



June 24, 2009
NND-09-0173

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. 024

- Reference:
1. Letter from Ravindra G. Joshi (NRC) to Alfred M. Paglia (SCE&G), Request for Additional Information Letter No. 024 Related to SRP Section 6.4 for the Virgil C. Summer Nuclear Station Units 2 and 3 Combined License Application, dated January 22, 2009.
 2. Letter from Ronald B. Clary (SCE&G) to Document Control Desk (NRC), Response to NRC Request for Additional Information (RAI) Letter No. 024, dated February 23, 2009.

The enclosure to this letter provides a South Carolina Electric & Gas Company (SCE&G) updated response to RAI item 06.04-2.d included in the above referenced letter from Ronald B. Clary to the Document Control Desk. The enclosure also identifies associated changes that will be incorporated in Revision 1 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 24TH day of JUNE, 2009.

Sincerely,

Stephen A. Byrne
Senior Vice President
Generation

Document Control Desk
Page 2 of 2
NND-09-0173

AMM/SAB/am

Enclosure

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

NRC RAI Letter No. 024 Dated January 22, 2009

SRP Section: 06.04- Control Room Habitability

QUESTIONS from Containment and Ventilation Branch 1 (AP1000/EPR Projects) (SPCV)

NRC RAI Number: 06.04-2.d

d. Provide information for the impact of potential onsite (Units 2 and 3) chemicals on the control room habitability for Units 2 and 3.

Both Tables 2.2-202 and 2.2-205 of FSAR Sec. 2.2.3.1.3 are titled with "Unit 1". There is no other similar FSAR section or table dealing with any potential onsite chemicals for Units 2 and 3. Information for this situation is required in order to review the impact of potential onsite chemicals on the control room habitability for Units 2 and 3.

VCSNS RESPONSE:

By letter dated May 14, 2009, SCE&G provided acknowledgement of the endorsement of R-COLA RAI's for standard applicability. As noted in that response, SCE&G endorsed the standard portions of NRC RAI 02.02.03-10 as applicable to the VCSNS Units 2 and 3 COLA. Revision 17 of the AP1000 DCD made changes to DCD Table 6.4-1, and to ensure VCSNS Units 2 and 3 remain within the standard AP1000 design requirements, these conforming changes to the VCSNS Units 2 and 3 COLA are necessary. The utilization of site specific chemicals that could potentially introduce a control room habitability concern is also being limited such that they are bounded by the Westinghouse AP1000 supporting analysis.

This response is PLANT SPECIFIC, however it utilizes STANDARD information to ensure consistency with the AP1000 DCD.

ASSOCIATED VCSNS COLA REVISIONS:

As noted above, Revision 1 of the VCSNS Units 2 and 3 COLA (July 2009) will be revised consistent with the required conforming changes as noted in the R-COLA RAI response.

ASSOCIATED ATTACHMENTS:

None