

Carol Ashley

From: EARLS, Chris [cee@nei.org]
Sent: Tuesday, August 05, 2008 12:04 PM
To: Ram Subbaratnam *NRU*
Subject: Proposed Wording Changes to ISG Section 4

Ram,

I have provided the proposed ISG section 4 wording changes below. As you will note, they are pretty straightforward. However, we believe these changes will help clarify the situation. Please let me know if there is any additional information that I can provide in advance of a conference call on this topic.

Thanks,

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nuclear. clean air energy.

4.3 Evaluation of Screened-In Equipment/Components

Describe the process for evaluating equipment and components that are screened in. Provide a table containing the list of HF sensitive mechanical and electrical equipment/components that will be evaluated ~~qualified~~ by testing or analysis, along with a reference for RRS for each item of equipment. Explain the method of generating the RRS at the location of support or attachment point within a structure or a cabinet that will be used in the evaluation. If a bounding input value or response spectrum is used, describe the methodology for developing the bounding input.

- 4.3.1 ~~The test procedure is to be consistent with the requirements of IEEE 344 as supplemented by NRC RG 4.100.~~ The method for ensuring proper input in the amplified portion of the RRS should be evaluated in accordance with IEEE Standard 344 to demonstrate that the proper frequency content with sufficient amplitude was used as input to the component ~~clearly stated along with t.~~ The basis for the acceptance criteria used to demonstrate functionality should also be clearly stated.
- 4.3.2 If a generic testing result is used, justify its applicability for the component specific considerations (e.g., mounting, natural frequencies, location specific response) to ensure adequate in-structure response and in-cabinet response amplifications.
- 4.3.3 Provide the results from the application of item 4.1.1, 4.1.2, 4.3.1, and 4.3.2 above and the disposition of equipment/components that do not meet the acceptance criteria.

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