

November 4, 2010

MEMORANDUM TO: Edwin M. Hackett, Executive Director  
Advisory Committee on Reactor Safeguards

FROM: David B. Matthews, Director **/RA Frank Akstulewicz for/**  
Division of New Reactor Licensing  
Office of New Reactors

SUBJECT: VIRGIL C. SUMMER NUCLEAR STATION UNITS 2 AND 3  
COMBINED LICENSE APPLICATION – SAFETY EVALUATION  
WITHOUT OPEN ITEMS FOR CHAPTER 18, “HUMAN FACTORS  
ENGINEERING”

By letter dated March 27, 2008 (ML081300460), South Carolina Electric & Gas (SCE&G) submitted an application to the U.S. Nuclear Regulatory Commission (NRC) for a combined license (COL) for Virgil C. Summer Nuclear Station Units 2 and 3.

Based on our review of the application, the staff is providing the Advisory Committee on Reactor Safeguards (ACRS) its Advanced Safety Evaluation (ASE), without open items for Chapter 18, “Human Factors Engineering” (ML101250016). Unless otherwise stated in the ASE, the staff’s review was based on Revision 2 of the application. The ASE is being provided to support a meeting of the subcommittee of the ACRS on December 2010. The ACRS Full Committee meeting will be held after the subcommittee meeting.

For Chapter 18, the staff plans on focusing their presentation on the following specific categories of interest:

- Necessary changes to 18.2 – HFE Program Management
- Tier 2 Departure in 18.8
- Effect of Vogtle Action Item from September 2010 Meeting on Summer Application

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The staff concludes that the ASE does not contain any information exempt from public disclosure. However, the NRC will withhold the ASE from public disclosure for ten business days to allow SCE&G the opportunity to verify the staff's conclusion that the ASE contains no such exempt information. Therefore, the staff requests that the ACRS withhold the ASE from public disclosure until it has been released publicly in the Agencywide Documents Access and Management System (ADAMS).

The staff will inform the ACRS immediately if SCE&G requests that any of the information in the ASE be withheld from public disclosure.

Docket Nos. 52-027  
52-028

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**ADAMS Accession Numbers:**    **PKG: ML100700403**  
    **SE: ML101250016**  
    **Cover Letter: ML101550702**

**ACRS Memo: ML101550703** **NRO-002**

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