



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

February 13, 2015

Mr. John W. Stetkar, 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 2015

Dear Mr. Stetkar:

Thank you for your recent letter dated November 25, 2014, transmitting the Advisory Committee on Reactor Safeguards (ACRS) report entitled, "ACRS Assessment of the Quality of Selected NRC Research Projects – FY 2014." 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 review during FY 2015. The candidate projects are listed here for your consideration:

- NUREG-2162: "Weld Residual Stress Finite Element Analysis Validation: Part 1 – Data Development Effort" (ML14087A118)
- NUREG/CR-7153, Vol. 1-5: "Expanded Materials Degradation Analysis (EMDA)" (ML14279A321, ML14279A331, ML14279A349, ML14279A430, ML14279A461)
- NUREG/CR-7176: "Safety and Regulatory Issues of the Thorium Fuel Cycle" (ML14050A083)
- NUREG/CR-7178: "Uranium Sequestration during Biosimulated Reduction and in Response to Return of Toxic Conditions in Shallow Conditions" (ML14358A072)
- NUREG/CR-7167: "Assessing the Potential for Bioremediation of Uranium In Situ Recovery Sites" (ML14184B139)
- NUREG/CR-7177: "Compendium of Analyses to Investigate Select Level 1 Probabilistic Risk Assessment End-State Definition and Success Criteria Modeling Issues" (ML14148A126)

Mr. Stetkar

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The RES staff values the Committee's input and will use your suggestions to further improve our programs in the future.

Sincerely,

/RA/

Brian W. Sheron, Director
Office of Nuclear Regulatory Research

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/RA/

Brian W. Sheron, Director
Office of Nuclear Regulatory Research

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