



July 20, 2009
NND-09-0187

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. 051

Reference: Letter from Chandu P. Patel (NRC) to Alfred M. Paglia (SCE&G), Request for Additional Information Letter No. 051 Related to SRP Section 02.03.04 for the Virgil C. Summer Nuclear Station Units 2 and 3 Combined License Application, dated June 19, 2009.

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.

The supplemental information contained in the files on the enclosed CD is provided to support the NRC's review of the VCSNS Units 2 and 3 COLA, but does not comply with the requirements for electronic submissions as stated in NRC Guidance Document, "Guidance for Electronic Submissions to the NRC," dated October 29, 2008. The NRC staff requested that these files be provided in their native format as required for utilization in the software employed to support the COLA review. Formatting the data to comply with the guidance on electronic submissions would not serve the request to provide these files in their native formats.

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

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

Executed on this 20th day of July, 2009.

Sincerely,



Ronald B. Clary
General Manager
New Nuclear Deployment

AMM/RBC/am

Enclosures:

Enclosure 1 RAI Response

Enclosure - CD – ARCON96 Modeling Input and Output Files

c (w/o enclosures):

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NRC RAI Letter No. 051 Dated June 19, 2009

SRP Section: 02.03.04 - Short Term Atmospheric Dispersion Estimates for Accident Releases

Question from Siting and Accident Consequences Branch (RSAC)

NRC RAI Number: 02.03.04-1

In accordance with Regulatory Guide 1.194, provide, in FSAR Section 2.3.4, the ARCON96 source-receptor directions that were used as inputs to the model so that the staff may perform a confirmatory analysis. Also provide any assumptions that were made when running the model.

Please include an electronic copy of the output files from the ARCON96 model runs. These files should be for the 1-year period considered in Draft Revision 1 of the FSAR.

VCSNS RESPONSE:

The distances and directions from receptors to sources as well as the release types are detailed in the following table. The enclosed CD contains the ARCON96 input, meteorological and output files for the V.C. Summer Nuclear Station Units 2 and 3 COL Application, Draft Revision 1 of Section 2.3 of the FSAR. The files include data from the Units 2 and 3 meteorological tower for 2007.

Enclosure 1
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This response is PLANT SPECIFIC.

ASSOCIATED VCSNS COLA REVISIONS:

No COLA changes have been identified as a result of this response.

ASSOCIATED ATTACHMENTS:

See attached CD containing ARCON96 modeling input and output files.