

July 29, 2009

Dr. Mario V. Bonaca, Chairman
Advisory Committee on Reactor Safeguards
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

SUBJECT: SAFETY EVALUATION FOR THE MITSUBISHI HEAVY INDUSTRIES
TOPICAL REPORT MUAP-07006-P, REVISION 2, "DEFENSE-IN-DEPTH AND
DIVERSITY," RELATED TO THE U.S. ADVANCED PRESSURIZED WATER
REACTOR DESIGN

Dear Dr. Bonaca:

On behalf of the U.S. Nuclear Regulatory Commission, I would like to thank you for your June 25, 2009, letter, which provided the Advisory Committee on Reactor Safeguards' (ACRS or Committee) views on the staff's safety evaluation for the Mitsubishi Heavy Industries, Ltd. (MHI), Topical Report MUAP-07006-P, Revision 2, "Defense-in-Depth and Diversity," for the U.S. Advanced Pressurized Water Reactor. Your letter was in response to discussions with the staff and MHI during the 563rd meeting of the ACRS, held June 3-4, 2009, and recommended approval.

We accept your recommendation and will issue the "Defense-in-Depth and Diversity" safety evaluation. The staff appreciates the Committee's continued interest and collaborative efforts with the staff on MHI's "Defense-in-Depth and Diversity."

Sincerely,

/RA Bruce S. Mallett for/

R. W. Borchardt
Executive Director
for Operations

cc: Chairman Jaczko
Commissioner Klein
Commissioner Svinicki
SECY

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