



NUCLEAR ENERGY INSTITUTE

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July 30, 2010

Mr. Mark Cunningham
Office of Nuclear Reactor Regulation
Division of Risk Assessment
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Subject: Publication of NEI 07-12, "Fire Probabilistic Risk Assessment (FPRA) Peer Review Process Guidelines," Revision 1

Project Number: 689

Dear Mr. Cunningham:

Attached for your information is Revision 1 of NEI 07-12, "Fire Probabilistic Risk Assessment (FPRA) Peer Review Process Guidelines," which provides guidance for the performance of FPRA peer reviews, which are conducted to support regulatory applications. This revision of NEI 07-12 reflects lessons learned during the lead FPRA peer reviews and aligns the guidance with ASME/ANS RA-Sa-2009, Addendum A, "Standard for Level 1/Large Early Release Frequency Probabilistic Risk Assessment for Nuclear Power Plant Applications." The NEI PRA Peer Review Task Force has collaborated with the NEI FPRA Task Force to prepare this guidance, and it is being used in the conduct of all FPRA peer reviews.

Revisions to support improvements in the FPRA peer review process have been made in several areas, including the following areas:

- Expectations related to review of referenced internal events supporting requirements (Sections 1.4, 3.3.1, and A.3.1)
- Post-review week activities (Section 2.1)
- Peer review team qualification expectations (Section 2.2)
- Review team evaluation of partially complete analyses (Section 3.2)
- Review of recently-developed methods (Section 3.2)

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As these revisions focus on the peer review process rather than the technical aspects of peer review of FPRAs against ASME/ANS RA-Sa-2009, NEI does not believe that NRC endorsement of NEI 07-12, Revision 1 is necessary.

If you have any questions, please contact me or Victoria Anderson (202-739-8101; yka@nei.org).

Sincerely,

A handwritten signature in black ink, appearing to read "Biff Bradley". The signature is stylized with a large, sweeping flourish at the end.

Biff Bradley

c: Ms. Mary T. Drouin, RES/DRA/PRB, NRC
Mr. Donald G. Harrison, NRR/DRA/APLA, NRC
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