

J. A. "Buzz" Miller  
Senior Vice President  
Nuclear Development

Southern Nuclear  
Operating Company, Inc.  
40 Inverness Center Parkway  
Post Office Box 1295  
Birmingham, Alabama 35201

Tel 205.992.5754  
Fax 205.992.6165



APR 16 2007

Docket No.: 52-011

AR-07-0656

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

Southern Nuclear Operating Company  
Vogtle Early Site Permit Application  
Response to Requests for Additional Information Letter No. 5 Involving Emergency Planning

Ladies and Gentlemen:

By letter dated March 15, 2007, the U.S. Nuclear Regulatory Commission (NRC) provided Southern Nuclear Operating Company (SNC) with Request for Additional Information (RAI) Letter No. 5 on the Vogtle Early Site Permit (ESP) Application. The RAIs in that letter pertain to the ESP Application Part 2, Site Safety Analysis Report (SSAR), Section 13.3, *Emergency Planning* and Part 5, *Emergency Plan*. SNC's response to the RAIs is provided in the following Enclosures to this letter.

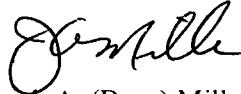
The SNC contact for this RAI response letter is J. T. Davis at (205) 992-7692.

D078

Mr. J. A. (Buzz) Miller states he is a Senior 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.

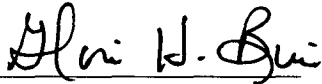
Respectfully submitted,

SOUTHERN NUCLEAR OPERATING COMPANY



Joseph A. (Buzz) Miller

Sworn to and subscribed before me this 16 day of April, 2007



Notary Public

My commission expires: 05/06/08

JAM/BJS/dmw

Enclosures:

1. Response to March 15, 2007 RAI Letter No. 5 for the Vogtle ESP Application Involving Emergency Planning
2. Proposed Revision to Affected SSAR Section 13.3 Text, Tables and Figures
3. Proposed Revision to ESP Emergency Base Plan
4. Proposed Revision to ESP Emergency Plan Annex V2
5. Miscellaneous Documents in Support of Responses to SSAR Section 13.3 RAIs

cc: Southern Nuclear Operating Company

Mr. J. B. Beasley, Jr., President and CEO (w/o enclosures)  
Mr. J. T. Gasser, Executive Vice President, Nuclear Operations (w/o enclosures)  
Mr. T. E. Tynan, Vice President - Vogtle (w/o enclosures)  
Mr. D. M. Lloyd, Vogtle Deployment Director (w/o enclosures)  
Mr. C. R. Pierce, Vogtle Development Licensing Manager (w/o enclosures)  
Mr. W. H. Lee, Emergency Planning Supervisor (w/o enclosures)  
Mr. C. E. Boone, Emergency Planning Coordinator (w/o enclosures)  
Document Services RTYPE: AR01  
File AR.01.01.06

Nuclear Regulatory Commission

Mr. R. W. Borchardt, Director of Office of Nuclear Regulation (w/o enclosures)  
Mr. W. D. Travers, Region II Administrator (w/o enclosures)  
Mr. D. B. Matthews, Director of New Reactors (w/o enclosures)  
Ms. S. M. Coffin, AP1000 Manager of New Reactors (w/o enclosures)  
Mr. C. J. Araguas, Project Manager of New Reactors  
Mr. H. B. Clayton, Branch Chief – Environmental Technical Support (w/o enclosures)  
Mr. M. D. Notich, Environmental Project Manager  
Mr. G. J. McCoy, Senior Resident Inspector of VEGP (w/o enclosures)

Georgia Power Company

Mr. O. C. Harper, 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. C. B. Manning, Senior Vice President and Chief Operating Officer (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 enclosures)  
Mr. R. W. Prunty, Licensing Engineer (w/o enclosures)