

VoglecolRAIsPEm Resource

From: Joshi, Ravindra
Sent: Tuesday, August 04, 2009 7:17 AM
To: VoglecolRAIsPEm Resource
Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 038 RELATED TO SRP SECTION 8.2 FOR THE VOGTLE ELECTRIC GENERATING PLANT UNITS 3 AND 4 COMBINED LICENSE APPLICATION
Attachments: VOG-RAI-LTR-038.doc

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Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 038 RELATED TO SRP SECTION 8.2 FOR THE VOGTLE ELECTRIC GENERATING PLANT UNITS 3 AND 4 COMBINED LICENSE APPLICATION

Sent Date: 8/4/2009 7:16:37 AM

Received Date: 8/4/2009 7:16:38 AM

From: Joshi, Ravindra

Created By: Ravindra.Joshi@nrc.gov

Recipients:

"VogtlecolRAIsPEm Resource" <VogtlecolRAIsPEm.Resource@nrc.gov>

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Options

Priority: Standard

Return Notification: No

Reply Requested: No

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Expiration Date:

Recipients Received:

August 4, 2008

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

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 038 RELATED TO
SRP SECTION 8.2 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 301-415-6191.

Sincerely,

/RA/

Ravindra G. Joshi, 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 301-415-6191.

Sincerely,

/RA/

Ravindra G. Joshi, Project Manager
AP1000 Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-025
52-026
eRAI Tracking No. 3335

Enclosure:
Request for Additional Information

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NRO-002

OFFICE	EEB/BC	NWE1/PM	OGC	NWE1/L-PM
NAME	TSimms for RJenkins*	TSimms*	PMoulding*	RJoshi *
DATE	7/17/09	7/17/09	7/23/09	7/29/09

*Approval captured electronically in the electronic RAI system.

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Vogtle
Southern Nuclear Operating Co.
Docket No. 52-0025 and 52-0026
SRP Section: 8.02- Offsite Power System
Application Section: 8.2

QUESTIONS FROM Electrical Engineering Branch (EEB)

08.02-12

Table 1.8-1 of the AP1000 design certification provides an interface item that states "the protective devices controlling the switchyard breakers are set with consideration given to preserving the plant grid connection following a turbine trip." This is to ensure that RCP bus voltage stays above the voltage required to maintain the flow assumed in the DCD Tier 2, Chapter 15 analyses for a minimum of 3 seconds following a turbine trip. Provide a reference to where this issue is discussed in the Vogtle application, or provide a proposed revision to the application to address the issue.