/Documents Requested to be Available Onsite During the Inspection Week

PUBLICLY AVAILABLE
 NON-PUBLICLY AVAILABLE
 SENSITIVE
 NON-SENSITIVE
 ADAMS: Yes
 ACCESSION NUMBER: _____

OFFICE	RII:DRP	RII:DRP					
SIGNATURE	RJF2	JSV					
NAME	RFanner	SVias					
DATE	05/06/2008	05/06/2008	05/ /2008	05/ 2008	05/ /2008	05/ /2008	05/ /2008
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

cc w/encl:

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Letter to Robert J. Duncan, II from Steven J. Vias dated May 06, 2008

SUBJECT: SHEARON HARRIS NUCLEAR PLANT – NOTIFICATION OF
INSPECTION OF THE IMPLEMENTATION OF B.5.b PHASE 2 AND 3
MITIGATING STRATEGIES USING TEMPORARY INSTRUCTION
2515/171

Distribution w/encl:

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L. Slack, RII
OE Mail
RIDSNNRRDIRS
PUBLIC
D. Nelson, NRR

DOCUMENTATION REQUESTED PRIOR TO THE INSPECTION

Please provide the items below two weeks prior to the onsite inspection week. For any items below not supplied prior to the onsite inspection week, please have the item available at the start of the onsite inspection. Please provide as much as possible in electronic format. You are reminded to properly identify and handle all Official Use Only-Security-Related Information and/or Proprietary Information in accordance with current guidance.

1. Copies of procedures/guidelines that were revised or generated to implement the mitigation strategies. These could be Extensive Damage Mitigation Guidelines (EDMGs), SAMGs, EOPs, AOPs, etc;
2. A matrix that shows the correlation between the mitigation strategies identified in NEI 06-12 and the site-specific procedures or guidelines used to implement the strategy;
3. Engineering evaluations/calculations that were used to verify engineering bases for the mitigation strategies;
4. Simplified flow diagrams for systems relied upon in the mitigation strategies; (These diagrams could be the type used for training.);
5. Simplified drawings/descriptions of modifications that were made to plant systems to implement the mitigation strategies; and
6. Electrical one line diagrams credited or revised to implement the mitigation strategies.

**ARRANGEMENTS/DOCUMENTS REQUESTED TO BE AVAILABLE ONSITE
DURING THE INSPECTION WEEK**

1. Provide a conference room to accommodate up to four (4) NRC staff. Preferably this would be outside the protected area.
2. Site B.5.b contact person(s) should be available for the week.
3. B.5.b engineering persons(s) should be on call for questions about any engineering calculations.
4. Appropriate Operations staff should be available, as needed, for plant walkdowns throughout the week.
5. Modification packages for any plant modifications performed as a result of B.5.b
6. Detailed drawings (e.g., P&IDs) of systems used to implement mitigating strategies
7. Copies of procedures/guidelines that were revised or generated to implement the mitigation strategies - these could be Extensive Damage Mitigation Guidelines (EDMGs), SAMGs, EOPs, AOPs, etc. This is the same as Item 1 to Enclosure 1, except that hard copies of these procedures/guidelines should be made available for each member of the inspection team.
8. Copies of procedures used to inventory equipment used in the mitigation strategies (e.g., hoses, fittings, pumps, etc.).
9. Training records/ training matrix/ lesson plans related to B.5.b
10. Copies of Memoranda of Understanding (MOUs) with local fire departments or other emergency services that are required to implement any mitigating strategies
11. Copies of any evaluations performed to document that enough equipment is available to implement the mitigating strategies (e.g., enough fire hose or electrical cable is available based on a plant walkdown or review of drawings)
12. You are reminded to properly identify and handle all Official Use Only - Security-Related Information and/or Proprietary Information in accordance with current guidance.