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June 12, 2009

Mr. Nilesh Chokshi
Deputy Director
Division of Site and Environmental Reviews
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Subject: White Paper in Support of New Plant Applications

Project Number: 689

Dear Mr. Chokshi:

Based on the outcome of the September 25-26, 2008 meeting between the NRC staff and the NEI Seismic Issues Task Force, the industry developed a white paper describing one option for ground motion input to soil-structure interaction analyses. We appreciate the feedback you provided in a letter dated January 9, 2009. We have incorporated your comments and are forwarding the enclosed final white paper to you to support revised interim staff guidance on this subject.

If further discussion is needed on this subject, please contact me or Kimberly Keithline (kak@nei.org; 202-739-8121).

Sincerely,

A handwritten signature in black ink, appearing to read "RJB", is written over a light blue horizontal line.

Russell J. Bell

Enclosure

c: Dr. Rebecca Karas, U.S. Nuclear Regulatory Commission
Dr. Clifford Munson, U.S. Nuclear Regulatory Commission
Dr. Yong Li, U.S. Nuclear Regulatory Commission
Dr. Jon Ake, U.S. Nuclear Regulatory Commission
Dr. Robert Kassawara, Electric Power Research Institute
Mr. Jeff Hamel, Electric Power Research Institute
NRC Document Control Desk