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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 3.3.00.07bc [Index Number 794]

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 3.3.00.07bc [Index Number 794]. This ITAAC verified Class 1E divisional electrical cables and communication cables associated with only one division are routed in their respective divisional raceways in the 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,

Jamie M. Coleman  
Regulatory Affairs Director Vogtle 3 & 4

Enclosure: Vogtle Electric Generating Plant (VEGP) Unit 3 ITAAC  
Completion of ITAAC 3.3.00.07bc [Index Number 794]

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U.S. Nuclear Regulatory Commission

ND-22-0466

Page 2 of 3

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U.S. Nuclear Regulatory Commission

ND-22-0466

Page 3 of 3

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U.S. Nuclear Regulatory Commission  
ND-22-0466 Enclosure  
Page 1 of 3

**Southern Nuclear Operating Company  
ND-22-0466  
Enclosure**

**Vogtle Electric Generating Plant (VEGP) Unit 3 ITAAC  
Completion of ITAAC 3.3.00.07bc [Index Number 794]**

## **ITAAC Statement**

### Design Commitment

7.b) Class 1E divisional electrical cables and communication cables associated with only one division are routed in their respective divisional raceways.

### Inspections/Tests/Analyses

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

### Acceptance Criteria

c) Class 1E electrical cables and communication cables in the radiologically controlled area of the auxiliary building associated with only one division are routed in raceways assigned to the same division. There are no other safety division electrical cables in a raceway assigned to a different division.

## **ITAAC Determination Basis**

Multiple ITAAC are performed to demonstrate that Class 1E divisional electrical cables and communication cables associated with only one division are routed in their respective divisional raceways. The subject ITAAC requires inspections of the as-built Class 1E divisional cables and the as-built raceways that route the Class 1E cables be conducted to confirm that Class 1E electrical cables and communication cables in the radiologically controlled area of the auxiliary building associated with only one division are routed in raceways assigned to the same division and that there are no other safety division electrical cables in a raceway assigned to a different division. The raceway and cable divisional grouping is described in APP-GW-E1-001, Electrical System Design Criteria (Reference 1). Installation specifications provided to the constructor identify the routing criteria, consistent with the ITAAC commitment.

Class 1E electrical cables and communication cables in the radiologically controlled area of the auxiliary building were routed in raceways 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 routing criteria in the installation specifications are satisfied. Inspections were performed in accordance with the Construction Quality Verification Program 26139-000-4MP-T81C-N7101 (Reference 2). The completed inspection records document the satisfactory routing of the Class 1E electrical cables and communication cables associated with only one division in raceways assigned to the same division and that there are no other safety division electrical cables in a raceway assigned to a different division.

Cable Separation Report (Reference 3) identifies the inspection reports associated with the cable routing inspections, and confirms that the Class 1E electrical cables and communication cables in the radiologically controlled area of the auxiliary building associated with only one division are routed in raceways assigned to the same division and that there are no other safety division electrical cables in a raceway assigned to a different division.

The Cable Separation Report (Reference 3) is available for NRC inspection as part of the Unit 3 ITAAC Completion Package (Reference 4).

### **List of ITAAC Findings**

In accordance with plant procedures for ITAAC completion, Southern Nuclear Operating Company (SNC) performed a review of all findings pertaining to the subject ITAAC and associated corrective actions. This review found there are no relevant ITAAC findings associated with this ITAAC. The ITAAC completion review is documented in the ITAAC Completion Package for ITAAC 3.3.00.07bc (Reference 4) and is available for NRC review.

### **ITAAC Completion Statement**

Based on the above information, SNC hereby notifies the NRC that ITAAC 3.3.00.07bc 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 System Design Criteria
2. 26139-000-4MP-T81C-N7101, Construction Quality Verification Program
3. SV3-1200-ITR-AUXRD, Unit 3 Cable Separation Report for the Radiologically Controlled Area of the Auxiliary Building
4. Unit 3 ITAAC 3.3.00.07bc Completion Package