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

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**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).