

August 25, 2009

Dr. Mario V. Bonaca, Chairman
Advisory Committee on Reactor Safeguards
U.S. Nuclear Regulatory Commission
Washington, DC 20055-0001

SUBJECT: RESPONSE TO THE ADVISORY COMMITTEE ON REACTOR SAFEGUARDS
LETTER, DATED JULY 27, 2009, ON THE DRAFT FINAL REVISION 3 TO
REGULATORY GUIDE 1.100, "SEISMIC QUALIFICATION OF ELECTRICAL
AND ACTIVE MECHANICAL EQUIPMENT AND FUNCTIONAL
QUALIFICATION OF ACTIVE MECHANICAL EQUIPMENT FOR NUCLEAR
POWER PLANTS"

Dear Dr. Bonaca:

I am responding to your letter dated July 27, 2009, regarding the Advisory Committee on Reactor Safeguards (ACRS) meeting on July 8-10, 2009.

During the full committee meeting, the staff discussed how seismic qualification of electrical and active mechanical equipment may be performed by licensees. The discussion also included functional qualification of mechanical equipment. We appreciate the ACRS's recommendation to better clarify the process for submitting and approving the use of earthquake experience data so as to obviate the need for case-by-case review. In the final version of Regulatory Guide (RG) 1.100, we added a statement that a topical report may be submitted for staff review. In addition, we will remain cognizant of revisions to the industry standards endorsed by this RG to refine the guidance in the future.

We appreciate the recommendation and comments provided by the ACRS.

Sincerely,

/RA Martin J. Virgilio for/

R.W. Borchardt
Executive Director
for Operations

cc: Chairman Jaczko
Commissioner Klein
Commissioner Svinicki
SECY

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ADAMS Accession No.: ML092170813

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