

Michael J. Yox  
Regulatory Affairs Director  
Vogtle 3 & 4  
Nuclear Development

Southern Nuclear  
Operating Company, Inc.  
7825 River Road  
Waynesboro, GA 30830  
Tel: 706.848.6459



**MAR 18 2016**

Docket No.: 52-025

ND-16-0300  
10 CFR 52.99(c)(1)

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

Southern Nuclear Operating Company  
ITAAC Closure Notification on Completion of Vogtle Electric Generating Plant Unit 3 ITAAC  
2.3.11.02.i [Index Number 450]

Ladies and Gentlemen:

In accordance with 10 CFR 52.99(c)(1), the purpose of this letter is to notify the Nuclear Regulatory Commission (NRC) of the completion of Vogtle Electric Generating Plant (VEGP) Unit 3 Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) Item 2.3.11.02.i [Index Number 450] for verifying that the equipment identified as having seismic design requirements in Table 2.3.11-1 is located on the Nuclear Island. The closure process for this ITAAC is based on the guidance described in NEI 08-01, Industry Guideline for the ITAAC Closure Process under 10 CFR Part 52, which was endorsed by the NRC in Regulatory Guide 1.215.

This letter contains no new NRC regulatory commitments. Southern Nuclear Operating Company (SNC) requests NRC staff confirmation of this determination and publication of the required notice in the Federal Register per 10 CFR 52.99.

If there are any questions, please contact Paulo Albuquerque at 706-848-5531.

Respectfully submitted,

Michael J. Yox  
Regulatory Affairs Director Vogtle 3&4

Enclosure: Vogtle Electric Generating Plant (VEGP) Unit 3  
Completion of ITAAC 2.3.11.02.i [Index Number 450]

**To:**

**Southern Nuclear Operating Company/Georgia Power Company**

Mr. S. E. Kuczynski (w/o enclosures)  
Mr. D. A. Bost (w/o enclosures)  
Mr. M. D. Meier  
Mr. M. D. Rauckhorst (w/o enclosures)  
Mr. J. T. Gasser (w/o enclosures)  
Mr. D. H. Jones (w/o enclosures)  
Ms. K. D. Fili  
Mr. D. L. McKinney  
Mr. B. H. Whitley  
Mr. D. L. Fulton  
Mr. M. J. Yox  
Mr. P. C. Albuquerque  
Ms. A. L. Pugh  
Ms. K. Stacy  
Mr. J.J. Olson  
Mr. W. A. Sparkman  
Mr. J. P. Redd  
Mr. D. R. Culver  
Document Services RTYPE: VND.LI.L06  
File AR.01.02.06

**cc:**

**Nuclear Regulatory Commission**

Ms. C. Haney (w/o enclosures)  
Mr. M. Delligatti (w/o enclosures)  
Mr. L. Burkhardt (w/o enclosures)  
Mr. C. Patel  
Mr. B. M. Bovol  
Ms. R. Reyes  
Ms. M. A. Sutton  
Mr. M. E. Ernstes  
Mr. G. Khouri  
Mr. M. G. Kowal  
Mr. J. D. Fuller  
Ms. K. Steddenbenz  
Mr. T. Chandler  
Ms. S. Temple  
Ms. P. Braxton  
Mr. M. Junge

**Oglethorpe Power Corporation**

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

**Municipal Electric Authority of Georgia**

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

**Dalton Utilities**

Mr. D. Cope

**WECTEC**

Ms. K. Stoner (w/o enclosures)  
Mr. C. A. Castell

**Westinghouse Electric Company, LLC**

Mr. R. Easterling (w/o enclosures)  
Mr. J. W. Crenshaw (w/o enclosures)  
Mr. L. Woodcock (w/o enclosures)  
Mr. M. P. Rubin  
Mr. P. A. Russ  
Mr. G. F. Couture  
Mr. M. Y. Shaqqo  
Ms. S. DiTommaso

**Other**

Mr. R. W. Prunty, *Bechtel Power Corporation*  
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*

**Southern Nuclear Operating Company  
ND-16-0300  
Enclosure**

**Vogtle Electric Generating Plant (VEGP) Unit 3  
Completion of ITAAC 2.3.11.02.i [Index Number 450]**

### **ITAAC Statement**

#### **Design Commitment:**

2. The equipment identified as having seismic design requirements in Table 2.3.11-1 can withstand seismic design basis loads without loss of its structural integrity function.

#### **Inspections, Tests, Analyses:**

- i) Inspection will be performed to verify that the equipment identified as having seismic design requirements in Table 2.3.11-1 is located on the Nuclear Island.

#### **Acceptance Criteria:**

- i) The equipment identified as having seismic design requirements in Table 2.3.11-1 is located on the Nuclear Island.

### **ITAAC Determination Basis**

Multiple ITAAC are performed to demonstrate that the equipment identified as having seismic design requirements in VEGP Unit 3 Combined License (COL) Appendix C, Table 2.3.11-1, can withstand seismic design basis loads without loss of its structural integrity function. The subject ITAAC requires an inspection to be performed to verify that the Gaseous Radwaste System (WGS) Activated Carbon Delay Beds are located on the Nuclear Island, which is a Seismic Category I structure.

To assure that the equipment identified in COL Table 2.3.11-1 can withstand the appropriate seismic design basis loads without loss of its structural integrity function, an inspection was conducted of the WGS to confirm the satisfactory installation of the equipment with seismic design requirements identified in attached Table 1. The inspection included verification of equipment number and location. The inspections to verify installed component locations are documented in Quality Assurance Inspection Reports 132175-QA-M315-004-14-0025 (Reference 1) and M315-15-10044 (Reference 2). The results of the inspections conclude that each component identified in Table 1 is located on the Nuclear Island.

### **ITAAC Finding Review**

In accordance with plant procedures for ITAAC completion, Southern Nuclear Operating Company (SNC) performed a review of ITAAC Findings and associated corrective actions. This review found that there are no relevant ITAAC Findings associated with this ITAAC. The ITAAC completion review is referenced in the Vogtle Unit 3 ITAAC Completion Package for ITAAC 2.3.11.02.i (Reference 3) and is available for NRC review.

### **ITAAC Completion Statement**

Based on the above information, SNC hereby notifies the NRC that ITAAC 2.3.11.02.i [Index Number 450] was performed for VEGP Unit 3 and that the prescribed acceptance criteria are met.

Systems, structures, and components verified as part of this ITAAC are being maintained in their as-designed, ITAAC compliant condition in accordance with approved plant programs and procedures.

**References (available for NRC inspection)**

1. 132175-QA-M315-004-14-0025, QA Type "A" Inspection Report – Mechanical Fixed Equipment – Vessels and Tanks, Rev. 1
2. M315-15-10044, QA Type "A" Inspection Report – Mechanical Fixed Equipment – Vessels and Tanks, Rev. 1
3. SVP\_SV0\_003716, Attachment 1, Submittal of Inspections, Test, Analyses and Acceptance Criteria (ITAAC) Completion Package for Unit 3 ITAAC 2.3.11.02.i [Index Number 450] (Verification of WGS Seismic Equipment Located on Nuclear Island)

**Table 1**

**ITAAC Number: 2.3.11.02.i**

**Applicable Seismic Excerpt from  
VEGP Unit 3 COL Appendix C Table 2.3.11-1**

<b>Equipment Name</b>	<b>Tag ID</b>	<b>Seismic Category I</b>
WGS Activated Carbon Delay Bed A	WGS-MV-02A	No <sup>(1)</sup>
WGS Activated Carbon Delay Bed B	WGS-MV-02B	No <sup>(1)</sup>

- <sup>(1)</sup> The WGS activated carbon delay beds (WGS-MV-02A and WGS-MV-02B) are designed to one-half Safe Shutdown Earthquake (SSE).