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NUCLEAR ENERGY INSTITUTE

Jack W. Roe  
DIRECTOR  
OPERATIONS SUPPORT  
NUCLEAR GENERATION DIVISION

August 6, 2007

Mr. Roy P. Zimmerman  
Director, Office of Nuclear Security and Incident Response  
U.S. Nuclear Regulatory Commission  
Mail Stop 4 D 18  
Washington, DC 20555

**Subject:** NRC Staff Review of NEI 04-04, *Cyber Security Program for Power Reactors, Revision 2*

**Project Number: 689**

Dear Mr. Zimmerman:

Recently, the industry and the NRC staff completed a comparison of NEI 04-04, *Cyber Security Program for Operating Reactors, Revision 1*, November 2005 with Regulatory Guide 1.152 "Criteria for Use of Computers in Safety Systems of Nuclear Power Plants", Revision 2, January 2006. NEI 04-04, Revision 1 was previously determined to be an acceptable method for establishing and maintaining a cyber security program at nuclear power plants by NRC letter dated December 23, 2005.

Enclosed is NEI 04-04, *Cyber Security Program for Power Reactors, Revision 2* dated August 4, 2007, which has been updated to address comments and concerns raised by the Industry following a gap-analysis between NEI 04-04, Revision 1 and Regulatory Guide 1.152, Revision 2.

NEI requests the NRC to review the modifications made to NEI 04-04, Revision 2 and determine if the enclosed guide remains an acceptable method for establishing and maintaining a cyber security program at nuclear power plants. Changes from Revision 1 are highlighted in yellow.

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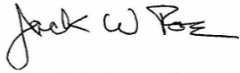
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NEI understands that if the modifications made to NEI 04-04, Revision 2 adequately incorporate and programmatically address the NRC's rules, regulations, and orders, the NRC will issue regulatory guidance that would allow licensees the option to follow either Regulatory Guide 1.152 or NEI 04-04, Revision 2 when seeking to secure the appropriate systems. If this understanding is not correct, NEI does not request review and acceptance of NEI 04-04, Revision 2.

If you have any further questions, please contact me at 202-739-8105; [jwr@nei.org](mailto:jwr@nei.org).

Sincerely,

A handwritten signature in black ink that reads "Jack W. Roe". The signature is written in a cursive style with a horizontal line at the end.

Jack W. Roe

Enclosure