

February 11, 2014

Mr. John Stetkar, Chairman  
Advisory Committee on Reactor Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

SUBJECT: SAFETY EVALUATION OF US-APWR TOPICAL REPORT MUAP-07001,  
REVISION 5, "THE ADVANCED ACCUMULATOR"

Dear Mr. Stetkar:

On behalf of the U.S. Nuclear Regulatory Commission staff, I would like to thank you for the Advisory Committee on Reactor Safeguards' (ACRS) letter of January 6, 2014, regarding the safety evaluation report (SER) for Topical Report MUAP-07001, Revision 5, "The Advanced Accumulator," associated with the United States - Advanced Pressurized Water Reactor (US-APWR) design. Your letter was in response to advanced accumulator SER discussions held during the 610<sup>th</sup> meeting of the ACRS on December 5, 2013.

The subject safety evaluation is the result of the efforts of many dedicated staff and their effective interactions with the applicant, Mitsubishi Heavy Industries, Ltd. (MHI). Your favorable letter is a testament to the staff's thorough evaluation of the US-APWR advanced accumulator design and its application. The staff continues to work many areas of the US-APWR design certification and looks forward to meeting with the ACRS in the future.

Sincerely,

*/RA/*

Mark A. Satorius  
Executive Director  
for Operations

Docket No. 52-021

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

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