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April 24, 2013

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

10 CFR 50.46

Subject: Duke Energy Carolinas, LLC  
William States Lee III Nuclear Station - Docket Nos. 52-018 and 52-019  
AP1000 Combined License Application for the  
William States Lee III Nuclear Station Units 1 and 2  
10 CFR 50.46 Annual Report  
Ltr#: WLG2013.04-03

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 the William States Lee III (WLS) Nuclear Station.

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).

Duke Energy's COL application for the proposed WLS Nuclear Station Units 1 and 2 incorporates by reference Appendix D to 10 CFR Part 52, and thus, utilize the peak cladding temperature calculations performed by Westinghouse for the AP1000 standard plant design. Therefore, the WEC annual report is also applicable to the WLS Units 1 and 2 COL application.

If you have any questions or need any additional information, please contact Robert H. Kitchen, Nuclear Development Licensing Director, at (704) 382-4046.

Sincerely,

Christopher M. Fallon  
Vice President  
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April 24, 2013  
Page 2 of 2

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Frederick Brown, Deputy Regional Administrator, Region II  
Brian Hughes, Senior Project Manager, DNRL