

June 30, 2023

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ND-23-0558
10 CFR 52.99(c)(1)

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

Southern Nuclear Operating Company
Vogtle Electric Generating Plant Unit 4
ITAAC Closure Notification on Completion of ITAAC 2.2.03.11c.ii [Index Number 213]

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 2.2.03.11c.ii [Index Number 213]. This ITAAC confirms that the remotely operated valves other than squib valves, identified in Combined License (COL) Appendix C Table 2.2.3-1 as having Diverse Actuation System (DAS) control, perform the active function identified in Table 2.2.3-1 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 2.2.03.11c.ii [Index Number 213]

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U.S. Nuclear Regulatory Commission

ND-23-0558

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-23-0558
Enclosure**

**Vogtle Electric Generating Plant (VEGP) Unit 4
Completion of ITAAC 2.2.03.11c.ii [Index Number 213]**

ITAAC Statement

Design Commitment

11.c) The valves identified in Table 2.2.3-1 as having DAS control perform their active function after receiving a signal from the DAS.

Inspections/Tests/Analyses

ii) Testing will be performed on the remotely operated valves other than squib valves identified in Table 2.2.3-1 using real or simulated signals into the DAS.

Acceptance Criteria

ii) Remotely operated valves other than squib valves perform the active function identified in Table 2.2.3-1 after a signal is input to the DAS.

ITAAC Determination Basis

Multiple ITAAC are performed to verify that the valves identified in Combined License (COL) Appendix C Table 2.2.3-1 (Attachment A) as having Diverse Actuation System (DAS) control perform an active function after receiving a signal from DAS. The subject ITAAC performed testing on the remotely operated valves, other than squib valves, listed in Attachment A.

Testing was performed as described in ITAAC Technical Report SV4-PXS-ITR-800213 (Reference 1) to verify that the remotely operated valves identified in Attachment A as having DAS control perform an active function after receiving a signal from DAS. Testing was performed on the remotely operated valves using real signals into the DAS to verify they performed the active function identified in Attachment A after a signal was input to the DAS. The valves listed in Attachment A were placed into their initial position, the Main Control Room (MCR) DAS Panel manual actuations were enabled, and the appropriate DAS Manual Actuation Switch was actuated. Each valve was verified to transfer to the active position in the MCR and locally.

Reference 1 confirmed that each remotely operated valve that is DAS controlled, other than squib valves, performed the active function listed in Attachment A after a signal is input to the DAS.

Reference 1 is available for NRC inspection as part of the ITAAC 2.2.03.11c.ii 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 2.2.03.11c.ii (Reference 2) and is available for NRC review.

ITAAC Completion Statement

Based on the above information, SNC hereby notifies the NRC that ITAAC 2.2.03.11c.ii 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-PXS-ITR-800213 Unit 4 Diverse Actuation System Control of Remotely Operated Passive Core Cooling System Valves (Other than Squib Valves) ITAAC 2.2.03.11c.ii, Revision 0.
2. 2.2.03.11c.ii-U4-CP-Rev0, ITAAC Completion Package

Attachment A
***Excerpt from COL Appendix C Table 2.2.3-1**

*Equipment Name	*Tag No.	Initial Position	*Active Function
PRHR HX Control Valve	PXS-PL-V108A	Closed	Transfer Open
PRHR HX Control Valve	PXS-PL-V108B	Closed	Transfer Open
IRWST Gutter Isolation Valve	PXS-PL-V130A	Open	Transfer Closed
IRWST Gutter Isolation Valve	PXS-PL-V130B	Open	Transfer Closed
CMT A Discharge Isolation Valve	PXS-PL-V014A	Closed	Transfer Open
CMT B Discharge Isolation Valve	PXS-PL-V014B	Closed	Transfer Open
CMT A Discharge Isolation Valve	PXS-PL-V015A	Closed	Transfer Open
CMT B Discharge Isolation Valve	PXS-PL-V015B	Closed	Transfer Open