Southern Nuclear

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Southern Nuclear Operating Company
Vogtle Electric Generating Plant Unit 4
ITAAC Closure Notification on Completion of ITAAC 2.1.02.13c [Index Number 65]

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 2.1.02.13c [Index Number 65]. This ITAAC confirms that the reactor coolant pumps trip after receiving a signal from the Diverse Actuation System (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,

Kelli Roberts for JMC

Jamie M. Coleman
Regulatory Affairs Director Vogtle 3 & 4

Enclosure: Vogtle Electric Generating Plant (VEGP) Unit 4
Completion of ITAAC 2.1.02.13c [Index Number 65]

JMC/DLW/sfr

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-23-0562
Enclosure

Vogtle Electric Generating Plant (VEGP) Unit 4
Completion of ITAAC 2.1.02.13c [Index Number 65]

ITAAC Statement

Design Commitment

13.c) The RCPs trip after receiving a signal from the DAS.

Inspections/Tests/Analyses

Testing will be performed using real or simulated signals into the DAS.

Acceptance Criteria

The RCPs trip after receiving a signal from the DAS.

ITAAC Determination Basis

Testing was performed as described in ITAAC Technical Report SV4-RCS-ITR-800065 (Reference 1) to verify that the Reactor Coolant Pumps (RCPs) trip after receiving a signal from the Diverse Actuation System (DAS). Real signals were provided into the DAS and the RCPs were confirmed to trip after a signal is received from the DAS.

Each RCP Variable Frequency Drive (VFD) feeder breaker was placed in the closed position and a manual Core Makeup Tank (CMT) actuation was initiated. The CMT actuation signal from the DAS caused the RCPs to trip when the RCP VFD feeder breakers opened. The RCP VFD feeder breakers were verified locally to be open. The Unit 4 test results documented in Reference 1 confirm that each RCP trips after receiving a signal from the DAS.

Reference 1 is available for NRC inspection as part of the ITAAC 2.1.02.13c 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 2.1.02.13c (Reference 2) and is available for NRC review.

ITAAC Completion Statement

Based on the above information, SNC hereby notifies the NRC that ITAAC 2.1.02.13c 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-RCS-ITR-800065, Unit 4 Testing Results for Reactor Coolant Pump Trip From DAS: ITAAC 2.1.02.13c, NRC Index Number: 65, Rev 0
2. 2.1.02.13c-U4-CP-Rev0, ITAAC Completion Package