

**Southern Nuclear
Operating Company, Inc.**
42 Inverness Center Parkway
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APR 02 2010

Docket Nos.: 52-025
52-026

ND-10-0702

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 17

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. As a result of the NRC's detailed review of the initial AP1000 Reference COL application (Bellefonte Units 3 and 4), the NRC has written a safety evaluation report (SER) with open items for the subject chapter. VEGP is addressing the open items identified in the SER as the new Reference COL applicant. In addition, this letter supplements a standard change to Chapter 17 submitted on January 29, 2010, and provides an additional plant-specific change to Chapter 1 of the Final Safety Analysis Report.

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.

D092
NRO

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 2nd day of April, 2010

Notary Public: Deborah A. Jaworski

My commission expires: October 24, 2012

CRP/BJIS/Imp

Enclosure: Revision to R-COLA FSAR, Chapters 1 and 17



cc: Southern Nuclear Operating Company

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Mr. T. E. Tynan, Vice President - Vogtle (w/o enclosure)
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Mr. M. K. Smith, Technical Support Director (w/o enclosure)
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Document Services RTYPE: AR01.1053
File AR.01.02.06

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Southern Nuclear Operating Company

ND-10-0702

Enclosure

Revision to R-COLA FSAR

Chapters 1 and 17

BLN eRAI Tracking No. 0066

NuStart Qb Tracking No. 4094

NRC BLN RAI Number 17.05-09

The TVA response to BLN-RAI-LTR-013 dated October 16, 2008, provided two changes to the COLA FSAR Section 17.5. Of the two changes, one of the changes was identified as a standard change and a second change was identified as plant-specific. It has been determined that additional changes also need to be made for each of the S-COLAs to provide appropriate references. These changes were not included in the recent Vogtle FSAR revision, and as such, are included with this letter. The changes identified below are expected to be STANDARD for each S-COLA that has not already incorporated such changes. Note that some of the content will be plant-specific, but the inclusion of similar changes is expected to be STANDARD for each S-COLA.

Associated VEGP COL Application Revisions:

1. COLA Part 2, FSAR Chapter 17, Section 17.5, will be revised in the first paragraph to add a STANDARD reference to Table 1.6-201 from (the LMAs remain unchanged):

This QAPD is incorporated by reference.

To read:

This QAPD is incorporated by reference (see Table 1.6-201).

2. COLA Part 2, FSAR Chapter 17, Section 17.5, will be revised to add a new third paragraph to read (the content will be plant-specific but inclusion of a similar change is STANDARD):
VEGP COL 17.5-1 The QAPD is the SNC Nuclear Development Quality Assurance Manual.

3. COLA Part 2, FSAR Chapter 1, Section 1.6, Table 1.6-201, will be revised to include a new item as Incorporated by Reference, and to add a bottom line to separate the Notes, to read (the content will be plant-specific but inclusion of a similar change is STANDARD):

QAPD	SNC Nuclear Development	9.0	17.5	December 2009	ML100081148
	Quality Assurance Manual				
