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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 2.3.29.03 [Index Number 490]

Ladies and Gentlemen:

Pursuant to 10 CFR 52.99(c)(3), Southern Nuclear Operating Company hereby notifies the NRC that as of July 20, 2017, Vogtle Electric Generating Plant (VEGP) Unit 3 and Unit 4 Uncompleted Inspection, Test, Analyses, and Acceptance Criteria (ITAAC) Item 2.3.29.03 [Index Number 490] has not been completed greater than 225-days prior to initial fuel load. The Enclosure describes the plan for completing ITAAC 2.3.29.03 [Index Number 490]. 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,

Michael J. Yox  
Regulatory Affairs Director Vogtle 3 & 4

U.S. Nuclear Regulatory Commission  
ND-17-1233  
Page 2 of 4

Enclosure: Vogtle Electric Generating Plant (VEGP) Unit 3 and Unit 4  
Completion Plan for Uncompleted ITAAC 2.3.29.03 [Index Number 490]

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**Southern Nuclear Operating Company  
ND-17-1233  
Enclosure**

**Vogtle Electric Generating Plant (VEGP) Unit 3 and Unit 4  
Completion Plan for Uncompleted ITAAC 2.3.29.03 [Index Number 490]**

## **ITAAC Statement**

### **Design Commitment**

3. The WRS collects chemical wastes from the auxiliary building chemical laboratory drains and the decontamination solution drains in the annex building and directs these wastes to the chemical waste tank of the liquid radwaste system.

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

A test is performed by pouring water into the auxiliary building chemical laboratory and the decontamination solution drains in the annex building.

### **Acceptance Criteria**

The water poured into these drains is collected in the chemical waste tank of the liquid radwaste system.

## **ITAAC Completion Description**

Testing is performed in accordance with Unit 3 and Unit 4 preoperational test procedures SV3-WRS-T1P-501 and SV4-WRS-T1P-501 (Reference 1 and 2, respectively) to verify that the radioactive waste drain system (WRS) collects chemical wastes from the auxiliary building chemical laboratory drains and the decontamination solution drains in the annex building and directs these wastes to the chemical waste tank of the liquid radwaste system (WLS).

Testing is performed by initially ensuring an adequate volume is available in the chemical waste tank to accept the water from the testing and installing drain plugs or covers, as appropriate, for all the affected drains. The cover for the drain to be tested is removed and water is poured into each of the drains in the auxiliary building chemical laboratory and the decontamination solution drains in the annex building, one drain at a time, while monitoring the chemical waste tank level of the WLS and verifying the tank level increases for each drain tested.

The completed Unit 3 and Unit 4 preoperational test results reports SV3-WRS-T2R-501 and SV4-WRS-T2R-501 (Reference 3 and 4, respectively) confirm that water poured into the auxiliary building chemical laboratory and the decontamination solution drains in the annex building is collected in the chemical waste tank of the WLS.

References 1 through 4 are available for NRC inspection as part of the ITAAC 2.3.29.03 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-WRS-T1P-501, "Radioactive Waste Drain System Preoperational Test Procedure"
2. SV4-WRS-T1P-501, "Radioactive Waste Drain System Preoperational Test Procedure"
3. SV3-WRS-T2R-501, "Radioactive Waste Drain System Preoperational Test Results Report"
4. SV4-WRS-T2R-501, "Radioactive Waste Drain System Preoperational Test Results Report"
5. ITAAC 2.3.29.03 Completion Package
6. NEI 08-01, "Industry Guideline for the ITAAC Closure Process Under 10 CFR Part 52"