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U.S. Nuclear Regulatory Commission
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Southern Nuclear Operating Company
Vogtle Electric Generating Plant Unit 4
ITAAC Closure Notification on Completion of ITAAC 2.3.07.02a [Index Number 392]

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 2.3.07.02a [Index Number 392] 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 2.3.7-1 as ASME Code Section III for the Spent Fuel Pool Cooling System (SFS). 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 2.3.07.02a [Index Number 392]

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**Southern Nuclear Operating Company
ND-16-1965
Enclosure**

**Vogtle Electric Generating Plant (VEGP) Unit 4
Completion of ITAAC 2.3.07.02a [Index Number 392]**

ITAAC Statement

Design Commitment:

- 2.a) The components identified in Table 2.3.7-1 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 reports exist for the as-built components identified in Table 2.3.7-1 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 2.3.7-1 (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 (References 2-12) document that the components listed in Attachment A were designed and constructed in accordance with ASME Code Section III requirements. The Design Reports 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 13).

The ASME Section III Code Design Reports for the as-built components identified in Attachment A exist 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 4 ITAAC Completion Package for ITAAC 2.3.07.02a (Reference 14) and available for NRC inspection.

ITAAC Completion Statement

Based on the above information, SNC hereby notifies the NRC that ITAAC 2.3.07.02a 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. APP-PV10-VDR-101, Revision 0, "Compilation of Design Reports for PV10 Data Sheet 101"
3. APP-PV10-VDR-150, Revision 0, "Compilation of Design Reports for PV10 Data Sheet 150"
4. APP-PV10-VDR-151, Revision 0, "Compilation of Design Reports for PV10 Data Sheet 151"
5. APP-PV11-VDR-101, Revision 2, "Compilation of Design Reports for PV11 Data Sheet 101"
6. APP-PV11-VDR-102, Revision 4, "Compilation of Design Reports for PV11 Data Sheet 102"
7. APP-PV11-VDR-103, Revision 4, "Compilation of Design Reports for PV11 Data Sheet 103"
8. APP-PV11-VDR-104, Revision 4, "Compilation of Design Reports for PV11 Data Sheet 104"
9. APP-PV11-VDR-105, Revision 4, "Compilation of Design Reports for PV11 Data Sheet 105"
10. APP-PV11-VDR-106, Revision 4, "Compilation of Design Reports for PV11 Data Sheet 106"
11. APP-PV11-VDR-109, Revision 3, "Compilation of Design Reports for PV11 Data Sheet 109"
12. SV0-PV03-VDR-190, Revision 0, "Compilation of Design Reports for PV03 Datasheet 190"
13. NEI 08-01, Revision 5 – Corrected, "Industry Guideline for the ITAAC Closure Process under 10 CFR Part 52"
14. SVP_SV0_004177, Attachment 1, "Submittal of Inspections, Test, Analyses and Acceptance Criteria (ITAAC) Completion Package for Unit 4 ITAAC 2.3.07.02a [COL Index Number 392] (SFS System Components ASME Code Section III Design Reports)"

Attachment A

SYSTEM: Spent Fuel Pool Cooling System (SFS)

Excerpt from COL Appendix C Table 2.3.7-1*

Equipment Name*	Tag No.*	ASME Code* Section III Classification	Code Design Report
Refueling Cavity Drain to SGS Compartment Isolation Valve	SFS-PL-V031	Yes	APP-PV11-VDR-101
Refueling Cavity to SFS Pump Suction Isolation Valve	SFS-PL-V032	Yes	APP-PV11-VDR-102
Refueling Cavity Drain to Containment Sump Isolation Valve	SFS-PL-V033	Yes	APP-PV10-VDR-151
IRWST to SFS Pump Suction Line Isolation Valve	SFS-PL-V039	Yes	APP-PV11-VDR-102
Fuel Transfer Canal to SFS Pump Suction Iso. Valve	SFS-PL-V040	Yes	APP-PV11-VDR-106
Cask Loading Pit to SFS Pump Suction Isolation Valve	SFS-PL-V041	Yes	APP-PV11-VDR-102
Cask Loading Pit to SFS Pump Suction Isolation Valve	SFS-PL-V042	Yes	APP-PV11-VDR-103
SFS Pump Discharge Line to Cask Loading Pit Isolation Valve	SFS-PL-V045	Yes	APP-PV11-VDR-105
Cask Loading Pit to WLS Isolation Valve	SFS-PL-V049	Yes	APP-PV10-VDR-150
Spent Fuel Pool to Cask Washdown Pit Isolation Valve	SFS-PL-V066	Yes	APP-PV10-VDR-101
Cask Washdown Pit Drain Isolation Valve	SFS-PL-V068	Yes	APP-PV11-VDR-104
Refueling Cavity Drain Line Check Valve	SFS-PL-V071	Yes	SV0-PV03-VDR-190
Refueling Cavity Drain Line Check Valve	SFS-PL-V072	Yes	SV0-PV03-VDR-190
SFS Containment Floodup Isolation Valve	SFS-PL-V075	Yes	APP-PV11-VDR-109