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10 CFR 52.99(c)(1)

Southern Nuclear Operating Company  
Vogtle Electric Generating Plant Unit 3  
ITAAC Closure Notification on Completion of ITAAC 2.2.02.04a [Index Number 124]

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 2.2.02.04a [Index Number 124] for verification that a report exists and concludes that the results of the hydrostatic test of the components identified in the Combined License (COL) Appendix C, Table 2.2.2-1 as American Society of Mechanical Engineers (ASME) Code Section III conform with the requirements of the 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,

  
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Regulatory Affairs Director Vogtle 3&4

MJY/RDH/amm

Enclosure: Vogtle Electric Generating Plant (VEGP) Unit 3  
Completion of ITAAC 2.2.02.04a [Index Number 124]

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**Southern Nuclear Operating Company  
ND-16-2227  
Enclosure**

**Vogtle Electric Generating Plant (VEGP) Unit 3  
Completion of ITAAC 2.2.02.04a [Index Number 124]**

### **ITAAC Statement**

#### **Design Commitment:**

4.a) The components identified in Table 2.2.2-1 as ASME Code Section III retain their pressure boundary integrity at their design pressure.

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

A hydrostatic test will be performed on the components required by the ASME Code Section III to be hydrostatically tested.

#### **Acceptance Criteria:**

A report exists and concludes that the results of the hydrostatic test of the components identified in Table 2.2.2-1 as ASME Code Section III conform with the requirements of the ASME Code Section III.

### **ITAAC Determination Basis**

Hydrostatic tests were performed to demonstrate that the Passive Containment Cooling System (PCS) components identified in VEGP Unit 3 Combined License (COL) Appendix C, Table 2.2.2-1 (Attachment A) as ASME Code Section III retain their pressure boundary integrity at their design pressure.

The Design Specifications (References 2 through 5) require that the valve manufacturer perform hydrostatic testing of each component in accordance with the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code (BPVC) Section III requirements (Reference 1). The results were documented in hydrostatic test reports and included in component Code Data Reports. The component Code Data Reports are included in each applicable Quality Data Package (References 6 through 19).

The Code Data Reports for each component listed in Attachment A exist and certify that the hydrostatic test results conform to the rules for construction of the ASME Code Section III and meet 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 3 ITAAC Completion Package for ITAAC 2.2.02.04a (Reference 20) and available for NRC inspection.

### **ITAAC Completion Statement**

Based on the above information, SNC hereby notifies the NRC that ITAAC 2.2.02.04a 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-PV01-Z0-001, Rev. 9, "3" and Larger Motor Operated Gate and Globe Valves, ASME Boiler and Pressure Vessel Code Section III, Class 1, 2, and 3"
3. APP-PV02-Z0-001, Rev. 13, "2" and Smaller Manually Operated Globe and Check Valves, ASME Boiler and Pressure Vessel Code, Section III, Class 1, 2, and 3"
4. 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"
5. APP-PV11-Z0-001, Rev. 10, "Design Specification for Butterfly Valves, ASME Boiler and Pressure Vessel Code Section III, Class 2 and 3"
6. SV3-PV01-VQQ-021, Rev. 0, "Quality Release & C of C – Gate Valve"
7. SV3-PV02-VQQ-004, Rev. 2, "Quality Release and Certificate of Conformance"
8. SV3-PV02-VQQ-010, Rev. 1, "Quality Release and Certificate of Conformance"
9. SV3-PV02-VQQ-015, Rev. 0, "Quality Release and Certificate of Conformance"
10. SV3-PV03-VQQ-003, Rev. 1, "Quality Release and Certificate of Conformance"
11. SV3-PV03-VQQ-005, Rev. 1, "Quality Release and Certificate of Conformance"
12. SV3-PV03-VQQ-006, Rev. 1, "Gate and Check Valves"
13. SV3-PV03-VQQ-008, Rev. 2, "Gate and Check Valves"
14. SV3-PV03-VQQ-011, Rev. 1, "Gate and Check Valves"
15. SV3-PV03-VQQ-026, Rev. 0, "Quality Release & C of C – Gate Valve"

16. SV3-PV03-VQQ-034, Rev. 0, "Quality Release & C of C – PV03 Gate Valve"
17. SV3-PV03-VQQ-035, Rev. 0, "Quality Release & C of C – Check Valve"
18. SV3-PV11-VQQ-006, Rev. 3, "PV11 QA Data Package"
19. SV3-PV11-VQQ-007, Rev. 2, "PV11 Butterfly QR & C of C"
20. SVP\_SV0\_004239, Attachment 1, Submittal of Inspections, Test, Analyses and Acceptance Criteria (ITAAC) Completion Package for Unit 3 ITAAC 2.2.02.04a [COL Index Number 124] (PCS System Components ASME Code Section III Hydrostatic Test)

**Attachment A: 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>Quality Release and Certificate of Conformance</b>
PCCWST Isolation Valve	PCS-PL-V001A	Yes	SV3-PV11-VQQ-006
PCCWST Isolation Valve	PCS-PL-V001B	Yes	SV3-PV11-VQQ-007
PCCWST Isolation Valve	PCS-PL-V001C	Yes	SV3-PV01-VQQ-021
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	SV3-PV03-VQQ-011
PCCWST Supply to Fire Protection System Isolation Valve	PCS-PL-V005	Yes	SV3-PV03-VQQ-005
PCS Makeup to SFS Isolation Valve	PCS-PL-V009	Yes	SV3-PV03-VQQ-006 SV3-PV03-VQQ-034
Water Makeup Isolation Valve	PCS-PL-V044	Yes	SV3-PV03-VQQ-005
Water Bucket Makeup Line Drain Valve	PCS-PL-V015	Yes	SV3-PV02-VQQ-004 SV3-PV02-VQQ-010 SV3-PV02-VQQ-015
Water Bucket Makeup Line Isolation Valve	PCS-PL-V020	Yes	SV3-PV03-VQQ-006 SV3-PV03-VQQ-034
PCCWST Long-Term Makeup Line Check Valve	PCS-PL-V039	Yes	SV3-PV03-VQQ-003 SV3-PV03-VQQ-006 SV3-PV03-VQQ-008 SV3-PV03-VQQ-026 SV3-PV03-VQQ-035
PCCWST Long-Term Makeup Drain Isolation	PCS-PL-V042	Yes	SV3-PV02-VQQ-004 SV3-PV02-VQQ-010 SV3-PV02-VQQ-015
PCS Discharge to SFS Pool Isolation Valve	PCS-PL-V045	Yes	SV3-PV02-VQQ-010
Recirc Header Discharge to PCCWST Isolation Valve	PCS-PL-V046	Yes	SV3-PV03-VQQ-011
PCCWST Drain Isolation Valve	PCS-PL-V049	Yes	SV3-PV02-VQQ-004 SV3-PV02-VQQ-010 SV3-PV02-VQQ-015
Recirc Header Discharge to SFS Pool Isolation Valve	PCS-PL-V050	Yes	SV3-PV02-VQQ-004 SV3-PV02-VQQ-010
PCCWST Discharge to SFS Pool Isolation Valve	PCS-PL-V051	Yes	