

December 10, 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 19, APPENDIX 19.A “LOSS OF LARGE AREAS OF THE
PLANT DUE TO EXPLOSIONS OR FIRES (LOLA)” AND ATTACHMENT A TO
APPENDIX 19.A

Dear Mr. Byrne:

The U.S. Nuclear Regulatory Commission (NRC) staff is preparing an Advanced Safety Evaluation (ASE) without open items 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 (SCE&G) on March 27, 2008.

The staff’s two ASEs without OIs for Chapter 19, Appendix 19.A “Loss of Large Areas of the Plant Due to Explosions or Fires (LOLA),” and Attachment A to Appendix 19.A are being provided to the Advisory Committee on Reactor Safeguards (ACRS) Subcommittee to support upcoming meetings of the ACRS Subcommittee, scheduled to be held in January 2011.

The enclosed ASEs without OIs are 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 ASE related to Chapter 19, Appendix 19.A, Attachment A, contains security-related information and has prepared a security-related version of the ASE accordingly.

The staff concludes that the ASE related to Chapter 19, Appendix 19.A 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 nonsecurity-related 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 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

-2-

If you have any questions, please contact Ms. Denise McGovern, the project manager at (301) 415-0618, denise.mcgovern@nrc.gov, or Mr. Joseph Sebrosky, the lead project manager for the VCSNS COLA at (301) 415-1132, 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

Enclosures:

Safety Evaluation, Chapter 19, Appendix 19.A (Public)

Safety Evaluation, Chapter 19, Attachment A to Appendix 19.A (Non-Public)

cc w/o encl: See next page

S. Byrne

-2-

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(Revised 12/08/2010)

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