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NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

February 14, 2017

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

SUBJECT: ACRS ASSESSMENT OF THE QUALITY OF SELECTED NRC RESEARCH  
PROJECTS – FY 2017

Dear Dr. Bley:

Thank you for the Committee's recent letter dated January 11, 2017, transmitting the report entitled, "ACRS Assessment of the Quality of Selected NRC Research Projects – FY 2016." This annual report assists the Office of Nuclear Regulatory Research (RES) in evaluating the quality and usefulness of selected programs to support the mission of the U.S. Nuclear Regulatory Commission (NRC).

The purpose of this letter is to propose multiple NRC research project candidates for ACRS consideration and review during FY 2017. The candidate projects are listed here for your consideration:

- NUREG-2206, "Technical Basis for the Containment Protection and Release Reduction Rulemaking for Boiling Water Reactors with Mark I and Mark II Containments," estimated for publication in May 2017 (draft report - ML17030A219).
- NUREG/CR-7222, "Tsunami Hazard Assessment Based on Wave Generation, Propagation, and Inundation Modeling for the U.S. East Coast," July 2016 (ML16193A021).
- NUREG/CR-4513, Rev. 2, "Estimation of Fracture Toughness of Cast Stainless Steels During Thermal Aging in LWR Systems," May 2016 (ML16145A082).
- NUREG-2156, "The U.S. [Human Reliability Analysis] Empirical Study," June 2016 (ML16179A124).
- NUREG-2208, "Validation of Computational Fluid Dynamics Methods Using Prototypic Light Water Reactor Spent Fuel Assembly Thermal Hydraulic Data," estimated for publication in April 2017 (draft report - ML16320A107).

Dr. Bley

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The RES staff values the Committee's review and will use your suggestions to improve our research program.

Sincerely,

**/RA/**

Edwin M. Hackett, Acting Director  
Office of Nuclear Regulatory Research

ACRS ASSESSMENT OF THE QUALITY OF SELECTED NRC RESEARCH PROJECTS – FY 2017

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