

March 31, 2017

Dr. Dennis C. Bley, Chairman  
Advisory Committee on Reactor Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

SUBJECT: SAFETY EVALUATION OF TOPICAL REPORT "FLUIDIC DEVICE DESIGN FOR  
THE APR1400"

Dear Dr. Bley:

On behalf of the U.S. Nuclear Regulatory Commission staff, I would like to thank you for the letter from the Advisory Committee on Reactor Safeguards (ACRS) dated February 21, 2017, on the safety evaluation (SE) for Topical Report APR1400-Z-M-TR-12003, December 2012, Revision 0, "Fluidic Device Design for the APR1400," associated with the Advanced Power Reactor 1400 (APR1400) design. Your letter was in response to the discussions on the fluidic device design SE that took place during ACRS' 640th meeting on February 9–11, 2017.

The staff appreciates the ACRS' thorough review and continues to work on many areas of the APR1400 design certification. We look forward to future meetings with the ACRS.

Sincerely,

***/RA Michael R. Johnson Acting for/***

Victor M. McCree  
Executive Director  
for Operations

Docket No. 52-046

cc: Chairman Svinicki  
Commissioner Baran  
Commissioner Burns  
SECY

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THE APR1400 DATE: March 31, 2017

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