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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 31st 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; lck@nei.org.

Sincerely,

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

Adrian P. Heymer

Enclosures

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