



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
ADVISORY COMMITTEE ON REACTOR SAFEGUARDS
WASHINGTON, DC 20555 - 0001**

November 15, 2010

Dr. Brian Sheron, Director
Office of Nuclear Regulatory Research
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

SUBJECT: ACRS ASSESSMENT OF THE QUALITY OF SELECTED NRC RESEARCH
PROJECTS - FY 2010

Dear Dr. Sheron:

Enclosed is our report on the quality assessment of the following research projects:

- Modeling a Digital Feedwater Control System Using Traditional Probabilistic Risk Assessment Methods (NUREG/CR-6997)
 - This project was found to be of superior professional quality with some elements of innovation
- Human Factors Considerations with Respect to Emerging Technology in Nuclear Power Plants (NUREG/CR-6947)
 - ACRS concluded that NUREG/CR-6947 by itself is not a technical research report suitable for quality review by ACRS. Even as a summary/management report, it could be substantially improved by clarifying priorities, interdependencies, and intended continued activities

These projects were selected from a list of candidate projects suggested by the Office of Nuclear Regulatory Research.

We anticipate receiving a list of candidate projects for quality assessment in FY-2011 prior to our February 10-12, 2011, meeting.

Sincerely,

/RA/

Said Abdel-Khalik
Chairman

Enclosure: As stated

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Letter to Dr. Brian Sheron, Director, NRR, from Said Abdel-Khalik, Chairman, ACRS, dated November 15, 2010

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