

Jeffrey T. Gasser  
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Operational Readiness &  
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Plant Vogtle Units 3&4

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Docket Nos.: 52-025  
52-026

ND-15-1293  
10 CFR 50.54

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

Southern Nuclear Operating Company  
Vogtle Electric Generating Plant Units 3 and 4  
License (COL) Numbers NPF-91 and NPF-92  
Supplement to Response to Nuclear Regulatory Commission (NRC) Letter Regarding  
Bulletin 2012-01, Design Vulnerability In Electric Power System

Ladies and Gentlemen:

On October 30, 2014, an NRC public meeting was held with Southern Nuclear Operating Company (SNC) and South Carolina Electric and Gas (SCE&G) to discuss the SNC and SCE&G responses to NRC Bulletin 2012-01, "Design Vulnerability In Electric Power System." This meeting was organized to provide an opportunity for both utilities to clarify previously submitted information. Based on the results of this meeting, the NRC staff issued an NRC Letter dated November 5, 2014 (ML14246A167), regarding "Bulletin 2012-01, Design Vulnerability In Electric Power System."

On January 29, 2015, SNC submitted letter ND-15-0133, "Response to Nuclear Regulatory Commission (NRC) Letter dated November 5, 2014 Regarding Bulletin 2012-01, Design Vulnerability In Electric Power System." In this letter, SNC acknowledged that the open phase event described in Bulletin 2012-01 is not a safety concern for the AP1000 design. However, SNC did commit to perform the necessary analysis and implement any subsequent modifications to ensure that operations personnel could adequately detect an open phase condition and that the detection should alarm in the main control room. The target completion date for this commitment was by the end of the second maintenance/refueling outage for each unit.

This supplement is to revise the completion date that was previously committed to in SNC response letter ND-15-0133. The target dates for completion of analysis and modifications associated with open phase concerns addressed in NRC Bulletin 2012-01 will be prior to fuel load for each unit as stated in the Enclosure to this letter.

Should you have any questions, please contact Mr. Jason Redd by telephone at 205-992-6435.

Mr. Jeffrey T. Gasser states that: he is an Executive Vice President of Southern Nuclear Operating Company; he is authorized to execute this oath on behalf of Southern Nuclear Operating Company; and to the best of his knowledge and belief, the facts set forth in this letter are true.

Respectfully submitted,

SOUTHERN NUCLEAR OPERATING COMPANY



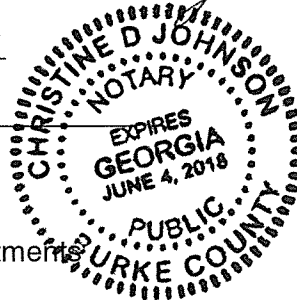
Jeffrey T. Gasser  
Executive Vice President  
Operational Readiness and Site Integration

JTG/CLW/kms

Sworn to and subscribed before me this 22 day of July, 2015

Notary Public: Christine D Johnson

My commission expires: June 4, 2018



Enclosure: List of Regulatory Commitments

- References:
1. NRC Bulletin 2012-01: "Design Vulnerability In Electric Power System," dated July 27, 2012 (ML12074A115)
  2. NRC Letter dated November 5, 2014, "Bulletin 2012-01, Design Vulnerability In Electric Power System" (ML14246A167)
  3. SNC Letter ND-15-0133 dated January 29, 2015, Response to Nuclear Regulatory Commission (NRC) Letter dated November 5, 2014 Regarding Bulletin 2012-01, Design Vulnerability in Electric Power System (ML15030A357)



cc:

Southern Nuclear Operating Company / Georgia Power Company

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Mr. P. A. Russ

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Other

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Ms. K. K. Patterson, 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

**Southern Nuclear Operating Company**

**ND-15-1293**

**Enclosure**

**Vogtle Electric Generating Plant (VEGP) Units 3 and 4**

**List of Regulatory Commitments**

## List of Regulatory Commitments

The following table identifies those actions committed to by the Southern Nuclear Operating Company in this submittal. Any other statements are provided for information purposes and are not considered to be regulatory commitments. Please direct questions regarding these commitments to Jason Redd at (205) 992-6435.

REGULATORY COMMITMENTS	DUE DATE/EVENT
1. VEGP Unit 3 will perform the necessary analysis and implement any subsequent modifications to ensure that operations personnel can adequately detect an open phase condition and that the detection should alarm in the main control room.	Prior to fuel load for VEGP Unit 3.
2. VEGP Unit 4 will perform the necessary analysis and implement any subsequent modifications to ensure that operations personnel can adequately detect an open phase condition and that the detection should alarm in the main control room.	Prior to fuel load for VEGP Unit 4.