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AR-07-1552

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

Southern Nuclear Operating Company
Vogtle Early Site Permit Application
Supplement Information on Savannah River at Risk Water Quality Study

Ladies and Gentlemen:

By letter dated December 29, 2006, the U.S. Nuclear Regulatory Commission (NRC) provided Southern Nuclear Operating Company (SNC) with Requests for Additional Information (RAIs) pertaining to the Part 3, *Environmental Report* (ER), of the Vogtle Early Site Permit (ESP) Application. Question E2.4-3 requested SNC to: "... Provide a bibliography of all other known studies (not referenced in the ER) on the aquatic ecology of the Savannah River in the vicinity of VEGP, including field studies. Highlight the most recent, comprehensive and applicable references." In support of development of the Draft Environmental Impact Statement for the Vogtle ESP Application, SNC is providing additional data from the "Savannah River at Risk" project that has recently become available. The "Savannah River at Risk" project is a study of the water quality of the Savannah River. This study includes the reach of the river adjacent to the Vogtle Electric Generating Plant (VEGP). SNC and Georgia Power Company are participating with the Southeastern Natural Sciences Academy (SNSA) in this project study under a U.S. Environmental Protection Agency (EPA) grant. In July 2007, as required by the project grant, SNSA provided EPA with data from the first year. The data, which is organized into quarterly reports, contains both water quality and ecological information on the Savannah River in the vicinity of VEGP. Data collection for this study is expected to continue through 2008 and will be made available to the NRC when received from the SNSA.

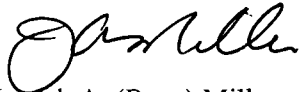
The enclosures to this letter include four quarterly reports, beginning May 15, 2006, for the first one-year period of the Savannah River at Risk project. In addition, it should be noted that the quarterly reports are copyright protected. SNC has received authorization from SNSA for release of these reports for NRC use. However, please note that SNSA holds exclusive rights to publish the data and no use of the data without express written permission is allowed. If you have questions or require additional information, please contact T.C. Moorer at (205) 992-5807.

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NRO

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 10th day of August, 2007


Notary Public

My commission expires: 9-14-10

JAM/BJS/dmw

Enclosures:

1. Savannah River at Risk 1st Quarterly Report
2. Savannah River at Risk 2nd Quarterly Report
3. Savannah River at Risk 3rd Quarterly Report
4. Savannah River at Risk 4th Quarterly Report

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)
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 (w/o enclosures)
Mr. W.F. Burton, Chief – Environmental Technical Support (w/o enclosures)
Mr. M. D. Notich, Environmental Project Manager (w/o enclosures)
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 enclosures)

Oglethorpe Power Corporation

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

Municipal Electric Authority of Georgia

Mr. C. B. Manning, Senior Vice President and Chief Operating Officer (w/o enclosures)

Dalton Utilities

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

Tetra Tech NUS, Inc.

Ms. K. K. Patterson, Project Manager (w/o enclosures)