

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

**Southern Nuclear  
Operating Company, Inc.**  
42 Inverness Center Parkway  
Post Office Box 1295  
Birmingham, Alabama 35201  
  
Tel 205.992.5754  
Fax 205.992.6165



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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  
Post New and Significant Audit Supporting Information

Ladies and Gentlemen:

On March 28, 2008, Southern Nuclear Operating Company (SNC) submitted an application to the U.S. Nuclear Regulatory Commission (NRC) requesting combined licenses (COLs) for two AP1000 advanced passive pressurized water reactors designated Vogtle Electric Generating Plant (VEGP) Units 3 and 4. Subsequently, on September 23, 2009, SNC submitted Revision 1 to COL Application Part 3, "Applicant's Environmental Report [ER] - Combined License Stage."

During the week of September 28, 2009, the NRC conducted a three day audit of SNC's New and Significant Evaluation process for the COL Application ER. The NRC requested SNC to provide the information reviewed during this process on the VEGP Units 3 and 4 COL docket. As agreed to during the audit exit meeting, this submittal consists of the evaluation of the "New" information identified by SNC. In accordance with this request, the enclosure to this letter provides the requested New and Significant Audit matrix and the supporting reference information for the "New" information.

This submittal contains no restricted data or national defense information requiring separation in accordance with 10 CFR 50.33(j).

The enclosure is provided in electronic file format on the enclosed disk. Appropriate pre-submission checks have been successfully performed on the files to ensure compliance with the guidelines provided on the NRC web site and they have been found acceptable for electronic submittal. In addition, by copy of this letter, 20 copies of the New and Significant Audit Matrix and supporting reference information on DVD reviewer disks are being provided to the NRC VEGP COL Environmental Project Manager.

The SNC licensing contact for this application is T. C. Moorer at (205) 992-5807 or W. A. Sparkman at (205) 992-5061.

*Designated Original per Mallecia Sutton.*

*D092  
NRO*

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 15<sup>th</sup> day of October, 2009

Notary Public: Dana M. Williams

My commission expires: 12/29/2010

JAM/DLF/dmw

Enclosure: VEGP Units 3 and 4 COL Application, Post New and Significant Audit  
Supporting Information

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 & 4 (w/o enclosure)  
Mr. T. E. Tynan, Vice President - Vogtle (w/o enclosure)  
Mr. D. M. Lloyd, Vogtle 3 & 4 Project Support Director (w/o enclosure)  
Mr. M. K. Smith, Technical Support Director (w/o enclosure)  
Mr. C. R. Pierce, AP1000 Licensing Manager  
Mr. M. J. Ajluni, Nuclear Licensing Manager (w/o enclosures)  
Mr. J. M. Giddens, Quality Assurance Project Manager (w/o enclosure)  
Mr. T. C. Moorer, Manager - Environmental Affairs, Chemistry, & Radiological Services  
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  
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  
Ms. S. Goetz, Project Manager of New Reactors  
Mr. J. M. Sebrosky, Project Manager of New Reactors  
Mr. D. C. Habib, Project Manager of New Reactors  
Mr. C. P. Patel, Project Manager of New Reactors  
Ms. M. A. Sutton, Environmental Project Manager (with 20 copies of reviewer disks)  
Mr. M. D. Notich, Environmental Project Manager (w/o enclosure)  
Mr. L. M. Cain, Senior Resident Inspector of VEGP

Georgia Power Company

Mr. O. C. Harper, IV, Vice President, Resource Planning and Nuclear Development

Oglethorpe Power Corporation

Mr. M. W. Price, Executive Vice President and Chief Operating Officer  
Mr. K. T. Haynes, Director of Contracts and Regulatory Oversight

Municipal Electric Authority of Georgia

Mr. S. M. Jackson, Vice President, Power Supply

Dalton Utilities

Mr. D. Cope, President and Chief Executive Officer

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

Mr. R. H. Kitchen, PGN

Ms. A. M. Monroe, SCE&G

Mr. R. Reister, DOE/PM