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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 2.2.02.03a [Index Number 122]

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 2.2.02.03a [Index Number 122] 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 Passive Containment Cooling System components identified in Combined License Appendix C, Table 2.2.2-1. 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,


Michael J. Yox
Regulatory Affairs Director Vogtle 3&4

MJY/KJD/amm

Enclosure: Vogtle Electric Generating Plant (VEGP) Unit 3
Completion of ITAAC 2.2.02.03a [Index Number 122]

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**Southern Nuclear Operating Company
ND-16-2230
Enclosure**

**Vogtle Electric Generating Plant (VEGP) Unit 3
Completion of ITAAC 2.2.02.03a [Index Number 122]**

ITAAC Statement

Design Commitment:

- 3.a) Pressure boundary welds in components identified in Table 2.2.2-1 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 the Passive Containment Cooling System (PCS) components identified in Combined License (COL) Appendix C, Table 2.2.2-1 as American Society of Mechanical Engineers (ASME) Code Section III (Reference 1) meet ASME Code Section III requirements.

The Design Specification (References 2 through 5) for the components identified in COL Appendix C, Table 2.2.2-1 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 6 through 19) 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 2.2.02.03a (Reference 20) and available for NRC inspection.

ITAAC Completion Statement

Based on the above information, SNC hereby notifies the NRC that ITAAC 2.2.02.03a 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-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_004224, Attachment 1, "Submittal of Inspections, Test, Analyses and Acceptance Criteria (ITAAC) Completion Package for Unit 3 ITAAC 2.2.02.03a [COL Index Number 122] (PCS System Components ASME Code Section III Pressure Boundary Welds NDE)"

Attachment A			
Excerpt from Combined License Appendix C, Table 2.2.2-1*			
Equipment Name*	Tag No.*	ASME Code Section III *	Quality Release and Certificate of Conformance
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

Attachment A

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

Equipment Name*	Tag No.*	ASME Code Section III *	Quality Release and Certificate of Conformance
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	