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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 2.2.02.02a [Index Number 120]

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 2.2.02.02a [Index Number 120] 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 2.2.2-1 as ASME Code Section III for the Passive Containment Cooling System (PCS). 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

MJY/KJD/amm

Enclosure: Vogtle Electric Generating Plant (VEGP) Unit 4  
Completion of ITAAC 2.2.02.02a [Index Number 120]

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**Southern Nuclear Operating Company  
ND-16-2264  
Enclosure**

**Vogtle Electric Generating Plant (VEGP) Unit 4  
Completion of ITAAC 2.2.02.02a [Index Number 120]**

### **ITAAC Statement**

#### **Design Commitment:**

- 2.a) The components identified in Table 2.2.2-1 as ASME Code Section III are designed and constructed in accordance with ASME Code Section III requirements.

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

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

#### **Acceptance Criteria:**

The ASME Code Section III design report exists for the as-built components identified in Table 2.2.2-1 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 (equipment) identified in Combined License (COL) Appendix C, Table 2.2.2-1 (Attachment A) as ASME Code Section III (Reference 1) are designed and constructed in accordance with the ASME Code Section III requirements.

The ASME Code Design Reports referenced in the design report compilations (Reference 2 through 10) documents that the 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 11).

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 2.2.02.02a (Reference 12) and available for NRC inspection.

### **ITAAC Completion Statement**

Based on the above information, SNC hereby notifies the NRC that ITAAC 2.2.02.02a 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. (BPVC) Section III requirements as described in VEGP 3&4 Updated Final Safety Analysis Report American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, Section 5.2.1, Compliance with Codes and Code Cases
2. APP-PV11-VDR-131, Rev. 2, "Compilation of Design Reports for PV11 Data Sheet 131"
3. SV0-PV01-VDR-110, Rev. 0, "Compilation of Design Reports for PV01 Datasheet 110"
4. SV0-PV03-VDR-110, Rev. 1, "Compilation of Design Reports for PV03 Datasheet(s) 110 & 204"
5. SV0-PV03-VDR-101, Rev. 1, "Compilation of Design Reports for PV03 Datasheets 101 & 109"
6. SV0-PV03-VDR-111, Rev. 1, "Compilation of Design Reports for PV03 Datasheets 111 & 112"
7. APP-PV02-VDR-128, Rev. 0, "Compilation of Design Reports for PV02 Data Sheets 128, 130, and 131"
8. SV0-PV03-VDR-175, Rev. 0, "Compilation of Design Reports for PV03 Datasheet 175"
9. APP-PV02-VDR-134, Rev. 0, "Compilation of Design Reports for PV02 Data Sheets 134 and 135"
10. SV0-PV03-VDR-113, Rev. 1, "Compilation of Design Reports for PV03 Datasheet 113"
11. NEI 08-01, Rev. 5 – Corrected, "Industry Guideline for the ITAAC Closure Process under 10 CFR Part 52"
12. SVP\_SV0\_004238, Attachment 1, "Submittal of Inspections, Test, Analyses and Acceptance Criteria (ITAAC) Completion Package for Unit 4 ITAAC 2.2.02.02a [COL Index Number 120] (PCS System Components ASME Code Section III Design Reports)"

**Attachment A**

**SYSTEM: Passive Containment Cooling System (PCS)**

**Excerpt from Combined License Appendix C, Table 2.2.2-1\***

<b>Equipment Name*</b>	<b>Tag No.*</b>	<b>ASME Code Section III Classification*</b>	<b>ASME Code Design Report</b>
PCCWST Isolation Valve	PCS-PL-V001A	Yes	APP-PV11-VDR-131
PCCWST Isolation Valve	PCS-PL-V001B	Yes	
PCCWST Isolation Valve	PCS-PL-V001C	Yes	SV0-PV01-VDR-110
PCCWST Isolation Block MOV	PCS-PL-V002A	Yes	
PCCWST Isolation Block MOV	PCS-PL-V002B	Yes	
PCCWST Isolation Block MOV	PCS-PL-V002C	Yes	
PCS Recirculation Return Isolation Valve	PCS-PL-V023	Yes	SV0-PV03-VDR-110
PCCWST Supply to Fire Protection System Isolation Valve	PCS-PL-V005	Yes	SV0-PV03-VDR-101
PCS Makeup to SFS Isolation Valve	PCS-PL-V009	Yes	SV0-PV03-VDR-111
Water Makeup Isolation Valve	PCS-PL-V044	Yes	SV0-PV03-VDR-101
Water Bucket Makeup Line Drain Valve	PCS-PL-V015	Yes	APP-PV02-VDR-128
Water Bucket Makeup Line Isolation Valve	PCS-PL-V020	Yes	SV0-PV03-VDR-111
PCCWST Long-Term Makeup Line Check Valve	PCS-PL-V039	Yes	SV0-PV03-VDR-175
PCCWST Long-Term Makeup Drain Isolation	PCS-PL-V042	Yes	APP-PV02-VDR-128

**Attachment A**

**SYSTEM: Passive Containment Cooling System (PCS)**

**Excerpt from Combined License Appendix C, Table 2.2.2-1\***

<b>Equipment Name*</b>	<b>Tag No.*</b>	<b>ASME Code Section III Classification*</b>	<b>ASME Code Design Report</b>
PCS Discharge to SFS Pool Isolation Valve	PCS-PL-V045	Yes	APP-PV02-VDR-134
Recirc Header Discharge to PCCWST Isolation Valve	PCS-PL-V046	Yes	SV0-PV03-VDR-113
PCCWST Drain Isolation Valve	PCS-PL-V049	Yes	APP-PV02-VDR-128
Recirc Header Discharge to SFS Pool Isolation Valve	PCS-PL-V050	Yes	APP-PV02-VDR-134
PCCWST Discharge to SFS Pool Isolation Valve	PCS-PL-V051	Yes	