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Docket Nos.: 52-025
52-026

ND-10-1594

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
Voluntary Revision to Final Safety Analysis Report Chapter 3

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. VEGP is providing this supplement to the COL application by providing an additional change to Chapter 3 of the Final Safety Analysis Report to address structural monitoring.

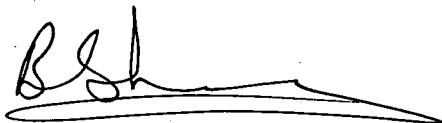
If you have any questions regarding this letter, please contact Mr. Wes Sparkman at (205) 992-5061 or Ms. Amy Aughtman at (205) 992-5805.

1092
MRO

Mr. B. L. Ivey states he is a 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



B. L. Ivey

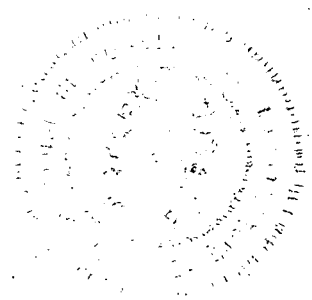
Sworn to and subscribed before me this 17th day of August, 2010

Notary Public: Marcy Louise Henderson

My commission expires: March 23, 2014

BLI/DMW

Enclosure:
Revision to R-COLA FSAR Chapter 3



cc: Southern Nuclear Operating Company

Mr. J. H. Miller, III, President and CEO (w/o enclosure)
Mr. J. A. Miller, Executive Vice President, Nuclear Development (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. M. K. Smith, Technical Support Director (w/o enclosure)
Mr. D. M. Lloyd, Vogtle 3 & 4 Project Support Director (w/o enclosure)
Mr. C. R. Pierce, AP1000 Licensing Manager
Mr. M. J. Ajluni, Nuclear Licensing Manager
Mr. T. C. Moorer, Manager, Environmental Affairs, Chemistry and Rad. Services
Mr. J. D. Williams, Vogtle 3 & 4 Site Support Manager
Mr. J. T. Davis, Vogtle 3 & 4 Site Licensing Supervisor
Mr. W. A. Sparkman, COL Project Engineer
Ms. A. G. Aughtman, AP1000 Lead Project Engineer
Document Services RTYPE: AR01.1053
File AR.01.02.06

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Ms. A. N. Faulk, Nuclear Regulatory Affairs Manager

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Mr. R. Buechel, Consortium Project Director Vogtle Units 3 & 4 (w/o enclosure)
Mr. S. A. Bradley, Vogtle Project Licensing Manager
Mr. M. A. Melton, Manager, Regulatory Interfaces
Mr. R. B. Sisk, Manager, AP1000 Licensing and Customer Interface
Mr. D. A. Lindgren, Principal Engineer, AP1000 Licensing and Customer Interface

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Ms. K. N. Slays

Other NuStart Energy Associates

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Mr. K. Hughey, Entergy
Mr. N. T. Simms, Duke Energy
Mr. G. A. Zinke, NuStart & Entergy
Mr. R. H. Kitchen, PGN
Ms. A. M. Monroe, SCE&G
Mr. T. Miller, DOE/PM

Southern Nuclear Operating Company

ND-10-1594

Enclosure 1

Revision to R-COLA FSAR

Chapter 3

NuStart Qb Tracking No. 4187

STD COL 03.08-05

Westinghouse responded to RAI-SRP3.8.2-SEB1-02 Revision 2 (via letter DCP_NRC_002945 as submitted July 2, 2010) and included revisions to the DCD to add a new COL Information Item 3.8-5 related to a "structures inspection program" and to address Regulatory Guides 1.160 and 1.199.

The VEGP FSAR will be revised as shown in the COL Application Revisions section below to address this new item. These changes will be incorporated in a future revision of the COL application.

This change is expected to be STANDARD for the S-COLAs.

Associated VEGP COL Application Revisions:

1. COLA Part 2, FSAR Chapter 1, Section 1.8, Table 1.8-202, will be revised to add new COL item listing to read:

3.8-5	Structures Inspection Program	3.8.6.5	3.8.3.7 3.8.4.7 3.8.5.7 3.8.6.5 17.6	A
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2. COLA Part 2, FSAR Chapter 1, Section 1.9, Table 1.9-201, Regulatory Guide 1.160 will be revised to add the following new FSAR Subsection references prior to the existing FSAR Section reference of 17.6 (NEI 07-02A):

3.8.3.7
3.8.4.7
3.8.5.7

3. COLA Part 2, FSAR Chapter 1, Section 1.9, Table 1.9-201, Regulatory Guide 1.199 will be revised from:

Not referenced;
See Appendix 1AA

To read:

DCD discussion only;
See DCD Table 1.9-1

4. COLA Part 2, FSAR Chapter 1, Appendix 1AA, Regulatory Guide 1.199 will be revised from:

NA This Regulatory Guide is not applicable to the AP1000 certified design.

To read:

Conformance with Revision 0 of the Regulatory Guide is as stated in the DCD.
This guidance is completely within the scope of the DCD.

5. COLA Part 2, FSAR Chapter 3, will be revised to add new Subsection 3.8.3.7 (with an LMA of STD COL 3.8-5) to read:

3.8.3.7 In-Service Testing and Inspection Requirements

Replace the existing DCD statement with the following:

The inspection program for structures is identified in Section 17.6. This inspection program is consistent with the requirements of 10 CFR 50.65 and the guidance in Regulatory Guide 1.160.

6. COLA Part 2, FSAR Chapter 3, will be revised to add new Subsection 3.8.4.7 (with an LMA of STD COL 3.8-5) to read:

3.8.4.7 Testing and In-Service Inspection Requirements

Replace the existing DCD final statement of the subsection with the following:

The inspection program for structures is identified in Section 17.6. This inspection program is consistent with the requirements of 10 CFR 50.65 and the guidance in Regulatory Guide 1.160.

7. COLA Part 2, FSAR Chapter 3, will be revised to add new Subsection 3.8.5.7 (with an LMA of STD COL 3.8-5) to read:

3.8.5.7 In-Service Testing and Inspection Requirements

Replace the existing DCD first statement with the following:

The inspection program for structures is identified in Section 17.6. This inspection program is consistent with the requirements of 10 CFR 50.65 and the guidance in Regulatory Guide 1.160.

8. COLA Part 2, FSAR Chapter 3, will be revised to add new Subsection 3.8.6.5 (with an LMA of STD COL 3.8-5) to read:

3.8.6.5 Structures Inspection Program

This item is addressed in Subsections 3.8.3.7, 3.8.4.7, 3.8.5.7, and 17.6.

9. COLA Part 2, FSAR Chapter 17, Section 17.6, will be revised to add a new LMA of STD COL 3.8-5 to the first paragraph.