



NUCLEAR ENERGY INSTITUTE

**Adrian P. Heymer**  
SENIOR DIRECTOR, NEW PLANT DEPLOYMENT  
NUCLEAR GENERATION DIVISION

February 7, 2006

Mr. Eugene Imbro  
Chief Mechanical and Civil Engineering Branch  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

**Project Number 689**

Dear Mr. Imbro:

On January 25, 2006, we forwarded three reports documenting results of the industry program to address the resolution of seismic issues associated with siting new nuclear power plants in the Central and Eastern United States (CEUS).

As stated in our letter of January 26, 2006, the fourth of the series of five reports for NRC review is enclosed:

**Spatial Coherency Models for Soil Structure Interactions EPRI Report 1012968**

As per the previously submitted reports, the industry requests the NRC review of the report in order to facilitate development of a common understanding on the revised regulatory requirements for siting of the new plants.

If you or your staff have questions regarding the submittal of the report, please contact Cedric Jobe at (202) 739-8128, [cij@nei.org](mailto:cij@nei.org) or me at (202) 739-8094, [aph@nei.org](mailto:aph@nei.org).

Sincerely,

Adrian P. Heymer

Enclosure

c: Dr. William D. Beckner w/o enclosure  
Dr. Andrew J. Murphy w/o enclosure  
Document Control Desk

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