NUCLEAR ENERGY INSTITUTE

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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:

In the NEI letter to you dated January 25, 2006, we requested NRC review of three reports documenting results of industry work to resolve seismic issues associated with siting of new nuclear facilities in the Central and Eastern United States (CEUS).

In a subsequent review of the EPRI report 1012965, "*Use of Minimum CAV in Determining Effects of Small Magnitude Earthquakes on Seismic Hazard Analyses,*" the functional form of equation 2-1 on page 2-7 was found to have incorrectly represented the quantity as (V_{s30}) instead of the natural log of (V_{s30}.). The *Errata Sheet* for the report, correcting the equation is attached.

We regret any inconvenience caused by the error in the report.

Should you have any questions regarding this letter, please contact Cedric Jobe at (202) 739-8128, cij@nei.org or me at (202) 739-8094, aph@nei.org.

Sincerely,

Adrian P. Heymer

Enclosure

c: Dr. William D. Beckner, NRC
Dr. Andrew J. Murphy, NRC
Document Control Desk

Errata to "*Use of Minimum CAV in Seismic Hazard Analyses.* EPRI, Palo Alto, CA and the U.S. Department of Energy: 2005. 1012965."

Equation 2-1 contains an error in the functional form. It should include the natural log of the V_{s30}. The corrected equation 2-1 is given below:

$$\ln(CAV(g-s)) = \begin{cases} c_0 + c_1(M-6.5) + c_2(M-6.5)^2 + c_3\ln(PGA) \\ +c_4\left(\ln(PGA)\right)^2 + c_5\left(\ln(PGA)\right)^3 + c_6\left(\ln(PGA)\right)^4 \\ +c_7(\ln(V_{S30})-6) + c_8\ln(Dur_{uni}) + c_9\left(\ln(Dur_{uni})\right)^2 & for PGA \le 1g \\ \\ c_0 + c_1(M-6.5) + c_2(M-6.5)^2 + c_3\ln(PGA) \\ +c_7(\ln(V_{S30})-6) + c_8\ln(Dur_{uni}) + c_9\left(\ln(Dur_{uni})\right)^2 & for PGA > 1g \end{cases}$$