



NUCLEAR ENERGY INSTITUTE

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July 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:** Bechtel Report "SASSI-SRSS Approach for SSI Analysis with Incoherent Ground Motions"

**Project Number: 689**

Dear Mr. Chokshi:

Enclosed is the subject draft report from Bechtel on SASSI-SRSS codes. The industry is providing this document to further describe the methodology for SSI analysis with incoherent ground motions. This document will be finalized after the meeting with the NRC at EPRI's offices on July 23 and 24 and is meant to provide additional details.

If you have any questions on this letter or its enclosure, please contact Leslie Kass at (202) 739-8115; [lck@nei.org](mailto:lck@nei.org) or Dr. Farhang Ostadan of Bechtel at (415) 768-3734; [fostadan@bechtel.com](mailto:fostadan@bechtel.com).

Sincerely,

Adrian P. Heymer

Enclosure

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

# **SASSI-SRSS Approach for SSI Analysis with Incoherent Ground Motions**

**July 2007**

**Farhang Ostadan**

**Nan Deng**

**Bechtel National  
San Francisco, CA**

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