

PMVogtleCOLPEm Resource

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Sent: Friday, April 16, 2010 3:06 PM
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Cc: Aughtman, Amy G.; Becker, Gary A.
Subject: Southern Nuclear Submittal Letter ND-10-0690 Annual 50.46 Report for VEGP Units 3 and 4 COL Application
Attachments: ND-10-0690 Annual 50-46 Report.pdf

Southern Nuclear has transmitted letter ND-10-0690, dated April 16, 2010, to the NRC Document Control Desk regarding the Combined License Application 10 CFR 50.46 Annual Report for Vogtle Electric Generating Plant Units 3 and 4. Attached is such document.

Thanks
Lesla Palmore
Southern Nuclear
Nuclear Development Licensing
205-992-5934

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Units 3 and 4 COL Application
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APR 16 2010

Docket Nos.: 52-025
52-026

ND-10-0690
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 Combined License Application
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 combined license (COL) application submitted for Vogtle Electric Generating Plant (VEGP) Units 3 and 4.

On March 18, 2010, Westinghouse Electric Company, LLC (WEC) submitted to the NRC their annual report required by 10 CFR 50.46 (letter DCP_NRC_002824, "10 CFR 50.46 Annual Report for the AP1000 Standard Plant Design"). Attachment 1 of the WEC letter contains the analysis required by 10 CFR 50.46. As stated in that letter, there is no change in the calculated peak cladding temperature from that reported in the 2009 Annual Report. Southern Nuclear Operating Company's (SNC's) COL application for proposed VEGP Units 3 and 4 incorporates by reference the AP1000 design control document (DCD), and thus, utilizes the peak cladding temperature calculations performed by WEC. Therefore, the WEC report is also applicable to the VEGP Units 3 and 4 COL Application.

If there are any questions regarding this report, please contact Mr. Wes Sparkman at (205) 992-5061.

Respectfully submitted,

SOUTHERN NUCLEAR OPERATING COMPANY

A handwritten signature in black ink, appearing to read "B L Ivey", written over a horizontal line.

B. L. (Pete) Ivey
Vice President, Nuclear Development Support

BLI/GAB/Imp

cc: Southern Nuclear Operating Company

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Document Services RTYPE: AR01.1053
File AR.01.02.06

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