

June 13, 2023

Docket No.: 52-026

ND-23-0358
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 3.1.00.03 [Index Number 735]

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 3.1.00.03 [Index Number 735]. This ITAAC confirms that selected plant parameters listed in COL Appendix C, Table 2.5.4-1, can be retrieved in the Technical Support Center. 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 3.1.00.03 [Index Number 735]

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-23-0358
Enclosure**

**Vogtle Electric Generating Plant (VEGP) Unit 4
Completion of ITAAC 3.1.00.03 [Index Number 735]**

ITAAC Statement

Design Commitment

3. The plant parameters listed in Table 2.5.4-1, minimum inventory table, in subsection 2.5.4, DDS, with a "Yes" in the "Display" column, can be retrieved in the TSC.

Inspections/Tests/Analyses

An inspection will be performed for retrievability of the plant parameters in the TSC.

Acceptance Criteria

The plant parameters listed in Table 2.5.4-1, minimum inventory table, in subsection 2.5.4, DDS, with a "Yes" in the "Display" column, can be retrieved in the TSC.

ITAAC Determination Basis

An inspection was performed to verify the retrievability of the VEGP Unit 4 plant parameters in the Technical Support Center (TSC). The inspection for retrievability confirmed that the plant parameters listed in COL Appendix C Table 2.5.4-1, Minimum Inventory of Controls, Displays, and Alerts at the RSW, with a "Yes" in the "Display" column (Attachment A) can be retrieved in the TSC.

The inspection was performed as described in ITAAC Technical Report SV4-ERO-ITR-800735 (Reference 1), and visually confirmed that when each of the plant parameters identified in Attachment A was summoned at a workstation connected to the TSC Local Area Network (Enterprise Data System) the summoned plant parameter appeared on a display monitor at that TSC workstation.

The inspection results are documented in Reference 1 and confirmed that the VEGP Unit 4 plant parameters listed in Attachment A can be retrieved in the TSC.

Reference 1 is available for NRC Inspection as part of the Unit 4 ITAAC 3.1.00.03 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 3.1.00.03 (Reference 2) and is available for NRC review.

ITAAC Completion Statement

Based on the above information, SNC hereby notifies the NRC that ITAAC 3.1.00.03 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-ERO-ITR-800735, Unit 4 ITAAC 735 Displays: ITAAC 3.1.00.03, Rev 0
2. 3.1.00.03-U4-CP-Rev0, ITAAC Completion Package

Attachment A

Minimum Inventory of Controls, Displays, and Alerts at the RSW*

| Description * | Display * |
|---|-----------|
| Neutron Flux | Yes |
| Startup Rate | Yes |
| Reactor Coolant System (RCS) Pressure | Yes |
| Wide-range Hot Leg Temperature | Yes |
| Wide-range Cold Leg Temperature | Yes |
| RCS Cooldown Rate Compared to the Limit Based on RCS Pressure | Yes |
| Wide-range Cold Leg Temperature Compared to the Limit Based on RCS Pressure | Yes |
| Containment Water Level | Yes |
| Containment Pressure | Yes |
| Pressurizer Water Level | Yes |
| Pressurizer Water Level Trend | Yes |
| Pressurizer Reference Leg Temperature | Yes |
| Reactor Vessel-Hot Leg Water Level | Yes |
| Pressurizer Pressure | Yes |
| Core Exit Temperature | Yes |
| RCS Subcooling | Yes |
| RCS Cold Overpressure Limit | Yes |
| In-containment Refueling Water Storage Tank (IRWST) Water Level | Yes |
| Passive Residual Heat Removal (PRHR) Flow | Yes |
| PRHR HX Outlet Temperature | Yes |
| PRHR HX Inlet Isolation and Control Valve Status | Yes |
| Passive Containment Cooling System (PCS) Storage Tank Water Level | Yes |
| PCS Cooling Flow | Yes |
| IRWST to Normal Residual Heat Removal System (RNS) Suction Valve Status | Yes |
| Remotely Operated Containment Isolation Valve Status | Yes |
| Containment Area High-range Radiation Level | Yes |
| Containment Pressure (Extended Range) | Yes |
| Core Makeup Tank (CMT) Level | Yes |

* Excerpt from COL Table 2.5.4-1