

May 19, 2011

Dr. Said Abdel-Khalik, Chairman
Advisory Committee on Reactor Safeguards
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

SUBJECT: CHAPTERS 2, 4, 5, 8, 10, 11, 12, 16, 17, AND 19 OF THE SAFETY EVALUATION REPORT WITH OPEN ITEMS ASSOCIATED WITH THE CALVERT CLIFFS NUCLEAR POWER PLANT, UNIT 3, COMBINED LICENSE APPLICATION

Dear Dr. Abdel-Khalik:

Thank you for your letter dated April 19, 2011, about the safety evaluation report (SER) with open items (OIs) associated with the combined license application for Calvert Cliffs Nuclear Power Plant, Unit 3. As discussed during the 582nd meeting of the Advisory Committee on Reactor Safeguards (ACRS) on April 7, 2011, the staff is currently working to resolve the OIs associated with the review of Chapter 2, "Site Characteristics" (except for Sections 2.4, "Hydrologic Engineering," and 2.5, "Geotechnical Engineering"); Chapter 4, "Reactor"; Chapter 5, "Reactor Coolant System and Connected Systems"; Chapter 8, "Electric Power"; Chapter 10, "Steam and Power Conversion"; Chapter 11, "Radioactive Waste Management"; Chapter 12, "Radiation Protection"; Chapter 16, "Technical Specifications"; Chapter 17, "Quality Assurance"; and Chapter 19, "Probabilistic Risk Assessment and Severe Accident Evaluation."

The staff is pleased to learn that your review of the staff's SER with OIs for Chapters 2 (except for Sections 2.4 and 2.5), 4, 5, 8, 10, 11, 12, 16, 17, and 19 has not identified any issues that merit further consideration by ACRS at this time. The staff also understands that the SER with OIs for Sections 2.4 and 2.5 will be reviewed at a future evolutionary power reactor subcommittee meeting, and that the conclusions in these two sections of the SER may affect conclusions reached by ACRS on the chapters that are referenced in this letter.

S. Abdel-Khalik

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The staff appreciates the willingness of ACRS to review the staff's SER with OIs on a chapter-by-chapter basis during this phase of the review process and looks forward to future meetings with ACRS.

Sincerely,

/RA Martin Virgilio for/

R. W. Borchardt
Executive Director
for Operations

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

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