VogtlecolRAIsPEm Resource

From: Tanya Simms
Sent: Monday, October 06, 2008 2:18 PM
To: VogtlecolRAIsPEm Resource
Subject: Request for Additional Information Letter No. 004 Related to SRP Section 09.02.05 for the Vogtle Units 3 and 4 Combined License Application
Attachments: VOG-RAI-LTR-004.doc

Hearing Identifier: Vogtle_COL_eRAIs
Email Number: 7

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Subject: Request for Additional Information Letter No. 004 Related to SRP Section 09.02.05 for the Vogtle Units 3 and 4 Combined License Application
Sent Date: 10/6/2008 2:18:29 PM
Received Date: 10/6/2008 2:18:30 PM
From: Tanya Simms

Created By: Tanya.Simms@nrc.gov

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

Post Office: HQCLSTR02.nrc.gov

Files	**Size**	**Date & Time**
MESSAGE	3	10/6/2008 2:18:30 PM
VOG-RAI-LTR-004.doc	51194	

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

October 6, 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. 004 RELATED TO SRP SECTION 09.02.01 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 at 301-415-1387 or you may contact Christian Araguas, the lead project manager for the Vogtle Electric Generating Plan combined license at 301-415-3637.

Sincerely,

/**RA**/

Tanya Simms, 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 at 301-415-1387 or you may contact Christian Araguas, the lead project manager for the Vogtle Electric Generating Plan combined license at 301-415-3637.

Sincerely,

/**RA**/

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

Docket Nos. 52-025
52-026
eRAI Tracking No. 1241

Enclosure:
Request for Additional Information

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NRO-002

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NAME	JSegala*	TSimms*	AHodgdon*	CAraguas*
DATE	9/16/08	9/22/08	9/22/08	10/6/08

*Approval captured electronically in the electronic RAI system.

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Request for Additional Information No. 1241 Revision 0
Vogtle
Southern Nuclear Operating Co.
Docket No. 52-0025 and 52-0026
SRP Section: 09.02.05 - Ultimate Heat Sink
Application Section: 9.2.1

QUESTIONS for Balance of Plant Branch 1 (SBPA)

09.02.05-1

The cooling capability of the SWS mechanical draft cooling towers for the Vogtle units can be adversely affected by interactions that exist between the two mechanical draft cooling towers. Adverse interactions can occur due to localized atmospheric influences caused by siting considerations, the locations of major structures, the locations of the mechanical draft cooling towers, mechanical draft cooling tower fan speed, and wind effects. Because AP1000 utilizes only one mechanical draft cooling tower in its design, interaction effects between the mechanical draft cooling towers of multi-unit sites was not evaluated by the staff for AP1000. Therefore, additional information is needed to address potential adverse interactions between the mechanical draft cooling towers for the two Vogtle units and the FSAR needs to be revised accordingly to reflect this additional information.