

Southern Nuclear
Operating Company, Inc.
42 Inverness Center Parkway
Birmingham, Alabama 35242



FEB 19 2010

Docket Nos.: 52-025
52-026

ND-10-0300

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
Cyber Security Plan, Revision 2

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. SNC subsequently submitted a letter dated July 24, 2009, to address NRC requirements in 10 CFR 73.54 by providing the VEGP Units 3 and 4 Cyber Security Plan (CSP). In response to the NRC staff's requests for additional information, Revision 1 of the VEGP Units 3 and 4 CSP was submitted for NRC staff review by a letter dated November 20, 2009. In a public meeting held on January 14, 2010, the NRC staff provided comments regarding the VEGP Units 3 and 4 CSP and clarifications in using Regulatory Guide (RG) 5.71, Revision 0, "Cyber Security Programs for Nuclear Facilities," that prompted an additional revision to this Plan. The staff's clarifications are summarized in a letter dated January 22, 2010. SNC has developed Revision 2 of the VEGP Units 3 and 4 CSP, based on RG 5.71, Revision 0, and the NRC staff's clarifications of the guidance contained in Attachment A to the CSP.

Much of the text in Revision 2 of the VEGP Units 3 and 4 CSP is written in the past tense, inferring that the Cyber Security Program has already been implemented; however, it is understood that this program is still under development and that the Cyber Security Program will not be fully implemented until prior to initial fuel loading for each of the two AP1000 nuclear units as indicated in FSAR Table 13.4-201.

Enclosure 1 to this letter provides the redacted version of the VEGP Units 3 and 4 CSP, which may be released to the public. Enclosure 2 provides the full, non-public version of the VEGP Units 3 and 4 CSP, Revision 2. Attachment A to Enclosure 2 identifies deviations that are taken to the guidance in RG 5.71, Rev. 0, in the VEGP Units 3 and 4

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NRC

CSP. Enclosure 2 contains Security-Related Information, and accordingly SNC requests that this enclosure be withheld from public disclosure under 10 CFR 2.390(d). The CSP revision provided in Enclosure 2 will be included in a future revision of the VEGP Units 3 and 4 COL Application.

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

Mr. C.R. Pierce states he is the AP1000 Licensing Manager 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

Charles R. Pierce

Charles R. Pierce

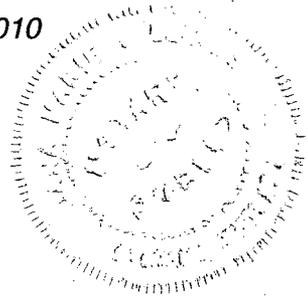
Sworn to and subscribed before me this 19th day of February, 2010

Notary Public: Dana M. Williams

My commission expires: 12/29/10

CRP/BJS/dmw

- Enclosures:
1. Vogtle Electric Generating Plant, Units 3 and 4, Cyber Security Plan, Revision 2 (PUBLIC VERSION – REDACTED)
 2. Vogtle Electric Generating Plant, Units 3 and 4, Cyber Security Plan, Revision 2 (NON-PUBLIC VERSION)



cc: Southern Nuclear Operating Company

Mr. J. H. Miller, III, President and CEO (w/o enclosures)
Mr. J. A. Miller, Executive Vice President, Nuclear Development (w/o enclosures)
Mr. J. T. Gasser, Executive Vice President, Nuclear Operations (w/o enclosures)
Mr. D. H. Jones, Site Vice President, Vogtle 3 & 4 (w/o enclosures)
Mr. B. L. Ivey, Vice President, Nuclear Development Support (w/o enclosures)
Mr. T. E. Tynan, Vice President - Vogtle (w/o enclosures)
Mr. D. M. Lloyd, Vogtle 3 & 4 Project Support Director (w/o enclosures)
Mr. M. K. Smith, Technical Support Director (w/o enclosures)
Mr. M. J. Ajluni, Nuclear Licensing Manager (w/o enclosures)
Mr. J. D. Williams, Vogtle 3 & 4 Site Support Manager (w/o enclosures)
Mr. J. T. Davis, Vogtle 3 & 4 Site Licensing Manager (w/o enclosures)
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 enclosures)
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Mr. L. M. Cain, Senior Resident Inspector of VEGP (w/o enclosures)

Georgia Power Company

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

Oglethorpe Power Corporation

Mr. M. W. Price, Executive Vice President and Chief Operating Officer (w/o enclosures)
Mr. K. T. Haynes, Director of Contracts and Regulatory Oversight (w/o enclosures)

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Mr. J. M. Oddo, Licensing Manager (w/o enclosures)

Mr. D. C. Shutt, Licensing Engineer (w/o enclosures)

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Mr. S. D. Rupprecht, Vice President of Regulatory Affairs & Strategy (w/o enclosures)

Mr. N. C. Boyter, Consortium Project Director Vogtle Units 3 & 4 (w/o enclosures)

Mr. S. A. Bradley, Vogtle Project Licensing Manager (w/o enclosures)

Mr. M. A. Melton, Manager, Regulatory Interfaces (w/o enclosures)

Mr. R. B. Sisk, Manager, AP1000 Licensing and Customer Interface (w/o enclosures)

Mr. D. A. Lindgren, Principal Engineer, AP1000 Licensing and Customer Interface (w/o enclosures)

NuStart Energy

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Ms. K. N. Slays (w/o enclosures)

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Mr. R. H. Kitchen, PGN (w/o enclosures)

Ms. A. M. Monroe, SCE&G (w/o enclosures)

Mr. T. Beville, DOE/PM (w/o enclosures)

Southern Nuclear Operating Company

ND-10-0300

Enclosure 1

Vogtle Electric Generating Plant, Units 3 and 4

**Cyber Security Plan
Revision 2**

(PUBLIC VERSION – REDACTED)

NOTE: The enclosed document is two pages in length.

**SOUTHERN NUCLEAR OPERATING
COMPANY**

**Vogtle Electric Generating
Plant Units 3 & 4**

Cyber Security Plan

February 2010

Security-Related Information - Withheld Under 10 CFR 2.390(d)

**Security-Related Information - Withheld Under 10 CFR 2.390(d)
(See Part 9 of this COL Application)**

Security-Related Information - Withheld Under 10 CFR 2.390(d)