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Docket No.: 52-025

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ND-16-2373  
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 2.2.02.07f.ii [Index Number 146]

Ladies and Gentlemen:

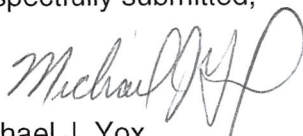
Pursuant to 10 CFR 52.99(c)(3), Southern Nuclear Operating Company hereby notifies the NRC that as of October 31, 2016, Vogtle Electric Generating Plant (VEGP) Unit 3 Uncompleted Inspection, Test, Analysis, and Acceptance Criteria (ITAAC) Item 2.2.02.07f.ii [Index Number 146] has not been completed greater than 225-days prior to initial fuel load. The Enclosure describes the plan for completing ITAAC 2.2.02.07f.ii [Index Number 146]. 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

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Enclosure: Vogtle Electric Generating Plant (VEGP) Unit 3  
Completion Plan for Uncompleted ITAAC 2.2.02.07f.ii [Index Number 146]

MJY/kms/amm

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**Southern Nuclear Operating Company  
ND-16-2373  
Enclosure**

**Vogtle Electric Generating Plant (VEGP) Unit 3  
Completion Plan for Uncompleted ITAAC 2.2.02.07f.ii [Index Number 146]**

**Subject: Uncompleted ITAAC 2.2.02.07f.ii [Index No. 146]**

### **ITAAC Statement**

#### **Design Commitment**

*7.f) The PCS provides a flow path for long-term water makeup from the PCCWST to the spent fuel pool.*

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

*ii) Inspection of the PCCWST will be performed.*

#### **Acceptance Criteria**

*ii) The volume of the PCCWST is greater than 756,700 gallons.*

### **ITAAC Completion Description**

Multiple ITAAC are performed to demonstrate that the Passive Containment Cooling System (PCS) provides a flow path for long-term water makeup from the Passive Containment Cooling Water Storage Tank (PCCWST) to the spent fuel pool. The subject ITAAC performs an inspection of the PCCWST to verify that the volume of the PCCWST is greater than 756,700 gallons.

VEGP 3&4 Updated Final Safety Analysis Report, Table 14.3-2, Design Basis Accident Analysis, (Reference 1) references the PCCWST capacity for the spent fuel pool long-term water makeup volume to VEGP 3&4 Updated Final Safety Analysis Report Table 6.2.2-1, Passive Containment Cooling System Performance Parameters, (Reference 2). References 1 and 2 identify that the PCCWST volume for the spent fuel pool long-term water makeup is a minimum of 756,700 gallons. The volume of the PCCWST providing a flow path for long-term water makeup is determined by the following method:

The dimensions of the PCCWST, below the PCCWST standpipe elevation which begins feeding the Fire Protection System (FPS), are measured and recorded following tank installation using survey equipment in accordance with site survey and measurement procedures. The PCCWST usable volume for the spent fuel pool long-term water makeup is calculated, using the survey measurements, and compared to the ITAAC acceptance criteria of greater than 756,700 gallons.

The inspection results of the PCCWST volume determination are documented in the Principal Closure Document XXX (Reference 3) supporting the ITAAC 2.2.02.07f.ii Completion Package (Reference 4) and determined that the spent fuel pool long-term water makeup volume of the PCCWST (Tag No. PCS-MT-01) is XXX,XXX gallons. This confirms that the volume of the PCCWST is greater than 756,700 gallons. The inspection results are available for NRC inspection as part of the ITAAC 2.2.02.07f.ii Completion Package.

### **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. VEGP 3&4 Updated Final Safety Analysis Report, Table 14.3-2, Design Basis Accident Analysis
2. VEGP 3&4 Updated Final Safety Analysis Report, Table 6.2.2-1, Passive Containment Cooling System Performance Parameters
3. Principal Closure Document XXX
4. ITAAC 2.2.02.07f.ii Completion Package
5. NEI 08-01, "Industry Guideline for the ITAAC Closure Process Under 10 CFR Part 52"