

SEP 19 2017

Docket No.: 52-025

ND-17-1533
10 CFR 52.99(c)(1)U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555-0001Southern Nuclear Operating Company
Vogtle Electric Generating Plant Unit 3
ITAAC Closure Notification on Completion of ITAAC 2.2.04.08b.ii [Index Number 238]

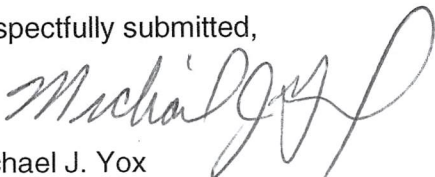
Ladies and Gentlemen:

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 2.2.04.08b.ii [Index Number 238] for verifying that a report exists to indicate the installed flow limiting orifice within the Steam Generator (SG) main steam line discharge nozzle does not exceed 1.4 square feet (sq. ft.). The closure process for this ITAAC is based on the guidance described in Nuclear Energy Institute (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 & 4Enclosure: Vogtle Electric Generating Plant (VEGP) Unit 3
Completion of ITAAC 2.2.04.08b.ii [Index Number 238]

MJY/RAS/amw

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10/10/17

Dear Sirs,
I am writing to you regarding the matter of the late Mr. [Name] who passed away on [Date].
I am the executor of his will and I am writing to you to inform you of the details of the will.
The will is dated [Date] and it provides for the distribution of the estate as follows:
[Detailed description of the will's provisions]

I am enclosing herewith a copy of the will for your information.
If you have any questions or require further information, please do not hesitate to contact me.
Yours faithfully,
[Signature]

WILLIAM [Name]
Solicitor

10/10/17

U.S. Nuclear Regulatory Commission

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To:

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**Southern Nuclear Operating Company
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Enclosure**

**Vogtle Electric Generating Plant (VEGP) Unit 3
Completion of ITAAC 2.2.04.08b.ii [Index Number 238]**

ITAAC Statement

Design Commitment:

- 8.b) During design basis events, the SGS limits steam generator blowdown and feedwater flow to the steam generator.

Inspections, Tests, Analyses:

- ii) Inspection will be performed for the existence of a report confirming that the area of the flow limiting orifice within the SG main steam outlet nozzle will limit releases to the containment.

Acceptance Criteria:

- ii) A report exists to indicate the installed flow limiting orifice within the SG main steam line discharge nozzle does not exceed 1.4 sq. ft.

ITAAC Determination Basis

Multiple ITAAC are performed to demonstrate that during design basis events, the Steam Generator System (SGS) limits Steam Generator (SG) blowdown and feedwater flow to the SG. This ITAAC requires an inspection to verify the existence of a report confirming that the area of the flow limiting orifice within the SG main steam outlet nozzle will limit releases to the containment. Inspections of each of the Vogtle Unit 3 SGs were conducted to verify that a report exists to indicate that the installed flow limiting orifice within the SG main steam line discharge nozzle does not exceed 1.4 square feet (sq. ft.).

Post installation dimensional inspections were performed to determine the diameters for both the Vogtle 3A SG and Vogtle 3B SG installed flow limiting orifices within the SG main steam outlet nozzle. Calculations were then performed using the measurements obtained during inspection to determine the total area of the flow limiting orifice for each SG. The measurements and calculations showed that the total area of the Vogtle 3A SG flow limiting orifice is 1.392 sq. ft. and the total area of the Vogtle 3B SG flow limiting orifice is 1.392 sq. ft.

The results were documented in the "Vogtle Unit 3 Steam Generator Flow Limiting Orifice Inspection Summary Report" (Reference 1). The results demonstrated that the installed flow limiting orifice for each Vogtle Unit 3 SG within the SG main steam line discharge nozzle does not exceed 1.4 sq. ft. and meets ITAAC 2.2.04.08b.ii 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 2.2.04.08b.ii (Reference 2) and available for NRC inspection.

ITAAC Completion Statement

Based on the above information, SNC hereby notifies the NRC that ITAAC 2.2.04.08b.ii 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. SV3-MB01-VFR-001, Rev. 0, Vogtle Unit 3 Steam Generator Flow Limiting Orifice Inspection Summary Report
2. SVP_SV0_005013, Attachment 1, Submittal of Inspections, Test, Analyses and Acceptance Criteria (ITAAC) Completion Package for Unit 3 ITAAC 2.2.04.08b.ii [Index Number 238] (SGS Main Steam Line Flow Limiting Orifice Area)