

July 6, 2023

Docket No.: 52-026

ND-23-0576
10 CFR 52.99(c)(1)

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555-0001

Southern Nuclear Operating Company
Vogtle Electric Generating Plant Unit 4
ITAAC Closure Notification on Completion of ITAAC 2.2.01.10c [Index Number 113]

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 2.2.01.10c [Index Number 113]. This ITAAC confirms that the remotely operated valves, identified in Combined License (COL) Appendix C Table 2.2.1-1 as having DAS control, perform the active function identified in Table 2.2.1-1 after receiving a signal from DAS. 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 Kelli Roberts at 706-848-6991.

Respectfully submitted,



Jamie M. Coleman
Regulatory Affairs Director Vogtle 3 & 4

Enclosure: Vogtle Electric Generating Plant (VEGP) Unit 4
Completion of ITAAC 2.2.01.10c [Index Number 113]

JMC/ALH/sfr

U.S. Nuclear Regulatory Commission

ND-23-0576

Page 2 of 2

cc: Regional Administrator, Region II
Director, Office of Nuclear Reactor Regulation (NRR)
Director, Vogtle Project Office NRR
Senior Resident Inspector – Vogtle 3 & 4

**Southern Nuclear Operating Company
ND-23-0576
Enclosure**

**Vogtle Electric Generating Plant (VEGP) Unit 4
Completion of ITAAC 2.2.01.10c [Index Number 113]**

ITAAC Statement

Design Commitment

10.c) The valves identified in Table 2.2.1-1 as having DAS control perform an active safety function after receiving a signal from DAS.

Inspections/Tests/Analyses

Testing will be performed on remotely operated valves listed in Table 2.2.1-1 using real or simulated signals into the DAS.

Acceptance Criteria

The remotely operated valves identified in Table 2.2.1-1 as having DAS control perform the active function identified in the table after receiving a signal from DAS.

ITAAC Determination Basis

Testing was performed as described in ITAAC Technical Report SV4-CNS-ITR-800113 (Reference 1) to verify that the remotely operated valves identified in Combined License (COL) Appendix C Table 2.2.1-1 (Attachment A) as having Diverse Actuation System (DAS) control perform an active safety function after receiving a signal from DAS. Testing was performed on the remotely operated valves identified in Attachment A using real signals into the DAS to verify they perform the active function identified in Attachment A after receiving a signal from DAS.

Reference 1 confirmed that the containment isolation valves with DAS control received a signal from DAS and performed the active function required. The valves were verified to be open, tested by manually actuating a Containment Isolation signal at the DAS panel in the Main Control Room (MCR), and verified to perform their active function (transfer closed) locally at each component. Reference 1 confirmed that the remotely operated valves identified in Attachment A as having DAS control perform the active function identified in Attachment A after receiving a signal from DAS.

Reference 1 is available for NRC inspection as part of the ITAAC 2.2.01.10c Completion Package (Reference 2).

ITAAC Finding Review

In accordance with plant procedures for ITAAC completion, Southern Nuclear Operating Company (SNC) performed a review of all findings pertaining to the subject ITAAC and associated corrective actions. This review found there were no relevant ITAAC findings associated with this ITAAC. The ITAAC completion review is documented in the ITAAC Completion Package for ITAAC 2.2.01.10c (Reference 2) and is available for NRC review.

ITAAC Completion Statement

Based on the above information, SNC hereby notifies the NRC that ITAAC 2.2.01.10c was performed for VEGP Unit 4 and that the prescribed acceptance criteria was 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. SV4-CNS-ITR-800113, Unit 4 Diverse Actuation System Control of Remotely Operated Containment System Isolation Valves: ITAAC 2.2.01.10c, Rev 0
2. 2.2.01.10c-U4-CP-Rev 0, ITAAC Completion Package

Attachment A
***Excerpt from COL Appendix C Table 2.2.1-1**

*Tag No.	*Equipment Name	*Active Function
VFS-PL-V003	Containment Purge Inlet Containment Isolation Valve - ORC	Transfer Closed
VFS-PL-V004	Containment Purge Inlet Containment Isolation Valve - IRC	Transfer Closed
VFS-PL-V009	Containment Purge Discharge Containment Isolation Valve - IRC	Transfer Closed
VFS-PL-V010	Containment Purge Discharge Containment Isolation Valve - ORC	Transfer Closed
WLS-PL-V055	Sump Discharge Containment Isolation Valve - IRC	Transfer Closed
WLS-PL-V057	Sump Discharge Containment Isolation Valve - ORC	Transfer Closed