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10 CFR 50.46

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

Southern Nuclear Operating Company
Vogtle Electric Generating Plant Units 3 and 4
10 CFR 50.46 Annual Report

Ladies and Gentlemen:

The purpose of this letter is to provide a required report in accordance with 10 CFR 50.46, "Acceptance Criteria for Emergency Core Cooling Systems for Light-Water Nuclear Power Reactors," for the Vogtle Electric Generating Plant (VEGP) Units 3 and 4 combined licenses (COLs), License Nos. NPF-91 and NPF-92, respectively.

On March 27, 2013, Westinghouse Electric Company, LLC (WEC) submitted to the NRC their annual report required by 10 CFR 50.46 (Westinghouse letter DCP_NRC_003242, 10 CFR 50.46 Annual Report for the AP1000[®] Standard Plant Design).

Southern Nuclear Operating Company's (SNC's) COLs for VEGP Units 3 and 4 incorporate by reference Appendix D to 10 CFR Part 52, and thus, utilize the Peak Cladding Temperature (PCT) calculations performed by WEC for the AP1000 standard plant design. Therefore, the WEC annual report is also applicable to the VEGP Units 3 and 4 COLs.

If there are any questions regarding this report, please contact Mr. Brian Meadors at (205) 992-7331.

Respectfully submitted,

SOUTHERN NUCLEAR OPERATING COMPANY

A handwritten signature in black ink that reads "B. H. Whitley". The signature is written in a cursive style with a large initial "B".

Brian H. Whitley

BHW/GAB/kms

cc: Southern Nuclear Operating Company/ Georgia Power Company

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