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August 17, 2007

Mr. Nilesh C. Chokshi  
Deputy Director  
Division of Site and Environmental Review  
Office of New Reactors  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

**Subject:** Response to NRC Questions and Revised Industry White Paper "*Testing of Dynamic Soil Properties for Nuclear Power Plant COL Applications*"

**Project Number: 689**

Dear Mr. Chokshi:

Enclosed is the industry's response to the staff's questions regarding dynamic soils testing for new nuclear power plants. Also, a revised white paper on testing of dynamic soil properties is enclosed. This paper has been updated to reflect the presentation the industry provided at the May 31<sup>st</sup> meeting with the NRC. The industry believes that these documents describe an acceptable method to prioritize dynamic soils testing for COL applications.

If you have any questions on this letter or its enclosures, please contact Leslie Kass at (202) 739-8115; [lk@nei.org](mailto:lk@nei.org).

Sincerely,

A handwritten signature in dark ink, appearing to read "Adrian P. Heymer", is written over a light gray, textured rectangular background.

Adrian P. Heymer

Enclosures

c: Mr. Goutam Bagchi, NRC  
Dr. Andrew J. Murphy, NRC  
NRC Document Control Desk