

B. H. Whitley  
Director  
Regulatory Affairs

Southern Nuclear  
Operating Company, Inc.  
42 Inverness Center Parkway  
Birmingham, AL 35242

Tel 205.992.7079  
Fax 205.992.5296



March 18, 2016

Docket Nos.: 52-025  
52-026

ND-16-0422  
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 15, 2016, Westinghouse Electric Company, LLC (WEC) submitted to the NRC their annual report required by 10 CFR 50.46 (Westinghouse letter DCP\_NRC\_003287, 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. Wes Sparkman at (205) 992-5061.

Respectfully submitted,

SOUTHERN NUCLEAR OPERATING COMPANY

A handwritten signature in black ink that reads "Brian H. Whitley". The signature is written in a cursive, flowing style.

Brian H. Whitley

BHW/GAB/ljs

cc:

Southern Nuclear Operating Company / Georgia Power Company

Mr. S. E. Kuczynski

Mr. M. D. Rauckhorst

Mr. D. G. Bost

Mr. M. D. Meier

Mr. J. T. Gasser

Mr. D. H. Jones

Ms. K. D. Fili

Mr. D. L. McKinney

Mr. T.W. Yelverton

Mr. B. H. Whitley

Mr. C. R. Pierce

Mr. D. L. Fulton

Mr. M. J. Yox

Mr. J. C. Haswell

Mr. T. R. Takats

Mr. W. A. Sparkman

Mr. J. P. Redd

Ms. K. A. Roberts

Document Services RTYPE: VND.LI.L00

File AR.01.02.06

Nuclear Regulatory Commission

Ms. C. Haney

Mr. M. Delligatti

Mr. L. Burkhart

Mr. J. McKirgan

Mr. P. Kallan

Mr. C. Patel

Mr. W. C. Gleaves

Mr. B. M. Bovol

Ms. R. Reyes

Ms. M. A. Sutton

Mr. M. E. Ernestes

Mr. G. Khouri

Mr. J. D. Fuller

Ms. S. Temple

Ms. J. Uhle

Mr. T.E. Chandler

Ms. P. Braxton

State of Georgia

Mr. J. H. Turner

Oglethorpe Power Corporation

Mr. M. W. Price  
Mr. K. T. Haynes  
Ms. A. Whaley

Municipal Electric Authority of Georgia

Mr. J. E. Fuller  
Mr. S. M. Jackson

Dalton Utilities

Mr. T. Bundros

WECTEC

Ms. K. Stoner  
Mr. C. A. Castell

Westinghouse Electric Company, LLC

Mr. R. Easterling  
Mr. J. W. Crenshaw  
Mr. C. D. Churchman  
Mr. L. Woodcock  
Mr. P. A. Russ  
Mr. G. F. Couture  
Mr. M. Y. Shaqqo

Other

Mr. J. E. Hesler, Bechtel Power Corporation  
Ms. L. A. Matis, Tetra Tech NUS, Inc.  
Dr. W. R. Jacobs, Jr., Ph.D., GDS Associates, Inc.  
Mr. S. Roetger, Georgia Public Service Commission  
Ms. S. W. Kernizan, Georgia Public Service Commission  
Mr. K. C. Greene, Troutman Sanders  
Mr. S. Blanton, Balch Bingham  
Mr. R. Grumbir, APOG  
Mr. J. R. Bouknight, South Carolina Electric & Gas Company  
Mr. D. Kersey, South Carolina Electric & Gas Company  
Mr. B. Kitchen, Duke Energy  
Mr. S. Franzone, Florida Power & Light