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NND-08-0067

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 Response to NRC Request for Additional Information (RAI) Letter No. 005

Reference: Letter from Tanya Simms (NRC) to Alfred M. Paglia (SCE&G), Request for Additional Information Letter No. 005 Related to SRP Section 09.05.01 for the Virgil C. Summer Nuclear Station Units 2 and 3 Combined License Application, dated December 1, 2008.

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

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

Executed on this 22nd day of December, 2008.

Sincerely,

Ronald B. Clary
General Manager
New Nuclear Deployment

AMM/RBC/am

D083
NRO

Enclosure

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NRC RAI Letter No. 005 Dated December 1, 2008

SRP Section: 09.05.01 – Fire Protection Program

Question from Fire Protection Team (SFPT)

NRC RAI Number: 09.05.01-01

RG 1.189, Regulatory Position 1.6.1 states that the engineer in charge of the fire protection program (FPP) should have training and experience in fire protection and in nuclear plant safety to provide a comprehensive approach in directing the FPP for the nuclear plant. The nuclear safety qualification requirement is not included in FSAR subsection 13.1.1.3.2.1.4 as referenced in subsection 9.5.1.8.7 of the Summer COL application. The applicant should revise the COL application to include the above qualification requirement for the engineer in charge of fire protection or justify why the fire protection engineer is not required to have nuclear safety training and/or experience.

VCSNS RESPONSE:

The engineer in charge of fire protection is either trained and experienced in nuclear plant safety, or has available personnel who are trained and experienced in nuclear plant safety. An example of such personnel available to provide support to the engineer in charge of fire protection would be operations personnel who have training and expertise on safe shutdown systems. The VCSNS FSAR will be updated in a future revision as noted below.

This response is PLANT SPECIFIC.

ASSOCIATED VCSNS COLA REVISIONS:

VCSNS FSAR subsection 13.1.1.3.2.1.4 containing the qualification requirements for the engineer in charge of fire protection will be updated as follows (changes are underlined and red):

“The engineer in charge of fire protection reports to the GMES who has ultimate responsibility for the fire protection program of the plant. Additionally, the engineer in charge of fire protection works with the operations support supervisors to coordinate activities and program requirements with the operations department. In accordance with Regulatory Guide 1.189, the engineer in charge of fire protection is a graduate of an engineering curriculum of accepted standing and has completed not less than six years of engineering experience, three of which were in a responsible position in charge of fire protection engineering work. The engineer in charge of fire protection has

training and experience in nuclear plant safety or has personnel available to assist him who have training and experience in nuclear plant safety.”

ASSOCIATED ATTACHMENTS:

None