

December 10, 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 - ADVANCED SAFETY  
EVALUATION WITHOUT OPEN ITEMS FOR CHAPTER 19,  
APPENDIX 19.A "LOSS OF LARGE AREAS OF THE PLANT  
DUE TO EXPLOSIONS OR FIRES" AND ATTACHMENT A TO  
APPENDIX 19.A

By letter dated March 27, 2008, 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 (VCSNS), 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 19, Appendix 19.A "Loss of Large Areas of the Plant Due to Explosions or Fires (LOLA)," (ML103350636) and the Attachment A to Appendix 19.A (ML103370008).

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 scheduled for January 2011. The ACRS Full Committee meeting will be held after the subcommittee.

For Chapter 19, Appendix 19.A, the staff plans on focusing its presentation on the plant specific strategies intended to maintain or restore core cooling, containment and spent fuel cooling capabilities following a beyond-design basis event resulting in the loss of large areas of the plant due to explosions or fires.

CONTACT: Denise McGovern, NRO/DNRL  
301-415-0681

The staff concludes that the Chapter 19, Appendix 19.A, ASE does not contain any information exempt from public disclosure. The NRC will withhold the ASE from public disclosure for 10 business days to allow SCE&G the opportunity to verify the staff's conclusion that the ASE contains no such exempt information. However, the Attachment A to Appendix 19.A, ASE does contain security-related information. The NRC will withhold the Attachment A to Appendix 19.A, ASE from public disclosure.

Therefore, the staff requests that the ACRS withhold the Chapter 19, Appendix 19.A, ASE from public disclosure until it has been released publicly in the Agencywide Documents Access and Management System.

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

The staff concludes that the Chapter 19, Appendix 19.A, ASE does not contain any information exempt from public disclosure. The NRC will withhold the ASE from public disclosure for 10 business days to allow SCE&G the opportunity to verify the staff's conclusion that the ASE contains no such exempt information. However, the Attachment A to Appendix 19.A, ASE does contain security-related information. The NRC will withhold the Attachment A to Appendix 19.A, ASE from public disclosure.

Therefore, the staff requests that the ACRS withhold the Chapter 19, Appendix 19.A, ASE from public disclosure until it has been released publicly in the Agencywide Documents Access and Management System.

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: ML100700404**  
**SE: ML103370008 (Non-Public)**  
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**Cover Letter: ML101550704**

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NAME	DMcGovern	KGoldstein *	JCruz	DMatthews (Frank Akstulewicz for)
DATE	12/ 10 /10	12/ 10/10	12/ 10/10	12/10/10