

June 30, 2023

Docket No.: 52-026

ND-23-0462
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 3.3.00.17 [Index Number 822]

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 3.3.00.17 [Index Number 822]. This ITAAC confirms that Vital Areas are locked and alarmed with active intrusion detection systems and intrusion is detected and annunciated in both the central and secondary alarm stations. 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 3.3.00.17 [Index Number 822]

JMC/SRV/sfr

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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-23-0462
Enclosure**

**Vogtle Electric Generating Plant (VEGP) Unit 4
Completion of ITAAC 3.3.00.17 [Index Number 822]**

ITAAC Statement

Design Commitment

17. Vital areas are locked and alarmed with active intrusion detection systems that annunciate in the central and secondary alarm stations upon intrusion into a vital area.

Inspections/Tests/Analyses

An inspection of the as-built vital areas, and central and secondary alarm stations are performed.

Acceptance Criteria

Vital areas are locked and alarmed with active intrusion detection systems and intrusion is detected and annunciated in both the central and secondary alarm stations.

ITAAC Determination Basis

An inspection of the as-built vital areas, and central and secondary alarm stations was performed to confirm the Vogtle Electric Generating Plant (VEGP) Unit 4 vital areas are locked and alarmed with active intrusion detection systems and intrusion is detected and annunciated in both the central alarm station (CAS) and secondary alarm station (SAS), and satisfy the applicable vital area access control requirements of the VEGP Units 1 - 4 Physical Security Plan associated with 10 CFR 73.55(e)(9)(iii). The VEGP Unit 4 Plant Security System ITAACs only cover the Unit 4 plant security system design commitment scope.

A walkdown inspection of the as-built vital area portals was performed as described in ITAAC Technical Report SV4-SES-ITR-800822 (Reference 1) and visually confirmed that each VEGP Unit 4 vital area portal has active intrusion detection equipment and locking devices installed per approved design specifications, and that the vital area portal is locked. The inspection then required observation that when each vital area portal intrusion device is activated (e.g., unlocking via key, latch or crash bar and opening the portal door, etc.) the intrusion detection device actuation was detected and alarmed in both the CAS and SAS. Lastly, the inspection confirmed that each CAS and SAS intrusion detection alarm reset once the associated portal door was closed and locked.

Reference 1 confirmed that each vital area portal has active intrusion detection equipment and locking devices installed per approved design specifications and that the vital area portal is locked, intrusion detection device activation is detected and annunciated in both CAS and SAS for each vital area portal intrusion detection device, and each CAS and SAS intrusion detection alarm resets once the associated portal door is closed and locked.

Reference 1 is available for NRC inspection as part of the Unit 4 ITAAC 3.3.00.17 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 3.3.00.17 (Reference 2) and is available for NRC review.

ITAAC Completion Statement

Based on the above information, SNC hereby notifies the NRC that ITAAC 3.3.00.17 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-SES-ITR-800822, Vital Area Portal Inspections, Rev 0 (Security Related Information)
2. 3.3.00.17-U4-CP-Rev0, ITAAC Completion Package