

## PMVogtleCOLPEm Resource

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**From:** Joshi, Ravindra  
**Sent:** Tuesday, July 21, 2009 7:50 AM  
**To:** VogtleCOL Resource  
**Subject:** FW: SNC Letter ND-09-1092 transmitting VEGP Units 3 & 4 COLA Response to Bellefonte Units 3 & 4 Safety Evaluation Report Open Items for Chapter 14  
**Attachments:** ND-09-1092 BLN-SER-OI-Ch14 Response.pdf

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**From:** Williams, Dana M. [mailto:DANAWILL@SOUTHERNCO.COM]  
**Sent:** Thursday, July 16, 2009 5:10 PM  
**To:** Reyes, Luis; Akstulewicz, Frank; Joshi, Ravindra; Hughes, Brian; Simms, Tanya; Anderson, Brian; Comar, Manny; Notich, Mark; Fringer, John; Cain, Loyd  
**Subject:** SNC Letter ND-09-1092 transmitting VEGP Units 3 & 4 COLA Response to Bellefonte Units 3 & 4 Safety Evaluation Report Open Items for Chapter 14

An electronic copy of Southern Nuclear's letter, ND-09-1092, dated July 16, 2009 is attached. In addition, a hard copy has been transmitted to the NRC Document Control desk via FedEx.

Thank you,

### **Dana M. Williams**

Southern Nuclear Operating Company  
Nuclear Development  
42 Inverness Center Parkway  
Bin B237  
Birmingham, AL 35242  
P 205.992.5934  
F 205.992.5296

**Hearing Identifier:** Vogtle\_COL\_Public  
**Email Number:** 118

**Mail Envelope Properties** (CEEA97CC21430049B821E684512F6E5ECA545AD501)

**Subject:** FW: SNC Letter ND-09-1092 transmitting VEGP Units 3 & 4 COLA Response to Bellefonte Units 3 & 4 Safety Evaluation Report Open Items for Chapter 14  
**Sent Date:** 7/21/2009 7:49:40 AM  
**Received Date:** 7/21/2009 7:49:43 AM  
**From:** Joshi, Ravindra

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

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

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

<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	814	7/21/2009 7:49:43 AM
ND-09-1092 BLN-SER-OI-Ch14 Response.pdf		974964

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

**J. A. "Buzz" Miller**  
Executive Vice President  
Nuclear Development

**Southern Nuclear  
Operating Company, Inc.**  
42 Inverness Center Parkway  
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Tel 205.992.5754  
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**JUL 16 2009**

Docket Nos.: 52-025  
52-026

ND-09-1092

U.S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555-0001

Southern Nuclear Operating Company  
Vogtle Electric Generating Plant Units 3 and 4 Combined License Application  
Response to Bellefonte Units 3 and 4 Safety Evaluation Report Open Items for Chapter 14

Ladies and Gentlemen:


By letter dated March 28, 2008, Southern Nuclear Operating Company (SNC) submitted an application for combined licenses (COLs) for proposed Vogtle Electric Generating Plant (VEGP) Units 3 and 4 to the U.S. Nuclear Regulatory Commission (NRC) for two Westinghouse AP1000 reactor plants, in accordance with 10 CFR Part 52. As a result of the NRC's detailed review of the initial AP1000 Reference COL application (Bellefonte Units 3 and 4), the NRC has written a safety evaluation report (SER) with open items for the subject chapter. VEGP is addressing the open items identified in the SER in the enclosure to this letter as the new AP1000 Reference COL applicant. For completeness, each open item is identified, but responses are provided only for the items impacting standard information or otherwise resulting in standard changes for the AP1000 COL applications.

If you have any questions regarding this letter, please contact Mr. Wes Sparkman at (205) 992-5061.

Mr. J. A. (Buzz) Miller states he is an Executive Vice President of Southern Nuclear Operating Company, is authorized to execute this oath on behalf of Southern Nuclear Operating Company and to the best of his knowledge and belief, the facts set forth in this letter are true.

Respectfully submitted,

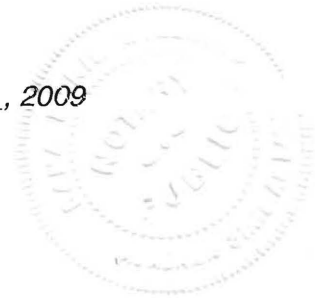
SOUTHERN NUCLEAR OPERATING COMPANY

  
Joseph A. (Buzz) Miller

Sworn to and subscribed before me this 16<sup>th</sup> day of July, 2009

Notary Public: Dana M. Williams

My commission expires: 12/29/2010



JAM/BJS/dmw

Enclosure: Response to R-COLA SER with Open Items, Chapter 14

cc: Southern Nuclear Operating Company

Mr. J. H. Miller, III, President and CEO (w/o enclosure)  
Mr. J. T. Gasser, Executive Vice President, Nuclear Operations (w/o enclosure)  
Mr. D. H. Jones, Site Vice President – Vogtle 3 and 4 (w/o enclosure)  
Mr. T. E. Tynan, Vice President - Vogtle (w/o enclosure)  
Mr. M. K. Smith, Technical Support Director  
Mr. D. M. Lloyd, Vogtle 3 & 4 Project Support Director  
Mr. C. R. Pierce, Nuclear Development Licensing Manager  
Mr. M. J. Ajluni, Nuclear Licensing Manager  
Mr. W. A. Sparkman, COL Project Engineer  
Document Services RTYPE: AR01.1053  
File AR.01.02.06

Nuclear Regulatory Commission

Mr. L. A. Reyes, Region II Administrator (w/o enclosure)  
Mr. F.M. Akstulewicz, Deputy Director Div. of Safety Systems & Risk Assess. (w/o enclosure)  
Ms. S. M. Coffin, AP1000 Manager of New Reactors (w/o enclosure)  
Mr. R. G. Joshi, Lead Project Manager of New Reactors  
Mr. B. Hughes, Project Manager of New Reactors  
Ms. T. E. Simms, Project Manager of New Reactors  
Mr. B. C. Anderson, Project Manager of New Reactors  
Mr. M. M. Comar, Project Manager of New Reactors  
Mr. M. D. Notich, Environmental Project Manager  
Mr. J. H. Fringer, III, Environmental Project Manager  
Mr. L. M. Cain, Senior Resident Inspector of VEGP

Georgia Power Company

Mr. O. C. Harper, IV, Vice President, Resource Planning and Nuclear Development (w/o enclosure)

Oglethorpe Power Corporation

Mr. M. W. Price, Chief Operating Officer (w/o enclosure)

Municipal Electric Authority of Georgia

Mr. S. M. Jackson, Vice President, Power Supply (w/o enclosure)

Dalton Utilities

Mr. D. Cope, President and Chief Executive Officer (w/o enclosure)

Bechtel Power Corporation

Mr. J. S. Prebula, Project Engineer (w/o enclosure)  
Mr. R. W. Prunty, Licensing Engineer

Tetra Tech NUS, Inc.

Ms. K. K. Patterson, Project Manager

Shaw Stone & Webster, Inc.

Mr. K. B. Allison, Project Manager (w/o enclosure)  
Mr. J. M. Oddo, Licensing Manager  
Mr. D. C. Shutt, Licensing Engineer

Westinghouse Electric Company, LLC

Mr. W. E. Cummins, Vice President of Regulatory Affairs and Standardization  
Mr. N. C. Boyter, Consortium Project Director Vogtle Units 3 & 4 (w/o enclosure)  
Mr. S. A. Bradley, Vogtle Project Licensing Manager  
Mr. R. B. Sisk, Manager, AP1000 Licensing and Customer Interface  
Mr. J. L. Whiteman, Principal Engineer, Licensing & Customer Interface  
Mr. D. A. Lindgren, Principal Engineer AP1000 Licensing and Customer Interface

NuStart Energy

Mr. R. J. Grumbir  
Mr. E. R. Grant  
Mr. B. Hirmanpour  
Mr. N. Haggerty  
Ms. K. N. Slays

Other NuStart Energy Associates

Ms. M. C. Kray, NuStart  
Mr. S. P. Frantz, Morgan Lewis  
Mr. P. S. Hastings, NuStart & Duke Energy  
Mr. J. A. Bailey, TVA  
Ms. A. L. Sterdis, TVA  
Mr. J. P. Berger, EDF  
Mr. M. W. Gettler, FP&L  
Mr. P. Hinnenkamp, Entergy  
Mr. G. D. Miller, PG&N  
Mr. M. C. Nolan, Duke Energy  
Mr. N. T. Simms, Duke Energy  
Mr. G. A. Zinke, NuStart & Entergy

(w/o Enclosure)

Mr. R. H. Kitchen, PGN  
Ms. A. M. Monroe, SCE&G  
Mr. R. Reister, DOE/PM

**Southern Nuclear Operating Company**

**ND-09-1092**

**Enclosure**

**Response to R-COLA SER with Open Items**

**Chapter 14**

<u>Open Item</u>	<u>Response</u>
14.02-01	Standard - See enclosed
14.02-02	Standard - See enclosed

**eRAI Tracking No. N/A**

**NuStart Qb Tracking No. 3500**

**NRC SER OI Number 14.02-01:**

Since development of test specifications and test procedures will require detailed plant-specific design information and close coordination with design organizations, the staff determined that it is acceptable to develop detailed preoperational and startup test specifications and test procedures during the post-COL phase (See Section 14.2.3.5). Therefore, the staff finds acceptable proposed License Condition 2, Item 14.4-2. Concerns remain regarding the adequacy of administrative controls in License Condition 6, Item d., for the development of test specifications and test procedures. This is identified as **Open Item 14.2-1**.

**SNC Response:**

The NRC staff has indicated that the administrative controls on License Conditions is under review by the NRC. The Open Item 14.2-1 is related to generic Open Item No.1-2 (license conditions and commitments); as such, no action is required by the Applicant until Open Item 1-2 is generically resolved.

This response is expected to be STANDARD for the S-COLAs.

**Associated VEGP COL Application Revisions:**

To be provided in a future supplemental response, if required based on resolution of Open Item 1-2.



**eRAI Tracking No. N/A**

**NuStart Qb Tracking No. 3501**

**NRC SER OI Number 14.02-02:**

The staff determined that it is acceptable to develop a site-specific startup administrative manual, which will contain the administrative procedures and standards that govern the activities associated with the plant initial test program, during the post-COL phase (see Section 14.2.3.5). Therefore, the staff finds acceptable proposed License Condition 2, Item 14.4-3. Concerns remain regarding the adequacy of administrative controls for changing the test program as described in License Condition 8. This is identified as **Open Item 14.2-2**.

**SNC Response:**

The NRC staff has indicated that the administrative controls on License Conditions is under review by the NRC. The Open Item 14.2-2 is related to generic Open Item No.1-2 (license conditions and commitments); as such, no action is required by the Applicant until Open Item 1-2 is generically resolved.

This response is expected to be STANDARD for the S-COLAs.

**Associated VEGP COL Application Revisions:**

To be provided in a future supplemental response, if required based on resolution of Open Item 1-2.