

VoglecolRAIsPEm Resource

From: Joshi, Ravindra
Sent: Wednesday, October 06, 2010 11:09 AM
To: VoglecolRAIsPEm Resource
Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 063 RELATED TO SRP SECTION 1.05 FOR THE VOGTLE ELECTRIC GENERATING PLANT UNITS 3 AND 4 COMBINED LICENSE APPLICATION
Attachments: VOG-RAI-LTR-063.doc

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Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 063 RELATED TO SRP SECTION 1.05 FOR THE VOGTLE ELECTRIC GENERATING PLANT UNITS 3 AND 4 COMBINED LICENSE APPLICATION

Sent Date: 10/6/2010 11:09:18 AM

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From: Joshi, Ravindra

Created By: Ravindra.Joshi@nrc.gov

Recipients:

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

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Reply Requested: No

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October 6, 2010

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. 063 RELATED TO
SRP SECTION 1.05 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 45 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. 5115

Enclosure:
Request for Additional Information

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DATE	9/23/10	9/30/10	10/05/10

*Approval captured electronically in the electronic RAI system.

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Vogle
Southern Nuclear Operating Co.
Docket No. 52-0025 and 52-0026
SRP Section: 1.05-Other Regulatory Considerations
Application Section: FSAR Section 1.10

QUESTIONS FROM AP1000 Projects Branch 1 (NWE1)

01.05-2

A new Interim Staff Guidance (ISG)-22 is being issued to assist the staff with the evaluation of COL applicants' compliance with the requirements of 10 CFR 52.79(a)(31). The above interim Guidance document was made available to the public including the applicant and was discussed at a public meeting on August 26, 2010.

The regulation at 10 CFR 52.79(a)(31) requires, in part, applicants for a combined license (COL) intending to construct and operate new nuclear power plants (NPPs) on multi-unit sites to provide an evaluation of the potential hazards to the structures, systems, and components (SSCs) important to safety for operating units resulting from construction activities on the new units. The requirement in 10 CFR 52.79(a)(31) can be viewed as having two subparts:

1. The COL applicant must evaluate the potential hazards from constructing new plants on SSCs important to safety for existing operating plants that are located at the site.
2. The COL applicant must evaluate the potential hazards from constructing new plants on SSCs important to safety for newly constructed plants that begin operation at the site.

The interim guidance requires that the applicant provide a construction impact evaluation plan that contains:

- A discussion of the construction activity identification process and the impact evaluation criteria used to identify and evaluate the construction activities that may pose potential hazards to the SSCs important to safety for operating unit(s).
- A table of those construction activities and the potential hazards that are identified using that construction impact evaluation plan, the SSCs important to safety for the operating unit potentially impacted by the construction activity, and expected mitigation method.
- Identification of the managerial and administrative controls, such as proposed license conditions that may involve construction schedule constraints or other restrictions on construction activities, that are credited to preclude and/or mitigate the impacts of potential construction hazards to the SSCs important to safety for the operating unit(s).
- A discussion of the process for communications and interactions planned and credited between the construction organization and the operations organization to ensure appropriate coordination and authorization of construction activities and implementation of the prevention or mitigation activities as necessary.
- A memorandum of understanding or agreement (MOU or MOA) between the COL applicant and the operating unit(s) licensee as a mechanism for communications, interactions, and coordination to manage the impact of the construction activities.
- An implementation schedule corresponding to construction tasks or milestones to ensure the plan is reviewed on a recurring basis and maintained current as construction progresses.

The staff has reviewed the VEGP COL FSAR Section 1.10 which provides information to address compliance with 10 CFR 52.79(a)(31). In order to complete the staff's review, the following information is required:

Please provide a construction impact evaluation plan that contains:

- A discussion of the process for communications and interactions planned and credited between the construction organization and the operations organization to ensure appropriate coordination and authorization of construction activities and implementation of the prevention or mitigation activities as necessary.
- A memorandum of understanding or agreement (MOU or MOA) between the COL applicant and the operating unit(s) licensee as a mechanism for communications, interactions, and coordination to manage the impact of the construction activities.
- An implementation schedule corresponding to construction tasks or milestones to ensure the plan is reviewed on a recurring basis and maintained current as construction progresses.

In addition, please identify the managerial and administrative controls (VEGP COL FSAR Table 1.10-203) that are credited to preclude and/or mitigate the impacts of potential construction hazards to the SSCs important safety for the operating units (Vogtle Units 1 and 2).