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Southern Nuclear Operating Company
Vogtle Electric Generating Plant Unit 4
ITAAC Closure Notification on Completion of ITAAC 2.1.02.12a.viii [Index Number 60]

Ladies and Gentlemen:

In accordance with 10 CFR 52.99(c)(1), 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 2.1.02.12a.viii [Index Number 60] for the verification that the Reactor Coolant System (RCS) automatic depressurization valves perform an active safety function to change position as indicated in the Combined License, Appendix C, Table 2.1.2-1. 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 4
Completion of ITAAC 2.1.02.12a.viii [Index Number 60]

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U.S. Nuclear Regulatory Commission
ND-16-2795 Enclosure
Page 1 of 3

**Southern Nuclear Operating Company
ND-16-2795
Enclosure**

**Vogtle Electric Generating Plant (VEGP) Unit 4
Completion of ITAAC 2.1.02.12a.viii [Index Number 60]**

ITAAC Statement

Design Commitment:

12.a) The automatic depressurization valves identified in Table 2.1.2-1 perform an active safety-related function to change position as indicated in the table.

Inspections, Tests, Analyses:

viii) See item 8.d.iii in this table.

Acceptance Criteria:

viii) See item 8.d.iii in this table.

ITAAC Determination Basis

This Inspection, Test, Analyses and Acceptance Criteria (ITAAC) Design Commitment is shown to be met by reference to ITAAC 2.1.02.08d.iii in Vogtle Unit 4 Combined License (COL) Appendix C, Table 2.1.2-4. The referenced Item 8d.iii of Table 2.1.2-4 calculated the as-manufactured flow area through each fourth stage Automatic Depressurization System (ADS) valve as 67.027 in², 67.056 in², 67.056 in², 67.056 in², which meets the ITAAC acceptance criteria of ≥ 67 in².

The ITAAC closure notification (ICN) letter (Reference 1) summarizes the methodology for conducting the Inspections, Tests, Analyses (ITA), and the results that demonstrate that the acceptance criteria were met. This ICN has been submitted to the NRC and the supporting ITAAC closure activities are complete.

The records (Tests, Reports, Completed Procedures, Completed Analyses, etc.) that form the ITAAC determination basis are referenced in the ICN for Item 8d.iii of Table 2.1.2-4.

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 2.1.02.12a.viii (Reference 2) and is available for NRC inspection.

ITAAC Completion Statement

Based on the above information, SNC hereby notifies the NRC that ITAAC 2.1.02.12a.viii was performed for Vogtle 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. ND-16-2323, "Southern Nuclear Operating Company Vogtle Electric Generating Plant Unit 4 ITAAC Closure Notification on Completion of ITAAC 2.1.02.08d.iii [Index Number 34]"
2. SVP_SV0_004326, Attachment 1, "Submittal of Inspections, Test, Analyses and Acceptance Criteria (ITAAC) Completion Package for Unit 4 ITAAC 2.1.02.12a.viii [COL Index Number 60] (RCS ADS Valves Stage 4_Flow Area_Reference)"