



Michael J. Yox
Regulatory Affairs Director
Vogtle 3 & 4

7825 River Road
Waynesboro, GA 30830
706-848-6459 tel

JUN 24 2021

Docket No.: 52-025

ND-21-0575
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 3
ITAAC Closure Notification on Completion of ITAAC 2.7.03.03 [Index Number 710]

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 3 Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) Item 2.7.03.03 [Index Number 710]. This ITAAC confirms that Main Control Room (MCR) controls operate, and MCR displays are retrievable, for Annex/Auxiliary Building Nonradioactive Ventilation System Switchgear Room and Equipment Room fans. 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,

Michael J. Yox
Regulatory Affairs Director Vogtle 3 & 4

Enclosure: Vogtle Electric Generating Plant (VEGP) Unit 3
Completion of ITAAC 2.7.03.03 [Index Number 710]

MJY/RLB/sfr

To:

Southern Nuclear Operating Company/ Georgia Power Company

Mr. Peter P. Sena III
Mr. D. L. McKinney
Mr. M. D. Meier
Mr. G. Chick
Mr. S. Stimac
Mr. P. Martino
Mr. M. J. Yox
Mr. A. S. Parton
Ms. K. A. Roberts
Mr. C. T. Defnall
Mr. C. E. Morrow
Mr. J. M. Fisher
Mr. R. L. Beilke
Mr. S. Leighty
Ms. A. C. Chamberlain
Mr. J. C. Haswell
Document Services RTYPE: VND.LI.L06
File AR.01.02.06

cc:

Nuclear Regulatory Commission

Ms. M. Bailey
Mr. M. King
Mr. G. Bowman
Ms. A. Veil
Mr. C. P. Patel
Mr. G. J. Khouri
Mr. C. J. Even
Mr. B. J. Kemker
Ms. N. C. Coovert
Mr. C. Welch
Mr. J. Gaslevic
Mr. O. Lopez-Santiago
Mr. G. Armstrong
Mr. M. Webb
Mr. T. Fredette
Mr. C. Santos
Mr. B. Davis
Mr. J. Vasquez
Mr. J. Eargle
Mr. E. Davidson
Mr. T. Fanelli
Ms. K. McCurry
Mr. J. Parent
Mr. B. Griman

Oglethorpe Power Corporation

Mr. R. B. Brinkman
Mr. E. Rasmussen

Municipal Electric Authority of Georgia

Mr. J. E. Fuller
Mr. S. M. Jackson

Dalton Utilities

Mr. T. Bundros

Westinghouse Electric Company, LLC

Dr. L. Oriani
Mr. D. C. Durham
Mr. M. M. Corletti
Mr. Z. S. Harper
Mr. J. L. Coward

Other

Mr. S. W. Kline, *Bechtel Power Corporation*
Ms. L. Matis, *Tetra Tech NUS, Inc.*
Dr. W. R. Jacobs, Jr., Ph.D., *GDS Associates, Inc.*
Mr. S. Roetger, *Georgia Public Service Commission*
Mr. R. L. Trokey, *Georgia Public Service Commission*
Mr. K. C. Greene, *Troutman Sanders*
Mr. S. Blanton, *Balch Bingham*

**Southern Nuclear Operating Company
ND-21-0575
Enclosure**

**Vogtle Electric Generating Plant (VEGP) Unit 3
Completion of ITAAC 2.7.03.03 [Index Number 710]**

ITAAC Statement

Design Commitment

3. Controls exist in the MCR to cause the components identified in Table 2.7.3-1 to perform the listed function.
4. Displays of the parameters identified in Table 2.7.3-1 can be retrieved in the MCR.

Inspections, Tests, Analyses

Testing will be performed on the components in Table 2.7.3-1 using controls in the MCR.

Inspection will be performed for retrievability of the parameters in the MCR.

Acceptance Criteria

Controls in the MCR operate to cause the components listed in Table 2.7.3-1 to perform the listed functions.

The displays identified in Table 2.7.3-1 can be retrieved in the MCR.

ITAAC Determination Basis

Tests and inspections were performed to ensure controls exist in the Main Control Room (MCR) to cause the components identified in Combined License (COL) Table 2.7.3-1 (Attachment A) to perform the listed functions and to verify the displays of the parameters listed in Attachment A can be retrieved in the MCR.

Controls in the MCR operate to cause the components listed in Table 2.7.3-1 to perform the listed functions.

Testing was performed in accordance with Unit 3 Initial Test Program (ITP) Test Package Number SV3-ITAAC-ST-2.7.03.03, Work Order SNC922142, (Reference 1) to verify controls in the MCR operate to cause the components listed in COL Appendix C Table 2.7.3-1 (Attachment A) to perform the listed functions. At an MCR operator workstation, the Annex/Auxiliary Building Nonradioactive Ventilation System (VXS) Air Handling Units (AHUs) were started using Plant Control System (PLS) controls from the MCR. Inspection verified fan start status on the PLS monitor in the MCR and is documented in Test Package Number SV3-ITAAC-ST-2.7.03.03.

The Unit 3 test results, summarized in ITAAC Technical Report SV3-VXS-ITR-800710 (Reference 2), confirmed that controls in the MCR operate to cause the components listed in Table 2.7.3-1 to perform the listed functions.

The displays identified in Table 2.7.3-1 can be retrieved in the MCR.

The inspection was performed in accordance with the Unit 3 Initial Test Program (ITP) Test Package Number SV3-ITAAC-ST-2.7.03.03, Work Order SNC922142, (Reference 1) for VXS component indication verifications, and visually confirmed that when each of the displays of parameters identified in Attachment A was summoned at an MCR workstation, the summoned plant parameter appeared on a display monitor at that MCR workstation.

The Unit 3 test results, summarized in ITAAC Technical Report SV3-VXS-ITR-800710 (Reference 2), confirmed that the VEGP Unit 3 plant parameter displays identified in Attachment A can be retrieved in the MCR.

References 1 and 2 are available for NRC inspection as part of the Unit 3 ITAAC 2.7.03.03 Completion Package (Reference 3).

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 there are no relevant ITAAC findings associated with the ITAAC. The ITAAC completion review is documented in the ITAAC Completion Package for ITAAC 2.7.03.03 (Reference 3) and is available for NRC review.

ITAAC Completion Statement

Based on the above information, SNC hereby notifies the NRC that ITAAC 2.7.03.03 was performed for VEGP Unit 3 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. Test Package Number SV3-ITAAC-ST-2.7.03.03, Work Order SNC922142, Annex/Aux Building Nonradioactive Ventilation System Control and Indication Verifications – ITAAC: SV3-2.7.03.03 Items 3 and 4, Revision 0
2. ITAAC Technical Report SV3-VXS-ITR-800710, Unit 3 Annex/Aux Building Nonradioactive Ventilation System Control and Indication Verification Test: ITAAC 2.7.03.03, Revision 0
3. 2.7.03.03-U3-CP-Rev0, ITAAC Completion Package

Attachment A

COL Appendix C Table 2.7.3-1

Table 2.7.3-1			
Equipment Name	Tag No.	Display	Control Function
Switchgear Room Air Handling Units (AHU) A Fans	VXS-MA-05A VXS-MA-06A	Yes (Run Status)	Start
Switchgear Room AHU B Fans	VXS-MA-05B VXS-MA-06B	Yes (Run Status)	Start
Equipment Room AHU A Fans	VXS-MA-01A VXS-MA-02A	Yes (Run Status)	Start
Equipment Room AHU B Fans	VXS-MA-01B VXS-MA-02B	Yes (Run Status)	Start