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U.S. Nuclear Regulatory Commission  
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Southern Nuclear Operating Company  
Vogtle Electric Generating Plant Unit 3  
Completion of ITAAC 2.2 02.01

The purpose of this letter is to notify the Nuclear Regulatory Commission (NRC) of the Simulated completion of Vogtle Electric Generating Plant (VEGP) Unit 3, Inspection, Test, Analysis and Acceptance Criteria (ITAAC) Item 2.2 02.1 for verifying that the Passive Containment Cooling System (PCS) conforms with the functional arrangement as described in the Design Description in Section 2.2.2 of the AP1000 DCD in accordance with 10 CFR 52.99(c)(1). The closure process for this ITAAC is based on the guidance described in NEI 08-01 (Reference 1).

**ITAAC Statement**

**Design Commitment:**

*The functional arrangement of the PCS is as described in the Design Description of this Section 2.2.2.*

**Inspections, Tests, Analysis:**

*Inspection of the as-built system will be performed.*

**Acceptance Criteria:**

*The as-built PCS conforms to the functional arrangement as described in the Design Description of this Section 2.2.2.*

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### **ITAAC Determination Basis**

An inspection of the as-built PCS was conducted as part of the system turnover/walkdown between construction completion and pre-operational testing on the Passive Cooling System (PCS) to confirm that the functional arrangement of the PCS is as described in the Design Description of DCD Tier 1 Section 2.2.2.

The inspection (walkdown) was completed in accordance with Consortium Procedure APP-GW-GQP-XXX (Reference 3) which required the preparation of a detailed inspection plan. This plan included the use of detailed drawings to perform visual observations and compare the as-built system to the design description.

The inspection confirmed that the functional arrangement of the as-built PCS conforms to the Design Description of DCD Tier 1 Section 2.2.2, as documented in the PCS functional arrangement inspection report (Reference 4).

### **ITAAC-Related Construction Finding Review**

In accordance with procedures for ITAAC closure, Southern Nuclear performed a review of all ITAAC-related construction findings pertaining to the subject ITAAC. This review found that there was no relevant ITAAC-related construction findings associated with this ITAAC. The Completion Package (Reference 2) documents the closure for ITAAC 2.2 02.01 and is available for NRC inspection.

### **ITAAC Completion Statement**

Based on the above information for VEGP Unit 3, Southern Nuclear notifies the NRC that ITAAC 2.2 02.01 was performed and 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.

We request 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 Jim T. Davis at 706-826-5544.

Sincerely,



J. T. Davis  
Vogtle 3 & 4 Licensing Supervisor  
SNC Nuclear Development

JTD/faw

**References (available for NRC inspection)**

1. NEI 08-01, Industry Guideline for the ITAAC Closure Process Under 10 CFR Part 52.
2. ITAAC 2.2 02.01 Completion Package.
3. APP-GW-GQP-XXX, System Walkdown Inspection Procedure.
4. SV3-PCS-GQI-XXX, PCS Functional Arrangement Inspection Report.

SIMULATION

cc: Southern Nuclear Operating Company

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