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ND-17-1131  
10 CFR 52.99(c)(3)

U.S. Nuclear Regulatory Commission  
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Southern Nuclear Operating Company  
Vogtle Electric Generating Plant Unit 3 and Unit 4  
Notice of Uncompleted ITAAC 225-days Prior to Initial Fuel Load  
Item 2.1.02.13c [Index Number 65]

Ladies and Gentlemen:

Pursuant to 10 CFR 52.99(c)(3), Southern Nuclear Operating Company hereby notifies the NRC that as of June 21, 2017, Vogtle Electric Generating Plant (VEGP) Unit 3 and Unit 4 Uncompleted Inspection, Test, Analyses, and Acceptance Criteria (ITAAC) Item 2.1.02.13c [Index Number 65] has not been completed greater than 225-days prior to initial fuel load. The Enclosure describes the plan for completing ITAAC 2.1.02.13c [Index Number 65]. 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)(3) 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,

A handwritten signature in black ink, appearing to read "Michael J. Yox", written over a horizontal line.

Michael J. Yox  
Regulatory Affairs Director Vogtle 3 & 4

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Enclosure: Vogtle Electric Generating Plant (VEGP) Unit 3 and Unit 4  
Completion Plan for Uncompleted ITAAC 2.1.02.13c [Index Number 65]

MJY/RAS/amw

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**Southern Nuclear Operating Company  
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**Vogtle Electric Generating Plant (VEGP) Unit 3 and Unit 4  
Completion Plan for Uncompleted ITAAC 2.1.02.13c [Index Number 65]**

## **ITAAC Statement**

### **Design Commitment**

13.c) The RCPs trip after receiving a signal from the DAS.

### **Inspections/Tests/Analyses**

Testing will be performed using real or simulated signals into the DAS.

### **Acceptance Criteria**

The RCPs trip after receiving a signal from the DAS.

## **ITAAC Completion Description**

Testing is performed in accordance with Unit 3 and Unit 4 preoperational test procedures SV3-DAS-T1P-501 and SV4-DAS-T1P-501 (References 1 and 2, respectively) to verify that the Reactor Coolant Pumps (RCPs) trip after receiving a signal from the Diverse Actuation System (DAS). Real or simulated signals are provided into the DAS and the RCPs are confirmed to trip after a signal is received from the DAS.

Each RCP Variable Frequency Drive (VFD) supply breaker is placed in the closed position and a manual Core Makeup Tank (CMT) actuation is initiated. The CMT actuation signal from the DAS causes the RCPs to trip when the RCP VFD supply breakers open. The RCP VFD supply breakers are verified to be open in the main control room and locally. The Unit 3 and Unit 4 preoperational test results reports SV3-DAS-T2R-501 and SV4-DAS-T2R-501 (References 3 and 4, respectively) confirm that each RCP trips after receiving a signal from the DAS.

Reference 1, 2, 3 and 4 are available for NRC inspection as part of the ITAAC 2.1.02.13c Completion Package (Reference 5).

## **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. SV3-DAS-T1P-501, "Diverse Actuation System Preoperational Test Procedure"
2. SV4-DAS-T1P-501, "Diverse Actuation System Preoperational Test Procedure"
3. SV3-DAS-T2R-501, "Diverse Actuation System Preoperational Test Results Report"
4. SV4-DAS-T2R-501, "Diverse Actuation System Preoperational Test Results Report"
5. ITAAC 2.1.02.13c Completion Package
6. NEI 08-01, "Industry Guideline for the ITAAC Closure Process Under 10 CFR Part 52"