



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

September 10, 2008

Mr. William R. Campbell, Jr.  
Chief Nuclear Officer and Executive Vice President  
Tennessee Valley Authority  
6A Lookout Place  
1101 Market Street  
Chattanooga, TN 37402-2801

**SUBJECT: SEQUOYAH 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. Campbell:

The purpose of this letter is to notify you that the U.S. Nuclear Regulatory Commission (NRC) staff will conduct an inspection at the Sequoyah Nuclear Plant the week of October 6, 2008. The inspection team will be led by Mark Speck, resident inspector at Sequoyah. The team will be composed of an inspector from Region II, 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), Region II 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. Rusty Proffitt, 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 Mark Speck at (423) 842-8001, or me at 404-562-4662.

Sincerely,

*/RA/*

Eugene Guthrie, Chief  
Reactor Projects Branch 6  
Division of Reactor Projects

Docket Nos.: 50-327, 50-328  
License Nos.: DPR-77, DPR-79

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

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PUBLICLY AVAILABLE       NON-PUBLICLY AVAILABLE       SENSITIVE       NON-SENSITIVE  
 ADAMS:  Yes      ACCESSION NUMBER: ML082540382       SUNSI REVIEW COMPLETE

OFFICE	RII:DRP	RII:DRP					
SIGNATURE	GXG	MES4 by email					
NAME	GGuthrie	MSpeck					
DATE	09/10/2008	09/10/2008					
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 William R. Campbell, Jr. from Eugene Guthrie dated August 10, 2008.

SUBJECT: SEQUOYAH 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:

C. Evans, RII EICS

L. Slack, RII EICS

OE Mail

RIDSNRRDIRS

PUBLIC

B. Moroney, 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 or cross-reference 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.
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.