

May 31, 2013

Dr. J. Sam Armijo, Chairman
Advisory Committee on Reactor Safeguards
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

SUBJECT: WCAP-17116-P, "WESTINGHOUSE BWR ECCS EVALUATION MODEL:
SUPPLEMENT 5 – APPLICATION TO ABWR"

Dear Dr. Armijo:

I am writing in response to the letter from the Advisory Committee on Reactor Safeguards (ACRS), dated May 2, 2013. The letter addressed the U.S. Nuclear Regulatory Commission staff's safety evaluation (SE) of the licensing topical report (LTR) WCAP-17116-P. The ACRS discussed the staff's evaluation during its 603rd meeting on April 11-12, 2013. The ACRS Advanced Boiling Water Reactor (ABWR) subcommittee had previously met to discuss technical aspects of the combined license and the staff's SE on March 5, 2013.

The ACRS's letter included the following recommendation:

Recommendation: The Westinghouse Boiling Water Reactor Emergency Core Cooling System Evaluation Model-Supplement 5 LTR (WCAP-17116-P) should be approved for application to ABWR designs, subject to the conditions and limitations imposed by the staff.

Staff Response: The staff agrees with the recommendation of the Committee. The conditions and limitations imposed by staff are contained in the staff's SE.

Dr. J. S. Armijo

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We thank the ACRS for its time and its valuable input, and we look forward to working with the Committee in the future.

Sincerely,

/RA Michael R. Johnson for/

R. W. Borchardt
Executive Director
for Operations

cc: Chairman Macfarlane
Commissioner Svinicki
Commissioner Apostolakis
Commissioner Magwood
Commissioner Ostendorff
SECY

Dr. J. S. Armijo

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We thank the ACRS for its time and its valuable input, and we look forward to working with the Committee in the future.

Sincerely,

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