

## VoglecolRAIsPEm Resource

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**From:** Joshi, Ravindra  
**Sent:** Tuesday, October 28, 2014 9:19 AM  
**To:** VoglecolRAIsPEm Resource  
**Subject:** RE: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 01 RELATED TO Vogle  
Units 3 and 4 LAR 13-038, Annex building changes  
**Attachments:** VOG-LAR-13-038-RAI-.doc

**Hearing Identifier:** Vogtle\_COL\_eRAIs  
**Email Number:** 107

**Mail Envelope Properties** (BBC4D3C29CD0E64E9FD6CE1AF26D84D5018EB82886B2)

**Subject:** RE: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 01 RELATED TO Vogtle Units 3 and 4 LAR 13-038, Annex building changes  
**Sent Date:** 10/28/2014 9:18:39 AM  
**Received Date:** 10/28/2014 9:18:44 AM  
**From:** Joshi, Ravindra

**Created By:** Ravindra.Joshi@nrc.gov

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

**Post Office:** HQCLSTR01.nrc.gov

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MESSAGE	68	10/28/2014 9:18:44 AM
VOG-LAR-13-038-RAI-.doc	54778	

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

October 28, 2014

Mr. B. L. Ivey, Vice President  
Regulatory Affairs  
Southern Nuclear Operating Company, Inc.  
40 Inverness Center Parkway, B022  
Birmingham, AL 35242

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 01 RELATED TO  
LICENSE AMENDMENT REQUEST (LAR) 13-038 AND EXEMPTION, ANNEX  
BUILDING STRUCTURE AND LAYOUT CHANGES, FOR THE VOGTLE  
ELECTRIC GENERATING PLANT UNITS 3 AND 4 COMBINED LICENSES  
(RP9486)

Dear Mr. Ivey:

In accordance with the provisions of 10 CFR 50.90, by letter dated August 22, 2014, and revised by the letter dated September 23, 2014, Southern Nuclear Operating Company (SNC) submitted a license amendment request (LAR) 13-038 and exemption, Annex Building Structural and Layout Changes, to the U. S. Nuclear Regulatory Commission (NRC) for its Vogtle Electric Generating Plant (VEGP) Units 3 and 4 Combine licenses (Licenses Nos.NPF-91 and NPF-92, respectively). The NRC staff is performing a detailed review of this LAR to enable the staff to reach a conclusion on the safety of the proposed LAR and exemption.

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 updated 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 or [ravindra.joshi@nrc.gov](mailto:ravindra.joshi@nrc.gov).

Sincerely,

/RA/

Ravindra G. Joshi, Senior Project Manager  
Licensing Branch 4  
Division of New Reactor Licensing  
Office of New Reactors

Docket Nos. 52-025  
52-026  
eRAI Tracking No. 7712

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 or [ravindra.joshi@nrc.gov](mailto:ravindra.joshi@nrc.gov).

Sincerely,

/RA/

Ravindra G. Joshi, Senior Project Manager  
Licensing Branch 4  
Division of New Reactor Licensing  
Office of New Reactors

Docket Nos. 52-025  
52-026  
eRAI Tracking No. 7712

Enclosure:  
Request for Additional Information

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NRO-002

OFFICE	NRR/LB4:BC	LB4-Chapter-PM	DE/SEB1:BC	LB4-PM
NAME	R. Joshi for LBurkhart*	RJoshi*	DHuyck	RJoshi *
DATE	10/28/14	10/28/14	10/21/14	10/28/14

\*Approval captured electronically in the electronic RAI system.

**OFFICIAL RECORD COPY**

### **Request for Additional Information**

Issue Date: 10/28/14

Application Title: Vogtle Nuclear Site, Units 3 and 4, Dockets 52-0025 and 52-0026  
Southern Nuclear Operating Co.  
Docket No. 52-0025 and 52-0026

Review Section: 13.6

Application Section: LAR 13-038,

### **QUESTIONS**

13.06-1

In the Vogtle Electric Generating Plant (VEGP), License Amendment Request (LAR) regarding Annex Building Structure and Layout Changes (LAR-13-038), the licensee stated that "A review of the proposed changes addressed in this LAR was conducted by Westinghouse and Licensee personnel familiar with current security regulations and industry practices in the security field and who possess design-specific knowledge of the AP1000 security systems." However, this LAR does not provide any status on the physical barrier as describe in APP-GW-GLR-066, "AP1000 Safeguards Assessment Report," (Technical Report [TR]-94), Attachment 2. (Note: TR-94 is a Safeguards Information (SGI) document, and is not available to the public.)

The staff request additional clarification on how the proposed changes addressed in this LAR will impact the physical barrier in access corridor 40301, as describe in Attachment 2 of TR-94, page 81, Paragraphs 1 & 4.

The licensee's response should include the future status of the physical barrier as it relates to the proposed changes described in LAR-13-038. Describe any changes to physical barrier. Also, provide a brief description from the licensee's analysis of how the licensee concluded that these changes do not affect the outcomes of the TR-94 scenarios, or future staffing.

### **Regulatory Reference:**

10 CFR 73.55(b)(4), "the licensee shall analyze and identify site-specific conditions including target sets, that may affect the specific measures needed to implement the requirements of 10 CFR 73.55 and shall account for these conditions in the design of the physical protection program." Each applicant or licensee is responsible for analyzing and identifying site-specific conditions that affect how NRC requirements are implemented and to account for these site-specific conditions in the design and implementation of the onsite physical protection program.