

SummerRAIsPEm Resource

From: Simms, Tanya
Sent: Thursday, July 09, 2009 2:12 PM
To: SummerRAIsPEm Resource
Subject: Request for Additional Information Letter No. 057 Related to SRP Section 09.02.04 for the Virgil C. Summer Nuclear Station Units 2 and 3 Combined License Application
Attachments: SUM-RAI-LTR-057.doc

Hearing Identifier: Summer_COL_eRAIs
Email Number: 60

Mail Envelope Properties (B4ECC0E252653F48B3F57C3B833465E8101A5BEF10)

Subject: Request for Additional Information Letter No. 057 Related to SRP Section 09.02.04 for the Virgil C. Summer Nuclear Station Units 2 and 3 Combined License Application
Sent Date: 7/9/2009 2:11:33 PM
Received Date: 7/9/2009 2:11:34 PM
From: Simms, Tanya

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	7/9/2009 2:11:34 PM
SUM-RAI-LTR-057.doc	51194	

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

July 9, 2009

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. 057 RELATED TO
SRP SECTION 09.02.04 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. 3125

Enclosure:
Request for Additional Information

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DATE	06/16/09	06/16/09	06/23/09	07/09/09

*Approval captured electronically in the electronic RAI system.

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Request for Additional Information No. 3125 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: 09.02.04 - Potable and Sanitary Water Systems
Application Section: 9.2.5 / 9.2.6

QUESTION from Balance of Plant Branch 1 (SBPA)

09.02.04-2

The applicant provided a response to RAI 9.2.4-1 indicating that the only association the potable water system has with the ancillary raw water system is the off-site water treatment facility and further stated that the possibility for the potable water system to become contaminated does not exist. The staff finds this acceptable and General Design Criteria (GDC) 60 is satisfied with respect to preventing contamination of the disinfected water by radioactive water. Section 9.2.5.3 of FSAR, Revision 0, defined the source for both filtered and disinfected water to be supplied from the water treatment facility for potable water. However, the proposed change in RAI 9.2.4-1 response defines the source of disinfected water and does not clearly address the source of the site-specific filtered water. Therefore, the staff can not confirm whether GDC 60 is met with regards to the potential for the source of filtered water to be potentially interconnected with any system using water for purposes other than domestic water service including any potentially radioactive system. Define the site-specific source of filtered water.