



January 14, 2009  
NND-09-0006

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

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Subject: Virgil C. Summer Nuclear Station (VCSNS) Units 2 and 3 Combined  
License Application (COLA) - Docket Numbers 52-027 and 52-028  
Response to NRC Request for Additional Information (RAI) Letter No.  
010

Reference: Letter from Manny Comar (NRC) to Alfred M. Paglia (SCE&G), Request  
for Additional Information Letter No. 010 Related to SRP Section 14.2 for  
the Virgil C. Summer Nuclear Station Units 2 and 3 Combined License  
Application, dated December 16, 2008.

The enclosure to this letter provides the South Carolina Electric & Gas Company  
(SCE&G) 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).

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

Executed on this 14<sup>th</sup> day of January, 2009.

Sincerely,

Ronald B. Clary  
General Manager  
New Nuclear Deployment

D083  
NRO

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JMG/RBC/jg

Enclosure

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**NRC RAI Letter No. 010 Dated December 16, 2008**

**SRP Section: 14.2 – Initial Plant Test Program - Design Certification and New License Applicants**

QUESTIONS from Quality and Vendor Branch 1 (AP1000/EPR Projects) (CQVP)

**NRC RAI Number: 14.02-1**

Regulatory Guide 1.68, Section C.1, "Criteria for Selection of Plant Features to be Tested," provides the criteria for the selection of plant features to be tested during the conduct of the initial test program. Standard COL information item 14.4.5 of the Westinghouse DCD states that the COL applicant is responsible for testing that may be required of structures and systems which are outside the scope the design certification. V. C. Summer COL application addresses COL information item 14.4.5 and provides test abstracts for the following interfacing systems: • Seismic Monitoring System Testing • Storm Drains • Offsite AC Power Systems • Raw Water System • Sanitary Drainage System • Fire Brigade Support Equipment • Portable Personnel Monitors and Radiation Survey Instruments • Cooling Tower(s). The NRC staff requests that South Carolina Electric and Gas confirm that the test abstracts included in Section 14.2 of the V. C. Summer COL application to address COL information item 14.4.5 are applicable to V. C. Summer Units 2 & 3. In addition, the NRC staff requests that South Carolina Electric and Gas confirm that there are no additional site-specific structures, systems and/or design features that meet the criteria of Regulatory Position C.1 of RG 1.68 and that require testing be addressed in Section 14.2 of the V. C. Summer COL application.

**VCSNS RESPONSE:**

SCE&G confirms the applicability of the standard response to RAI 14.02-03 transmitted to Bellefonte in letter 019 on May 13, 2008 and responded to by TVA on June 11, 2008.

**ASSOCIATED VCSNS COLA REVISIONS:**

None

**ASSOCIATED ATTACHMENTS:**

None