

## PMVogleCOLPEm Resource

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**From:** Joshi, Ravindra  
**Sent:** Thursday, November 13, 2008 9:05 AM  
**To:** Amy Aughtman; Wes Sparkman  
**Cc:** VogleCOL Resource  
**Subject:** RAI letter number 011 related to SRP section 11.03 for Vogle units 3 and 4  
**Attachments:** VOG-RAI-LTR-011.pdf

To All,

Attached is RAI letter No.011 related to SRP Section 11.3 for the Vogle Units 3 and4. The ADAMS Accession number is ML083180070.

Ravi Joshi  
Project Manager  
NRO/DNRL/NWE1  
US NRC  
301-415-6191

**Hearing Identifier:** Vogtle\_COL\_Public  
**Email Number:** 142

**Mail Envelope Properties** (CEEA97CC21430049B821E684512F6E5EADC8289F21)

**Subject:** RAI letter number 011 related to SRP section 11.03 for Vogtle units 3 and 4  
**Sent Date:** 11/13/2008 9:05:06 AM  
**Received Date:** 11/13/2008 9:05:00 AM  
**From:** Joshi, Ravindra

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

**Recipients:**

"VogtleCOL Resource" <VogtleCOL.Resource@nrc.gov>  
Tracking Status: None  
"Amy Aughtman" <agaughtm@southernco.com>  
Tracking Status: None  
"Wes Sparkman" <wasparkm@southernco.com>  
Tracking Status: None

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

<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	238	11/13/2008 9:05:00 AM
VOG-RAI-LTR-011.pdf	126437	

**Options**

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

## VoglecolRAIsPEm Resource

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**From:** Ravindra Joshi  
**Sent:** Thursday, November 13, 2008 8:26 AM  
**To:** VoglecolRAIsPEm Resource  
**Subject:** REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 011 RELATED TO SRP SECTION 11.03 FOR THE VOGTLE ELECTRIC GENERATING PLANT UNITS 3 AND 4 COMBINED LICENSE APPLICATION  
**Attachments:** VOG-RAI-LTR-011.doc

**Hearing Identifier:** Vogtle\_COL\_eRAIs  
**Email Number:** 14

**Mail Envelope Properties** (CEEA97CC21430049B821E684512F6E5EADC8289E64)

**Subject:** REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 011 RELATED TO SRP SECTION 11.03 FOR THE VOGTLE ELECTRIC GENERATING PLANT UNITS 3 AND 4 COMBINED LICENSE APPLICATION

**Sent Date:** 11/13/2008 8:26:26 AM

**Received Date:** 11/13/2008 8:26:25 AM

**From:** Ravindra Joshi

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

**Recipients:**

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

Tracking Status: None

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

<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	3	11/13/2008 8:26:25 AM
VOG-RAI-LTR-011.doc	50682	

**Options**

**Priority:** Standard

**Return Notification:** No

**Reply Requested:** No

**Sensitivity:** Normal

**Expiration Date:**

**Recipients Received:**

November 13, 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. 011 RELATED TO  
SRP SECTION 11.03 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 or you may contact Christian Araguas, the lead project manager for the Vogtle Electric Generating Plant combined license at 301-415-3637.

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

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. 1528

Enclosure:  
Request for Additional Information

Distribution:

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RidsNroDnrINwe1	SCoffin	MComar
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NRO-002

OFFICE	CHPB/BC	NWE1/PM	OGC	NWE1/L-PM
NAME	TFrye*	RJoshi*	AHodgdon*	CAraguas*
DATE	10/20/08	10/20/08	10/22/08	11/03/08

\*Approval captured electronically in the electronic RAI system.

**OFFICIAL RECORD COPY**

**Vogle**  
**Southern Nuclear Operating Co.**  
**Docket No. 52-0025 and 52-0026**  
**SRP Section: 11.03- Gaseous Waste Management System**  
**Application Section: 11.3**

**QUESTION FROM Health Physics Branch (CHPB)**

11.03-1

FSAR Sections 11.3.3.4 and 11.3.5.1 (including VEGP COL Item 11.3-1) reference draft NEI Template 07-11 as the basis of the cost-benefit analysis for justifying, in part, the design of the Gaseous Waste Management System (GWMS). The NEI template proposed a bounding envelope of population doses associated with gaseous effluent releases, which, if met, would demonstrate compliance with ALARA cost-benefit requirements of Section II.D of Appendix I to Part 50. However, NEI Template 07-11 has been withdrawn from further consideration by NEI. Accordingly, please explain how the applicant intends to develop a plant and site-specific cost-benefit analysis demonstrating compliance with Section II.D of Appendix I to Part 50 with respect to the GWMS, and provide sufficient information for the staff to evaluate the bases and assumptions used in the analysis against the applicable NRC regulations and guidance.