

November 17, 2010

Mr. Stephen A. Byrne  
Senior Vice President  
and Chief Nuclear Officer  
South Carolina Electric & Gas Company  
Columbia, South Carolina 29218

SUBJECT: VIRGIL C. SUMMER NUCLEAR STATION UNITS 2 AND 3 - COMBINED  
LICENSE APPLICATION - ADVANCED SAFETY EVALUATION WITHOUT OPEN  
ITEMS FOR CHAPTER 6, "ENGINEERED SAFETY FEATURES"

Dear Mr. Byrne:

The U.S. Nuclear Regulatory Commission staff is preparing an Advanced Safety Evaluation (ASE) without open items (OIs) for each chapter of the Virgil C. Summer Nuclear Station (VCSNS), Units 2 and 3 Combined License Application (COLA) submitted by South Carolina Electric & Gas Company (SCE&G) on March 27, 2008.

The staff's ASE without OIs for Chapter 6, "Engineered Safety Features," is being provided to the Advisory Committee on Reactor Safeguards (ACRS) Subcommittee to support upcoming meetings of the ACRS Subcommittee, scheduled to be held in December 2010.

The enclosed ASE without OIs is being provided only to SCE&G for review of proprietary information pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390 "Public Inspections, Exemptions, Requests for Withholding." The staff concludes that the enclosed ASE does not contain any information for which exemption from public disclosure has been sought or approved or any factual errors. However, the NRC will withhold the enclosed ASE from public disclosure for ten business days from the date of this letter to allow you the opportunity to verify the staff's conclusion that the ASE contains no such exempt information or any factual errors. If within the ten day period, you do not request that all or portions of the ASE be withheld from public disclosure, the enclosure will be made available for public inspection through the NRC Public Document Room and the Publicly Available Records component of NRC's Agencywide Documents Access and Management System (ADAMS) and placed on the NRC's public web page for this application.

Document transmitted herewith contains sensitive unclassified information. When separated from the enclosure this document is "DECONTROLLED."

S. Byrne

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If you have any questions, please contact Mr. Don Habib, the project manager at (301) 415-1035, [don.habib@nrc.gov](mailto:don.habib@nrc.gov) or Mr. Joseph Sebrosky, the lead project manager for the VCSNS COL application at (301) 415-1132, [joseph.sebrosky@nrc.gov](mailto:joseph.sebrosky@nrc.gov).

Sincerely,

**/RA/**

Jeffrey Cruz, Chief  
AP1000 Projects Branch (NWE 1)  
Division of New Reactor Licensing  
Office of New Reactors

Docket Nos. 52-027  
52-028

Enclosure:  
Safety Evaluation, Chapter 6

cc w/o encl: See next page

S. Byrne

-2-

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**/RA/**

Jeffrey Cruz, Chief  
AP1000 Projects Branch (NWE 1)  
Division of New Reactor Licensing  
Office of New Reactors

Docket Nos. 52-027  
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Enclosure:  
Safety Evaluation, Chapter 6

cc w/o encl: See next page

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(Revised 09/09/2010)

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