



NUCLEAR ENERGY INSTITUTE

**Alexander Marion**  
ACTING VICE PRESIDENT  
NUCLEAR OPERATIONS  
NUCLEAR GENERATION DIVISION

January 13, 2009

Mr. John A. Grobe  
Associate Director for Engineering and Safety Systems  
Office of Nuclear Reactor Regulations  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

**Subject:** NEI 00-01, Revision 2c, Guidance for Post-Fire Safe Shutdown Circuit Analysis – Draft.

**Project Number: 689**

Dear Mr. Grobe:

We are providing for your review and comment an updated copy of the Draft Revision to NEI 00-01, *Guidance for Post-Fire Safe Shutdown Circuit Analysis*. The enclosed copy supersedes the version provided in our letter dated December 18, 2008. The updated copy incorporates recently received comments from the Industry Pilot Plant Team exercising the guidance, corrects the inadvertent omission of Table G-1 in some copies, and provides resized copies of 11x17 sheets to facilitate incorporation of the document into the ADAMS system.

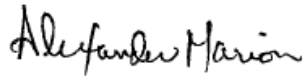
As stated in our earlier letter, we believe that the enclosed draft revision addresses all of the issues raised by your staff and clarifies the language into a workable solution. We look forward to NRC endorsement of NEI 00-01, Revision 2c, without exceptions, for industry use. The document has been sent to the Industry for review and comment.

An endorsement of the document by the NRC will fulfill the Industry and NRC goal for resolving the multiple spurious circuit failure issue by having a method acceptable to both, the regulator and the industry, for performing circuit analysis and determining the risk significance of potential issues.

Mr. John A. Grobe  
January 13, 2009  
Page 2

If you have any questions regarding this document, please do not hesitate to contact me at 202-739-8080; [am@nei.org](mailto:am@nei.org) or Steven Hutchins 202-739-8025; [sph@nei.org](mailto:sph@nei.org).

Sincerely,

A handwritten signature in black ink that reads "Alexander Marion". The script is cursive and fluid, with the first name "Alexander" and last name "Marion" clearly distinguishable.

Alexander Marion

Enclosure

c: Mr. Alex R. Klein, NRR/ADES/DRA/AFP, NRC  
Document Control