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U.S. Nuclear Regulatory Commission  
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Southern Nuclear Operating Company  
Vogtle Electric Generating Plant Unit 3  
ITAAC Closure Notification on Completion of ITAAC 2.3.09.03.iv [Index Number 426]

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 2.3.09.03.iv [Index Number 426] which confirms the as-built In-Containment Refueling Water Storage Tank (IRWST) vents are correctly oriented. The closure process for this ITAAC is based on the guidance described in Nuclear Energy Institute (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.

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 David Woods at 706-848-6903.

Respectfully submitted,

  
Michael J. Yox  
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Enclosure: Vogtle Electric Generating Plant (VEGP) Unit 3  
Completion of ITAAC 2.3.09.03.iv [Index Number 426]

MJY/RAS/amw

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**Southern Nuclear Operating Company  
ND-17-1564  
Enclosure**

**Vogtle Electric Generating Plant (VEGP) Unit 3  
Completion of ITAAC 2.3.09.03.iv [Index Number 426]**

## **ITAAC Statement**

### **Design Commitment:**

3. The VLS provides the nonsafety-related function to control the containment hydrogen concentration for beyond design basis accidents.

### **Inspections, Tests, Analyses:**

iv) An inspection will be performed of the as-built IRWST vents that are located in the roof of the IRWST along the side of the IRWST next to the containment shell.

### **Acceptance Criteria:**

iv) The discharge from each of these IRWST vents is oriented generally away from the containment shell.

## **ITAAC Determination Basis**

Multiple ITAAC are performed to demonstrate that the Hydrogen Control System (VLS) provides the nonsafety-related function to control the containment hydrogen concentration for beyond design basis accidents. This ITAAC requires an inspection to verify the discharge from each of the as-built In-Containment Refueling Water Storage Tank (IRWST) vents that are located in the roof of the IRWST along the side of the IRWST next to the containment shell is generally oriented away from the containment shell. Inspection of these U3 IRWST vents was performed.

Following installation of the IRWST modular wall (CA03) next to the containment shell, the IRWST vents that are integral to the roof of the IRWST in the modular wall were visually inspected to confirm that they were installed in accordance with approved drawings and that the discharge from each of these IRWST vents is generally oriented away from the containment shell.

The results were documented in the "Unit 3 Containment Hydrogen Control System (VLS) Inspection of IRWST Vents: ITAAC 2.3.09.03.iv NRC Number: 426" (Reference 1). The results demonstrated that the discharge from the installed IRWST vents that are located in the roof of the IRWST along the side of the IRWST next to the containment shell is generally oriented away from the containment shell and meet ITAAC 2.3.09.03.iv acceptance criteria.

## **ITAAC Finding Review**

In accordance with plant procedures for ITAAC completion, Southern Nuclear Operating Company (SNC) performed a review of all ITAAC findings pertaining to the subject ITAAC and associated corrective actions. This review found that there are no relevant ITAAC findings associated with this ITAAC. The ITAAC findings review document number is included in the Vogtle Unit 3 ITAAC Completion Package for ITAAC 2.3.09.03.iv (Reference 2) and available for NRC inspection.

**ITAAC Completion Statement**

Based on the above information, SNC hereby notifies the NRC that ITAAC 2.3.09.03.iv 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. SV3-VLS-ITR-800426 Rev.0, Unit 3 Containment Hydrogen Control System (VLS) Inspection of IRWST Vents: ITAAC 2.3.09.03.iv, NRC Number: 426
2. SVP\_SV0\_005012, Attachment 1, Submittal of Inspections, Tests, Analyses and Acceptance Criteria (ITAAC) Completion Package for Unit 3 ITAAC 2.3.09.03.iv [Index Number 426] (VLS As-Built IRWST Vent Orientation)