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52-026

ND-17-2116  
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U.S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555-0001

Mr. Fred Brown  
Director, Office of New Reactors  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Southern Nuclear Operating Company  
Vogtle Electric Generating Plant Units 3 and 4  
Notification in Accordance with License Condition 2.D(12)(b) for  
As-Designed Pipe Rupture Hazards Analysis

Ladies and Gentlemen:

Southern Nuclear Operating Company (SNC), the licensee for Vogtle Electric Generating Plant (VEGP) Units 3 and 4, provides this notification in accordance with the license condition 2.D(12)(b) of the combined licenses for VEGP Units 3 and 4, Numbers NPF-91 and NPF-92, respectively.

The license condition requires Southern Nuclear to "complete the as-designed pipe rupture hazards analysis for compartments (rooms) containing those segments in accordance with the criteria outlined in the AP1000 DCD, Rev. 19, Sections 3.6.1.3.2 (as revised by Amendment No. 51) and 3.6.2.5, and shall inform the Director of NRO, or the Director's designee, in writing, upon the completion of this analysis and the availability of the as-designed pipe rupture hazards analysis reports."

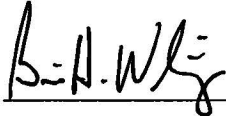
The purpose of this letter is to notify the Nuclear Regulatory Commission (NRC) that the scope of the analysis required in the license condition described below is complete and available for NRC inspection:

- The Pipe Rupture Hazards Analysis (PRHA), and its supporting documents, for the Turbine Building as documented in the PRHA Summary Report for the Auxiliary Building

This letter has been reviewed and confirmed to not contain security-related information. This letter contains no regulatory commitments.

I declare under penalty of perjury that the foregoing is true and correct. Executed on the 19<sup>th</sup> day of December 2017.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "B. H. Whitley", is written over a horizontal line.

Brian H. Whitley  
Director, Regulatory Affairs  
Southern Nuclear Operating Company

U.S. Nuclear Regulatory Commission

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