

April 11, 1995

Mr. J. W. Hampton  
Vice President, Oconee Site  
Duke Power Company  
P. O. Box 1439  
Seneca, SC 29679

SUBJECT: OCONEE SITE VISIT TO AUDIT IN-PROGRESS SEISMIC WALKDOWN  
ACTIVITIES

Dear Mr. Hampton:

During the week of April 17, 1995, a team of three NRC technical reviewers and two NRC contractors will visit the Oconee site to perform an audit of USI A-46/IPEEE in-progress seismic walkdown activities. The purpose of the audit is to observe and assess the effectiveness of your staff in identifying the seismic concerns with safe shutdown electrical and mechanical equipment. This is not an audit of the walkdown results and does not constitute the level of staff effort necessary to reach closure on these programs. This information will assist the NRC staff in evaluating the industry's effectiveness in implementing the generic guidance previously approved by the NRC. A brief description of the audit objective and scope is included in the Enclosure. All tours into the protected area will be escorted. This visit has been discussed with Mr. Ed Burchfield and Mr. Ray McCoy of your staff.

If you have any questions regarding this matter, contact me at (301) 415-1495.

Sincerely,  
Original signed by:  
L. A. Wiens, Senior Project Manager  
Project Directorate II-2  
Division of Reactor Projects-I/II  
Office of Nuclear Reactor Regulation

Docket Nos. 50-269, 50-270, and 50-287

Enclosure: As stated

cc w/encl: See next page

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UNITED STATES  
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

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A handwritten signature in cursive script, appearing to read "L. A. Wiens".

L. A. Wiens, Senior Project Manager  
Project Directorate II-2  
Division of Reactor Projects-I/II  
Office of Nuclear Reactor Regulation

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Mr. J. W. Hampton  
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Oconee Nuclear Station

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COMBINED NRR/RES AUDITS OF USI A-46/IPEEE LICENSEES'  
IN-PROGRESS SEISMIC WALKDOWN ACTIVITIES

Objective

Perform site audits of USI A-46/IPEEE licensees' in-progress seismic walkdown activities to assess licensees' effectiveness in identifying seismic concerns with USI A-46/IPEEE safe shutdown electrical and mechanical equipment, including the equipment supports and anchorages. The specific areas that will be examined during the audit will depend on activities being conducted by licensees of selected facilities at that time.

Scope Of Audit Activities

The audit team will observe the licensees' walkdown activities of safe shutdown electrical and mechanical equipment in order to assess whether the licensees are reasonably implementing the criteria and procedures delineated in the Generic Implementation Procedure, Revision 2 (GIP-2) and staff's Supplemental Safety Evaluation Report No. 2 dated May 22, 1992. The specific audit activities will include the following: (1) verifying the qualifications of the licensees' seismic walkdown team members; (2) observing the licensees' walkdown inspections of selected safe shutdown electrical and mechanical equipment; (3) reviewing a sample of completed equipment walkdown packages in accordance with the guidance provided in the Temporary Instruction (TI 2515/124) Attachment 3; and (4) assessing the effectiveness of the licensees' activities insofar as identifying and resolving equipment seismic concerns with focus on equipment anchorage and seismic interactions. Prior to the audit, the staff will discuss with the licensee the activities that may be observed and a plant-specific audit plan will be prepared. Plant-specific audit reports will be issued describing the items which were reviewed/observed, and the staff's assessments of the licensees' activities.

\* This part of the audit may not be possible if the licensee does not maintain the completed equipment walkdown packages at the plant site.

Audit Team Composition

The audit team will consist of up to four members selected from NRR, Research and contractors, with mechanical/structural backgrounds. The specific team composition will vary depending on the specific walkdown activities which will be observed during the site audit. The NRR member will be designated as the team leader.

Audit Schedule

Each site audit may require up to 5 days depending on the specific licensee activities which will be observed. In general, the audit schedule will be as follows:

- Day 1 Travel/Badging/Entrance
- Days 2-4 Audit in-progress walkdown activities, and, if possible, sample audit completed walkdown packages.
- Day 5 Exit/Travel

#### Prerequisite Knowledge/Training

The audit team members should have mechanical/structural engineering backgrounds, and knowledge of traditional equipment anchorage and seismic interaction concerns. In general, the audit team as a whole should have in-depth knowledge of both the USI A-46 and IPEEE program and related criteria/guidance documents, such as GIP-2 and EPRI NP-6041.

#### Candidate Facilities for NRC Audit

Based on available walkdown dates provided by licensees, the two facilities likely to be targeted for the in-progress seismic walkdown will be selected from the following candidate plants: Peach Bottom 2 & 3; Browns Ferry 3; Oconee 1, 2 or 3; Quad Cities 1; Vermont Yankee and Duane Arnold.