Southern Nuclear

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Southern Nuclear Operating Company
Vogtle Electric Generating Plant Unit 3
ITAAC Closure Notification on Completion of ITAAC 2.3.19.02a [Index Number 486]

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 2.3.19.02a [Index Number 486]. This ITAAC confirms that the as-built Communication System (EFS) has handsets, amplifiers, loudspeakers, and siren tone generators connected as a telephone/page system, and that voice transmission and reception using the telephone/page equipment from the MCR can be accomplished. The ITAAC also confirms that the as-built EFS has sound-powered equipment connected as a system and that voice transmission and reception using the sound-powered equipment can be accomplished. 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 Coleman

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Regulatory Affairs Director Vogtle 3 & 4

Enclosure: Vogtle Electric Generating Plant (VEGP) Unit 3
Completion of ITAAC 2.3.19.02a [Index Number 486]

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Southern Nuclear Operating Company
ND-22-0291
Enclosure

Vogtle Electric Generating Plant (VEGP) Unit 3
Completion of ITAAC 2.3.19.02a [Index Number 486]

ITAAC Statement

Design Commitment

1.a) The EFS has handsets, amplifiers, loudspeakers, and siren tone generators connected as a telephone/page system.

1.b) The EFS has sound-powered equipment connected as a system.

2.a) The EFS telephone/page system provides intraplant, station-to-station communications and area broadcasting between the MCR and the locations listed in Table 2.3.19-1.

2.b) EFS provides sound-powered communications between the MCR, the RSW, the Division A, B, C, D dc equipment rooms (Rooms 12201/12203/12205/12207), the Division A, B, C, D I&C rooms (Rooms12301/12302/12304/12305), and the diesel generator building (Rooms 60310/60320) without external power.

Inspections/Tests/Analyses

Inspection of the as-built system will be performed.

Inspection of the as-built system will be performed.

An inspection and test will be performed on the telephone/page communication equipment.

An inspection and test will be performed of the sound-powered communication equipment.

Acceptance Criteria

The as-built EFS has handsets, amplifiers, loudspeakers, and siren tone generators connected as a telephone/page system.

The as-built EFS has sound-powered equipment connected as a system.

Telephone/page equipment is installed and voice transmission and reception from the MCR are accomplished.

Sound-powered equipment is installed and voice transmission and reception are accomplished.

ITAAC Determination Basis

This ITAAC was performed to verify, by inspection and testing, that the Communication System (EFS) is installed with handsets, amplifiers, loudspeakers, siren tone generators, and sound-powered equipment that is operating properly.

ITAAC 2.3.19.02a was completed as a combination of:

- Field inspections of the Plant Paging System (PPS)
- Field inspections of the Sound Powered Phones (SPP)
- Testing of the PPS with voice transmission and reception from the Main Control Room (MCR) and other required locations throughout the plant
- Testing of the SPP with transmission and reception between the MCR, Remote Shutdown Workstation (RSW) and other required locations throughout the plant

The inspections placed operators in the field at predetermined locations where PPS and SPP components are installed and verified that the necessary equipment is available. The MCR personnel initiated a communication test and each operator in the field verified the transmission from the MCR was received. The response back from the operator in the field to the MCR verified the reception by the MCR was received. The PPS equipment that must be verified is listed in Combined License (COL) Appendix C Table 2.3.19-1 (see Attachment A). The SSP equipment that must be verified is listed in COL Appendix C ITAAC No. 2.3.19.02a Item 2.b) (see Attachment B).

Additional tests verified that personnel in the field could hear a plant page, fire alarm, and warble alarm from the PPS with a response to the MCR from other locations verifying the PPS was operating properly for these functions.

Inspections and testing were performed as described in ITAAC Technical Report SV3-EFS-ITR-800486 (Reference 1). The results of the inspections and testing are also summarized in Reference 1.

The completed Unit 3 inspection and testing results summarized in Reference 1 confirmed the as-built EFS has handsets, amplifiers, loudspeakers, and siren tone generators connected as a telephone/page system, the as-built EFS has sound-powered equipment connected as a system, telephone/page equipment is installed and voice transmission and reception from the MCR are accomplished, and sound-powered equipment is installed and voice transmission and reception are accomplished.

Reference 1 is available for NRC inspection as part of the Unit 3 ITAAC 2.3.19.02a 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 2.3.19.02a (Reference 2) and is available for NRC review.

ITAAC Completion Statement

Based on the above information, SNC hereby notifies the NRC that ITAAC 2.3.19.02a was performed for VEGP Unit 3 and that the prescribed acceptance criteria were 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. SV3-EFS-ITR-800486, Unit 3 Sound Powered and Telephone/Page Communication System Inspection and Testing: ITAAC 2.3.19.02a, Revision 0
2. 2.3.19.02a-U3-CP-Rev 0, ITAAC Completion Package

Attachment A
*Excerpt from COL Appendix C Table 2.3.19-1

*Telephone/Page System Equipment	*Location
Fuel Handling Area	12562
Division A, B, C, D dc Equipment Rooms	12201/12203/12205/12207
Division A, B, C, D I&C Rooms	12301/12302/12304/12305
Maintenance Floor Staging Area	12351
Containment Maintenance Floor	11300
Containment Operating Deck	11500

Attachment B

Sound-Powered Phone System Equipment	Location
Main Control Room	12401
Remote Shutdown Workstation	12303
Division A, B, C, D dc Equipment Rooms	12201/12203/12205/12207
Division A, B, C, D I&C Rooms	12301/12302/12304/12305
Diesel Generator Building	60310/60320