

Southern Nuclear
Operating Company, Inc.
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Docket Nos.: 52-025
52-026

ND-10-2192

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
Mitigative Strategies Description, Revision 1

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 the Mitigative Strategies Description and Plans (MSD) for VEGP Units 3 and 4 on May 29, 2009, to address the requirements of 10 CFR 52.80(d) related to Loss of Large Areas (LOLA) of the Plant due to Explosions or Fire. During their detailed review of the COL application (COLA), the NRC staff identified the need for additional information required to complete their review of the VEGP Units 3 and 4 MSD. By letters dated October 29, November 13, and December 23, 2009, and February 5, May 5, May 24, May 28, June 4, August 13, and October 8, 2010, SNC submitted responses to NRC Request for Additional Information (RAI) letter Nos. 042, 052, and 054, including supplements and errata, to address the staff's information needs.

Enclosure 1 to this letter identifies minor changes that were incorporated in Revision 1 of the MSD. These changes do not significantly affect the MSD and are expected to have no impact on the staff's review of this document. Enclosure 2 provides the revised VEGP Units 3 and 4 MSD, which incorporates the applicable COLA changes, as provided in the SNC RAI response letters noted above. The enclosed VEGP Units 3 and 4 MSD replaces, in its entirety, the May 29, 2009 version of the MSD and all previously submitted versions of the same. Accordingly, SNC withdraws the earlier versions of the VEGP MSD from NRC review. Because of the preponderance of changes that were incorporated in this complete MSD revision, revision bars were not used to mark individual changes. VEGP Units 3 and 4 MSD, Revision 1, will be incorporated into a future revision of the VEGP Units 3 and 4 COLA to address NRC requirements in 10 CFR 52.80(d).

Enclosures 1 and 2 contain Security-Related Information, and accordingly SNC requests that the enclosures be withheld from public disclosure under 10 CFR 2.390(d).

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NRO

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

Mr. Charles R. Pierce states that 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 12th day of November, 2010

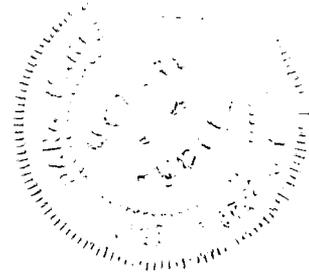
Notary Public: Dana Marie Williams

My commission expires: 12/29/2010

CRP/BJJ

Enclosures:

1. {Non-Publicly Available} Minor Changes Incorporated in the VEGP Units 3 and 4 COL Application Mitigative Strategies Description and Plans, Revision 1, November 2010 [Note: Contains SUNSI – Security-Related Information]
2. {Non-Publicly Available} Southern Nuclear Operating Company, VEGP Units 3 and 4 COL Application Mitigative Strategies Description and Plans, Revision 1, November 2010 [Note: Contains SUNSI – Security-Related Information]



cc: Southern Nuclear Operating Company

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