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Southern Nuclear Operating Company  
Vogtle Electric Generating Plant Unit 3  
ITAAC Closure Notification on Completion of ITAAC 2.3.10.03a [Index Number 433]

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 2.3.10.03a [Index Number 433] for verification that a report exists and concludes that the American Society of Mechanical Engineers (ASME) Boiler & Pressure Vessel Code Section III requirements are met for non-destructive examination of pressure boundary welds for the Liquid Radwaste System components identified in Combined License Appendix C, Table 2.3.10-1. The closure process for this ITAAC is based on 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.

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,

  
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MJY/RDH/amm

Enclosure: Vogtle Electric Generating Plant (VEGP) Unit 3  
Completion of ITAAC 2.3.10.03a [Index Number 433]

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**Southern Nuclear Operating Company  
ND-16-1922  
Enclosure**

**Vogtle Electric Generating Plant (VEGP) Unit 3  
Completion of ITAAC 2.3.10.03a [Index Number 433]**

### **ITAAC Statement**

#### **Design Commitment:**

- 3.a) Pressure boundary welds in components identified in Table 2.3.10-1 as ASME Code Section III meet ASME Code Section III requirements.

#### **Inspections, Tests, Analysis:**

Inspection of the as-built pressure boundary welds will be performed in accordance with the ASME Code Section III.

#### **Acceptance Criteria:**

A report exists and concludes that the ASME Code Section III requirements are met for non-destructive examination of pressure boundary welds.

### **ITAAC Determination Basis**

An inspection was performed to demonstrate that the pressure boundary welds for Liquid Radwaste System (WLS) components identified in Combined License (COL) Appendix C, Table 2.3.10-1 as American Society of Mechanical Engineers (ASME) Code Section III (Reference 1) meet ASME Code Section III requirements.

The Design Specification (Reference 2) for the components identified in COL Appendix C, Table 2.3.10-1 as ASME Section III components in Attachment A requires that the valve manufacturer provide maps showing where pressure boundary welding was performed.

An inspection was performed of the Quality Release and Certificate of Conformance packages (References 3 through 7) for each component, which contain assembly drawings that demonstrate these components contain no pressure boundary welds and no maps of pressure boundary welds.

### **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 completion review document number is included in the Vogtle Unit 3 ITAAC Completion Package for ITAAC 2.3.10.03a (Reference 8) and available for NRC inspection.

### **ITAAC Completion Statement**

Based on the above information, SNC hereby notifies the NRC that ITAAC 2.3.10.03a 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. American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code (BPVC) Section III requirements as described in VEGP 3&4 Updated Final Safety Analysis Report, Section 5.2.1, Compliance with Codes and Code Cases
2. APP-PV03-Z0-001, Rev. 9, "Design Specification for 3" and Larger Manually Operated Gate, Stop Check, and Check Valves, ASME Boiler and Pressure Vessel Code Section III Class 1, 2, and 3 for Various Systems"
3. SV3-PV03-VQQ-003, Rev. 1, "Quality Release and Certificate of Conformance"
4. SV3-PV03-VQQ-006, Rev. 1, "Gate and Check Valves"
5. SV3-PV03-VQQ-008, Rev. 2, "Gate and Check Valves"
6. SV3-PV03-VQQ-026, Rev. 0, "Quality Release & C of C – Gate Valve"
7. SV3-PV03-VQQ-035, Rev. 0, "Quality Release & C of C Check Valve"
8. SVP\_SV0\_004180, Attachment 1, "Submittal of Inspections, Test, Analyses and Acceptance Criteria (ITAAC) Completion Package for Unit 3 ITAAC 2.3.10.03a [COL Index Number 433] (WLS System Components ASME Code Section III Pressure Boundary Welds NDE)"

**Attachment A: Excerpt from Combined License Appendix C, Table 2.3.10-1**

<b>Equipment Name</b>	<b>Tag No.</b>	<b>ASME Code Section III</b>
WLS Drain from Passive Core Cooling System (PXS) Compartment A (Room 11206) Check Valve	WLS-PL-V071B	Yes
WLS Drain from PXS Compartment A (Room 11206) Check Valve	WLS-PL-V072B	Yes
WLS Drain from PXS Compartment B (Room 11207) Check Valve	WLS-PL-V071C	Yes
WLS Drain from PXS Compartment B (Room 11207) Check Valve	WLS-PL-V072C	Yes
WLS Drain from Chemical and Volume Control System (CVS) Compartment (Room 11209) Check Valve	WLS-PL-V071A	Yes
WLS Drain from CVS Compartment (Room 11209) Check Valve	WLS-PL-V072A	Yes