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Docket No.: 52-025

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ND-16-2103  
10 CFR 52.99(c)(3)

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

Southern Nuclear Operating Company  
Vogtle Electric Generating Plant Unit 3  
Notice of Uncompleted ITAAC 225-days Prior to Initial Fuel Load  
Item 3.3.00.07ac [Index Number 791]

Ladies and Gentlemen:

Pursuant to 10 CFR 52.99(c)(3), Southern Nuclear Operating Company hereby notifies the NRC that as of October 14, 2016, Vogtle Electric Generating Plant (VEGP) Unit 3 Uncompleted Inspection, Test, Analysis, and Acceptance Criteria (ITAAC) Item 3.3.00.07ac [Index Number 791] has not been completed greater than 225-days prior to initial fuel load. The Enclosure describes the plan for completing ITAAC 3.3.00.07ac [Index Number 791]. Southern Nuclear Operating Company will at a later date provide additional notifications for ITAAC that have not been completed 225-days prior to initial fuel load.

This notification is informed by 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. In accordance with NEI 08-01, this notification includes ITAAC for which required inspections, tests, or analyses have not been performed or have been only partially completed. All ITAAC will be fully completed and all Section 52.99(c)(1) ITAAC Closure Notifications will be submitted to NRC to support the Commission finding that all acceptance criteria are met prior to plant operation, as required by 10 CFR 52.103(g).

This letter contains no new NRC regulatory commitments.

If there are any questions, please contact David Woods at 706-848-6903.

Respectfully submitted,

  
Michael J. Yox  
Regulatory Affairs Director Vogtle 3&4

U.S. Nuclear Regulatory Commission  
ND-16-2103  
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Enclosure: Vogtle Electric Generating Plant (VEGP) Unit 3  
Completion Plan for Uncompleted ITAAC 3.3.00.07ac [Index Number 791]

MJY/kms/amm

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**Southern Nuclear Operating Company  
ND-16-2103  
Enclosure**

**Vogtle Electric Generating Plant (VEGP) Unit 3  
Completion Plan for Uncompleted ITAAC 3.3.00.07ac [Index Number 791]**

**Subject: Uncompleted ITAAC 3.3.00.07ac [Index No. 791]**

**ITAAC Statement**

**Design Commitment**

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

**Inspections/Tests/Analyses**

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

**Acceptance Criteria**

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

**ITAAC Completion Description**

Multiple ITAAC are performed to demonstrate that Class 1E electrical cables, communication cables associated with only one division, and raceways are identified according to applicable color-coded Class 1E divisions. The subject ITAAC requires inspections of the as-built Class 1E cables, communications cables, and raceways to confirm that Class 1E electrical cables, and communication cables in the radiologically controlled area of the auxiliary building associated with only one division, and raceways 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 in accordance with design drawings and installation specifications issued for construction, and work package requirements. Completed raceway installation, in-progress cable installation, and completed cable terminations are inspected to ensure the color coding installation specifications are satisfied. Inspections are performed in accordance with Nuclear Quality Site Instruction QSI 10.1-V (Reference 2). The completed inspection records document the satisfactory color coding of the Class 1E electrical cables, communication cables associated with only one division, and raceways.

Cable Separation Report XXX (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 in the radiologically controlled area of the auxiliary building associated with only one division, and raceways are identified by the appropriate color code.

The Cable Separation Report XXX is available for NRC inspection as part of the 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.

### **References (available for NRC inspection)**

1. APP-GW-E1-001, Electrical Systems Design Criteria
2. Nuclear Quality Site Instruction QSI 10.1-V, Inspection Planning and Reporting
3. Cable Separation Report XXX
4. ITAAC 3.3.00.07ac Completion Package
5. NEI 08-01, "Industry Guideline for the ITAAC Closure Process Under 10 CFR Part 52"