

May 31, 2012

Dr. J. Sam Armijo, Chairman
Advisory Committee on Reactor Safeguards
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

SUBJECT: CHAPTERS 6, 7, 15, AND 18 OF THE SAFETY EVALUATION REPORT WITH
OPEN ITEMS ASSOCIATED WITH THE CALVERT CLIFFS NUCLEAR POWER
PLANT, UNIT 3, COMBINED LICENSE APPLICATION

Dear Dr. Armijo:

Thank you for your letter dated April 25, 2012, regarding the safety evaluation report (SER) with open items (OIs) associated with the Calvert Cliffs Nuclear Power Plant, Unit 3, Combined License Application. As discussed during the 593rd meeting of the Advisory Committee on Reactor Safeguards (ACRS) on April 12-14, 2012, the staff is currently working to resolve the OIs associated with the review of the following chapters of the SER:

1. Chapter 6, "Engineered Safety Features"
(except for Section 6.2.1, "Containment Functional Design," Section 6.2.2, "Containment Heat Removal Systems," and Section 6.3, "Emergency Core Cooling System")
2. Chapter 7, "Instrumentation and Controls"
3. Chapter 15, "Transient and Accident Analysis"
4. Chapter 18, "Human Factors Engineering"

The NRC staff is pleased to learn that in your review of the SER with OIs for Chapter 6 (except for Section 6.2.1, Section 6.2.2. and Section 6.3), Chapter 7, Chapter 15, and Chapter 18, you have not identified additional issues that merit further consideration by the Advisory Committee. The staff also understands that these SER chapters can move to Phase 4 of the strategy for preparation of the SER for the Calvert Cliffs Unit 3 application.

J. Sam Armijo

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

Sincerely,

/RA/

R. W. Borchardt
Executive Director
for Operations

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

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