VogtlecolRAIsPEm Resource

From: Christian Araguas
Sent: Wednesday, November 26, 2008 12:13 PM
To: VogtlecolRAIsPEm Resource
Subject: Request for Additional Information Letter No. 017 Related to SRP Section 02.04.13 for the Vogtle 3 and 4 Combined License Application
Attachments: VOG-RAI-LTR-017.doc

Christian Araguas
Lead Project Manager
AP1000 Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Hearing Identifier: Vogtle_COL_eRAIs
Email Number: 20

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Subject: Request for Additional Information Letter No. 017 Related to SRP Section 02.04.13 for the Vogtle 3 and 4 Combined License Application
Sent Date: 11/26/2008 12:12:58 PM
Received Date: 11/26/2008 12:12:59 PM
From: Christian Araguas

Created By: Christian.Araguas@nrc.gov

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

Post Office: HQCLSTR01.nrc.gov

Files	**Size**	**Date & Time**
MESSAGE	144	11/26/2008 12:12:59 PM
VOG-RAI-LTR-017.doc	51194	

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

November 26, 2008

Mr. Joseph A. (Buzz) Miller
Senior Vice President
Southern Nuclear Operating Company
P.O. Box 1295
Birmingham, AL 35201

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 017 RELATED TO SRP SECTIONS 02.04.13 FOR THE VOGTLE ELECTRIC GENERATING PLANT UNITS 3 AND 4 COMBINED LICENSE APPLICATION

Dear Mr. Miller:

By letter dated March 28, 2008, Southern Nuclear Operating Company (SNC), 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 for the Vogtle Electric Generating Plant combined license at 301-415-3637.

Sincerely,

/**RA**/

Christian Araguas
Lead Project Manager
AP1000 Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-025
52-026

Enclosure:
Request for Additional Information

CC: see next page

If you have any questions or comments concerning this matter, you may contact me for the Vogtle Electric Generating Plant combined license at 301-415-3637.

Sincerely,

/**RA**/

Christian Araguas
Lead Project Manager
AP1000 Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-025
52-026
eRAI Tracking No. 1531

Enclosure:
Request for Additional Information

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NRO-017

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NAME	TFrye*	CAraguas*	AHodgdon*	CAraguas*
DATE	10/20/08	11/03/08	11/06/08	11/26/08

*Approval captured electronically in the electronic RAI system.

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Request for Additional Information No. 1531
Vogtle
Southern Nuclear Operating Co.
Docket No. 52-0025 and 52-0026
SRP Section: 02.04.13 - Accidental Releases of Radioactive Liquid Effluents in Ground and Surface Waters
Application Section: FSAR Section 2.4.13

QUESTIONS from Health Physics Branch (CHPB)

02.04.13-1

SRP 2.4.13, under SRP Acceptance Criteria #5, references Branch Technical Position BTP 11-6, which provides guidance in assessing potential release of radioactive liquids at the nearest potable water supply located in an unrestricted area for direct human consumption or indirectly through animals, crops, and food processing. BTP 11-6 further states the evaluation of the release considers the use of water for direct human consumption or indirectly through animals (livestock watering), crops (agricultural irrigation), and food processing (water as an ingredient).

Southern's analysis does not include a discussion of pathways other than drinking water. The analysis should discuss these other pathways, especially the pathways such as fish and crop irrigation that may result in concentration of the source term. Either discuss other pathways, or justify why they need not be included.