

From: "Williams, Dana M." <X2DANAWI@southernco.com>
To: "William Travers" <WDT@nrc.gov>,"Christian Araguas" <CJA2@nrc.gov>,"David Matthews" <DBM@nrc.gov>,"Mark Notich" <mdn@nrc.gov>,"rwb@nrc.gov".NRGWIA01.NRGWDO01@nrc.gov>,<gjm1@nrc.gov>
Date: 4/17/2007 8:48:29 AM
Subject: SNC Letter AR-07-0639 transmitting RAI Letter No. 6 Involving Hydrology

> An electronic copy of Southern Nuclear's letter, AR-07-0639, dated April
> 16, 2007 is attached for your review. In addition, a hard copy has been
> transmitted to the NRC Document Control desk via FedEx.

>

> <<AR-07-0639_RAI Ltr #6 Response_Cover.pdf>>

> Thank you,

>

> Dana Williams

> Southern Nuclear Operating Company

> Nuclear Development

> P 205.992.5934

> F 205.992.5296

>

>

Hearing Identifier: Vogtle_Public
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Created By: X2DANAWI@southernco.com

Recipients

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"David Matthews" <DBM@nrc.gov>
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Options

Priority: Standard
Reply Requested: No
Return Notification: None
None

Concealed Subject: No
Security: Standard

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

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APR 16 2007

Docket No.: 52-011

AR-07-0639

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. 6 Involving Hydrology

Ladies and Gentlemen:

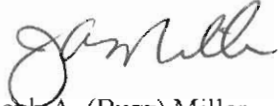
By letter dated March 15, 2007, the U.S. Nuclear Regulatory Commission (NRC) provided Southern Nuclear Operating Company (SNC) with Request for Additional Information (RAI) Letter No. 6 on the Vogtle Early Site Permit (ESP) Application. The RAIs in that letter pertain to ESP application Part 2, Site Safety Analysis Report (SSAR), Section 2.4, *Hydrologic Engineering*, and Section 2.5, *Geology, Seismology and Geotechnical Engineering*. SNC's response to the RAIs pertaining to SSAR Section 2.4 is provided in the following Enclosures to this letter. SNC's response to the RAIs pertaining to SSAR Section 2.5 is provided in AR-07-0801.

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

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.

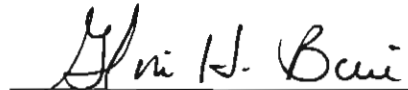
Respectfully submitted,

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. 6 for the Vogtle ESP Application Involving SSAR Section 2.4 Hydrologic Engineering
2. Proposed Revision to SSAR Section 2.4.13
3. Requested Reference Documents

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
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)

Tetra Tech NUS, Inc.

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