SummerRAIsPEm Resource

From: Tanya Simms
Sent: Tuesday, November 18, 2008 1:41 PM
To: SummerRAIsPEm Resource
Subject: Request for Additional Information Letter No. 004 Related to SRP Section 07.05 for the Virgil C. Summer Nuclear Station Units 2 and 3 Combined License Application
Attachments: SUM-RAI-LTR-004.doc

Hearing Identifier: Summer_COL_eRAIs
Email Number: 5

Mail Envelope Properties (B4ECC0E252653F48B3F57C3B833465E8089DBC535C)

Subject: Request for Additional Information Letter No. 004 Related to SRP Section 07.05 for the Virgil C. Summer Nuclear Station Units 2 and 3 Combined License Application
Sent Date: 11/18/2008 1:41:29 PM
Received Date: 11/18/2008 1:41:29 PM
From: Tanya Simms

Created By: Tanya.Simms@nrc.gov

Recipients:
"SummerRAIsPEm Resource" <SummerRAIsPEm.Resource@nrc.gov>
Tracking Status: None

Post Office: HQCLSTR02.nrc.gov

Files	**Size**	**Date & Time**
MESSAGE	3	11/18/2008 1:41:29 PM
SUM-RAI-LTR-004.doc	51194	

Options
Priority: Standard
Return Notification: No
Reply Requested: Yes
Sensitivity: Normal
Expiration Date:
Recipients Received:

November 18, 2008

Mr. Alfred M. Paglia
Manager, Nuclear Licensing
MC P40
South Carolina Electric & Gas Company
PO Box 88
Jenkinsville, SC 29065

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 004 RELATED TO SRP SECTION 07.05 FOR THE VIRGIL C. SUMMER NUCLEAR STATION UNITS 2 AND 3 COMBINED LICENSE APPLICATION

Dear Mr. Paglia:

By letter dated March 27, 2008, South Carolina Electric & Gas Company submitted its application to the U. S. Nuclear Regulatory Commission (NRC) for a combined license (COL) for two AP1000 advance passive pressurized water reactors pursuant to 10 CFR Part 52. The NRC staff is performing a detailed review of this application to enable the staff to reach a conclusion on the safety of the proposed application.

The NRC staff has identified that additional information is needed to continue portions of the review. The staff's request for additional information (RAI) is contained in the enclosure to this letter.

To support the review schedule, you are requested to respond within 30 days of the date of this letter. If changes are needed to the final safety analysis report, the staff requests that the RAI response include the proposed wording changes.

If you have any questions or comments concerning this matter, you may contact me at 301-415-1387 or you may contact Ravindra Joshi the lead project manager for the Virgil C. Summer Nuclear Station combined license at 301-415-6191.

Sincerely,

/**RA**/

Tanya Simms, Project Manager
AP1000 Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-027
52-028

Enclosure:
Request for Additional Information

CC: see next page

If you have any questions or comments concerning this matter, you may contact me at 301-415-1387 or you may contact Ravindra Joshi the lead project manager for the Virgil C. Summer Nuclear Station combined license at 301-415-6191.

Sincerely,

/**RA**/

Tanya Simms, Project Manager
AP1000 Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-027
52-028
eRAI Tracking No. 1539

Enclosure:
Request for Additional Information

Distribution:

Public	AHodgdon	BHughes
RidsNroDnrlNwe1	MSpencer	MComar
RidsNroLAKGoldstein	TSimms	TJackson
RidsOgcMailCenter	BAnderson	RJoshi
SGoetz	CAraguas	DZhang
RidsRgn2MailCenter	RidsAcrsAcnwMailCenter	RidsNroDnrlNwe2

NRO-002

OFFICE	ICE1/BC	NWE1/PM	OGC	NWE1/L-PM
NAME	TJackson*	TSimms*	MSpencer *	RJoshi*
DATE	10/21/08	10/21/08	10/21/08	11/18/08

*Approval captured electronically in the electronic RAI system.

OFFICIAL RECORD COPY

Request for Additional Information No. 1539 Revision 0
Virgil C. Summer Nuclear Station, Units 2 and 3
South Carolina Electric and Gas Company
Docket No. 52-027 and 52-028
SRP Section: 07.05 - Information Systems Important to Safety
Application Section: 7.5

QUESTIONS for Instrumentation, Controls and Electrical Engineering 1 (ICE1)

07.05-1

Tables 7.5-1 and 7.5-8 of the AP1000 Design Control Document (DCD), Revision 16, Post-Accident Monitoring System, contain variables to monitor the meteorological parameters and environs radiation and radioactivity. These variables are defined as site specific. Define these variables in compliance with Regulatory Guide 1.97, Revision 3, as committed to in the combined license application, or justify an alternative approach.

Table 7.5-1 (Sheet 12 of 12) of the AP1000 DCD, Revision 16, identifies meteorological parameters as site specific. Additionally, Table 7.5-8 of the AP1000 DCD identifies "meteorology" and "boundary environs radiation and radioactivity" as site specific variables. However, the staff has not found where the combined license application addresses the parameters/variables. Explain where these variables are found.