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10 CFR 52.99(c)(1)

Southern Nuclear Operating Company  
Vogtle Electric Generating Plant Unit 4  
ITAAC Closure Notification on Completion of ITAAC 2.7.01.02a [Index Number 678]

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 4 Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) Item 2.7.01.02a [Index Number 678] for verification that the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code (BPVC) Section III design reports exist for the as-built components identified in VEGP Unit 4 Combined License (COL) Appendix C, Table 2.7.1-1 as ASME Code Section III for the Nuclear Island Nonradioactive Ventilation System (VBS). 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,

  
Michael J. Yox  
Regulatory Affairs Director Vogtle 3&4

Enclosure: Vogtle Electric Generating Plant (VEGP) Unit 4  
Completion of ITAAC 2.7.01.02a [Index Number 678]

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**Southern Nuclear Operating Company  
ND-16-1833  
Enclosure**

**Vogtle Electric Generating Plant (VEGP) Unit 4  
Completion of ITAAC 2.7.01.02a [Index Number 678]**

### **ITAAC Statement**

#### **Design Commitment:**

- 2.a) The components identified in Table 2.7.1-1 as ASME Code Section III are designed and constructed in accordance with ASME Code Section III requirements.

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

Inspection will be conducted of the as-built components as documented in the ASME design reports.

#### **Acceptance Criteria:**

The ASME Code Section III design reports exist for the as-built components identified in Table 2.7.1-1 as ASME Code Section III.

### **ITAAC Determination Basis**

An inspection was conducted of the as-built components as documented in the American Society of Mechanical Engineers (ASME) design reports to demonstrate that the as-built components identified in VEGP Unit 4 Combined License (COL) Appendix C Table 2.7.1-1 (Attachment A) as ASME Code Section III are designed and constructed in accordance with ASME Code Section III requirements.

The ASME Code Design Report referenced in the design report compilation (References 2 through 7) documents the as-built components listed in Attachment A were designed and constructed in accordance with ASME Code Section III requirements. The Design Report and fabrication documents were inspected to confirm that the design report was in compliance with the design specification and ASME Code Section III. An inspection was performed at a location separate from the plant site in accordance with the provisions of the ASME Code Section III as described in NEI 08-01, Section 9.4 (Reference 8).

The ASME Section III Code Design Report for the as-built components identified in Attachment A exists and meets the ITAAC 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 completion review document number is included in the Vogtle Unit 4 ITAAC Completion Package for ITAAC 2.7.01.02a (Reference 9) and available for NRC inspection.

### **ITAAC Completion Statement**

Based on the above information, SNC hereby notifies the NRC that ITAAC 2.7.01.02a was performed for VEGP Unit 4 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. ASME Code Design Reports APP-PV11-VDR-145, Rev. 1, "Compilation of Design Reports for PV11 Data Sheet 145 and 245"
3. ASME Code Design Reports APP-PV11-VDR-140, Rev. 1, "Compilation of Design Reports for PV11 Data Sheet 140"
4. ASME Code Design Reports APP-PV02-VDR-128, Rev. 0, "Compilation of Design Reports for PV02 Data Sheets 128, 130 and 131"
5. ASME Code Design Reports APP-PV18-VDR-101, Rev. 0, "Compilation of Design Reports for PV18 Datasheet 101"
6. ASME Code Design Reports APP-PV11-VDR-119, Rev. 1, "Compilation of Design Reports for PV11 Data Sheet 119"
7. ASME Code Design Reports SV0-PV03-VDR-110, Rev. 1, "Compilation of Design and Seismic Analysis Report for PV03 Datasheet(s) 110 & 204"
8. NEI 08-01, Rev. 5 – Corrected, "Industry Guideline for the ITAAC Closure Process under 10 CFR Part 52"
9. SVP\_SV0\_004185, "Submittal of Inspections, Test, Analyses and Acceptance Criteria (ITAAC) Completion Package for Unit 4 ITAAC 2.7.01.02a [COL Index Number 678] (VBS System Components ASME Code Section III Design Reports)"

### Attachment A

SYSTEM: Nuclear Island Nonradioactive Ventilation System (VBS)

Excerpt from COL Appendix C Table 2.7.1-1\*

<b>Equipment Name*</b>	<b>Tag No.*</b>	<b>ASME Code* Section III Classification</b>	<b>Code Design Report</b>
MCR Supply Air Isolation Valve	VBS-PL-V186	Yes	APP-PV11-VDR-145
MCR Supply Air Isolation Valve	VBS-PL-V187	Yes	APP-PV11-VDR-145
MCR Return Air Isolation Valve	VBS-PL-V188	Yes	APP-PV11-VDR-145
MCR Return Air Isolation Valve	VBS-PL-V189	Yes	APP-PV11-VDR-145
MCR Exhaust Air Isolation Valve	VBS-PL-V190	Yes	APP-PV11-VDR-140
MCR Exhaust Air Isolation Valve	VBS-PL-V191	Yes	APP-PV11-VDR-140
PWS MCR Isolation Valve	PWS-PL-V418	Yes	APP-PV02-VDR-128
PWS MCR Isolation Valve	PWS-PL-V420	Yes	APP-PV02-VDR-128
PWS MCR Vacuum Relief	PWS-PL-V498	Yes	APP-PV18-VDR-101
MCR SDS (Vent) Isolation Valve	SDS-PL-V001	Yes	APP-PV11-VDR-119
MCR SDS (Vent) Isolation Valve	SDS-PL-V002	Yes	APP-PV11-VDR-119
MCR WWS Isolation Valve	WWS-PL-V506	Yes	SV0-PV03-VDR-110