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

Southern Nuclear Operating Company  
Vogtle Electric Generating Plant Unit 3  
ITAAC Closure Notification on Completion of ITAAC 3.3.00.07ab [Index Number 790]

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 3.3.00.07ab [Index Number 790]. This ITAAC verified that Class 1E electrical cables, communication cables associated with only one division, and raceways that route the Class 1E electrical cables and the communication cables are identified according to the applicable color-coded Class 1E divisions in the non-radiologically controlled area of the auxiliary building. 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 is 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 Kelli Roberts at 706-848-6991.

Respectfully submitted,

A handwritten signature in black ink that reads "Kelli Roberts for SNC".

Jamie M. Coleman  
Regulatory Affairs Director Vogtle 3 & 4

Enclosure: Vogtle Electric Generating Plant (VEGP) Unit 3  
Completion of ITAAC 3.3.00.07ab [Index Number 790]

JMC/CMK/sfr

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**Southern Nuclear Operating Company**  
**ND-21-0291**  
**Enclosure**

**Vogtle Electric Generating Plant (VEGP) Unit 3**  
**ITAAC Closure Notification on Completion of ITAAC 3.3.00.07ab [Index Number 790]**

## **ITAAC Statement**

### **Design Commitment**

7.a) Class 1E electrical cables, communication cables associated with only one division, and raceways that route the Class 1E electrical cables and the communication cables are identified according to applicable color-coded Class 1E divisions.

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

Inspections of the as-built Class 1E cables and the as-built raceways that route the Class 1E cables will be conducted.

### **Acceptance Criteria**

b) Class 1E electrical cables, and communication cables associated with only one division, and the raceways that route these cables in the non-radiologically controlled area of the auxiliary building are identified by the appropriate color code.

## **ITAAC Determination Basis**

Multiple ITAAC are performed to demonstrate that Class 1E electrical cables, communication cables associated with only one division, and raceways that route the Class 1E electrical cables and the communication cables are identified according to applicable color-coded Class 1E divisions. The subject ITAAC requires inspections of the as-built Class 1E cables and the as-built raceways that route the Class 1E cables to confirm that Class 1E electrical cables, and communication cables associated with only one division, and the raceways that route these cables in the non-radiologically controlled area of the auxiliary building are identified by the appropriate color code.

The raceway and cable divisional color coding for identification purposes is described in APP-GW-E1-001, Electrical Systems Design Criteria (Reference 1). Installation specifications provided to the constructor identify the color coding criteria, consistent with the ITAAC commitment.

Class 1E electrical cables, communication cables associated with only one division, and raceways were installed in accordance with design drawings and installation specifications issued for construction, and work package requirements. Completed raceway installation, in-progress and completed cable installation, and completed cable terminations were inspected to ensure the color coding installation specifications are satisfied. Inspections were performed in accordance with the Construction Quality Verification Program, 26139-000-4MP-T81C-N7101 (Reference 2), or the Quality Control Inspection Program, ND-EN-VNP-020 (Reference 5). The completed inspection records document the satisfactory color coding of the Class 1E electrical cables, communication cables associated with only one division, and raceways.

Reference 3 identifies the inspection reports associated with the cable and raceway color coding inspections, and confirms that the Class 1E electrical cables, and communication cables associated with only one division, and the raceways that route these cables in the non-radiologically controlled area of the auxiliary building are identified by the appropriate color code.



Reference 3 is available for NRC inspection as part of the Unit 3 ITAAC 3.3.00.07ab Completion Package (Reference 4).

#### **ITAAC Finding Review**

In accordance with plant procedures for ITAAC completion, Southern Nuclear Operating Company (SNC) performed a review of all ITAAC findings and associated corrective actions. This review found no relevant ITAAC findings associated with this ITAAC and is documented in Reference 4.

#### **ITAAC Completion Statement**

Based on the above information, SNC hereby notifies the NRC that ITAAC 3.3.00.07ab 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. APP-GW-E1-001, Electrical Systems Design Criteria
2. 26139-000-4MP-T81C-N7101, Construction Quality Verification Program
3. SV3-1200-ITR-AUXNRDIR, Unit 3 Cable and Raceway Report for the Non-Radiologically Controlled Area of the Auxiliary Building
4. 3.3.00.07ab-U3-CP-Rev0, ITAAC Completion Package
5. ND-EN-VNP-020, Quality Control Inspection Program