



April 28, 2009  
NND-09-0100

U.S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555

ATTN: Document Control Desk

Subject: Virgil C. Summer Nuclear Station (VCSNS) Units 2 and 3 Combined  
License Application (COLA) - Docket Numbers 52-027 and 52-028  
Supplemental Response to NRC Request for Additional Information  
(RAI) Letter No. 009

- References: 1) Letter from Sujata Goetz (NRC) to Alfred M. Paglia (SCE&G),  
Request for Additional Information Letter No. 009 Related to Part 1  
General and Financial Information of the Virgil C. Summer Nuclear  
Station Units 2 and 3 Combined License Application, dated  
December 16, 2008.
- 2) Letter from Ronald B. Clary (SCE&G) to Document Control Desk  
Response to NRC Request for Additional Information (RAI) Letter No.  
009, dated January 15, 2009.

The enclosure to this letter provides the South Carolina Electric & Gas Company (SCE&G) supplemental response to the RAI item included in the above referenced letter. The enclosure also identifies any associated changes that will be incorporated in a future revision of the VCSNS Units 2 and 3 COLA.

Should you have any questions, please contact Mr. Al Paglia by telephone at (803) 345-4191, or by email at [apaglia@scana.com](mailto:apaglia@scana.com).

D083  
NLO

I declare under penalty of perjury that the foregoing is true and correct.

Executed on this 28<sup>th</sup> day of April, 2009.

Sincerely,



Ronald B. Clary  
General Manager  
New Nuclear Deployment

AMM/RBC/am

Enclosure

c : Luis A. Reyes  
Ravindra G. Joshi  
Chandu Patel  
Sujata Goetz  
John Zeiler  
Stephen A. Byrne  
Ronald B. Clary  
Lonnie N. Carter  
Bill McCall  
Kenneth J. Browne  
Randolph R. Mahan  
Kathryn M. Sutton  
Courtney W. Smyth  
John J. DeBlasio  
Grayson Young  
FileNet

**NRC RAI Letter No. 009 Dated December 16, 2008**

**SRP Section: 01 – Introduction and Interfaces**

Questions from AP1000 Projects Branch 1 (NWE1)

**NRC RAI Number: 01-1**

Section 1.3.2.2 provides Combined Project Costs. Pursuant to 10 CFR 50, Appendix C.I.A.1, please provide the following:

(a) Total nuclear production plant cost..... \$ \_\_\_\_  
(b) Transmission, distribution, and general plant costs..... \$ \_\_\_\_  
(c) Nuclear fuel inventory cost for the first core.  
(Please also state whether the fuel is to be acquired by  
lease or other arrangement than purchase)..... \$ \_\_\_\_  
Total Estimated Cost..... \$ \_\_\_\_

Please include the basis for the cost estimate.

**VCSNS RESPONSE:**

SCE&G provided an initial response to this RAI on January 15, 2009. Subsequent discussions with the NRC indicated that additional clarification to that initial response was necessary for the NRC staff to complete their review. Following is the additional clarifying information that was requested.

In the original response to this RAI, cost estimates were provided as requested above. All estimates are in millions of future year dollars. The construction cost estimate is in millions of future year dollars. It includes engineering, procurement and construction costs for two AP1000 plants, owner's costs, associated transmission costs, nuclear fuel inventory for the first core, and contingencies, but excludes capitalized interest. Owner's costs include project management costs, staffing-related training, select insurances, licensing related fees, sales tax, optional spare parts, administrative and training buildings, and other miscellaneous construction costs.

This response is PLANT SPECIFIC.

**ASSOCIATED VCSNS COLA REVISIONS:**

See original SCE&G response dated January 15, 2009.

**ASSOCIATED ATTACHMENTS:**

None