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December 11, 2013

Docket No.: 52-025

ND-13-2406
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
Completion of ITAAC 3.3.00.09 [Index Number 814]

Ladies and Gentlemen:

In accordance with 10 CFR 52.99(c)(1), this letter is to notify the Nuclear Regulatory Commission (NRC) of the completion of Vogtle Electric Generating Plant (VEGP) Unit 3 Inspection, Test, Analysis and Acceptance Criteria (ITAAC) Item 3.3.00.09 [Index Number 814], Reactor Cavity Sump Concrete Thickness. The closure process for this ITAAC is based on the guidance described in 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. If there are any questions, please contact Paulo Albuquerque at 706-826-5531.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "C. Howard Mahan". The signature is written in a cursive, flowing style.

C. Howard Mahan

Site Licensing Manager

Enclosure: Vogtle Electric Generating Plant (VEGP) Unit 3
Completion of ITAAC 3.3.00.09 [Index Number 814]

cc:

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Document Services RTYPE: VND.LI.L06
File AR.01.02.06

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Southern Nuclear Operating Company

ND-13-2406

Enclosure

Vogtle Electric Generating Plant (VEGP) Unit 3

Completion of ITAAC 3.3.00.09 [Index Number 814]

ITAAC Statement

Design Commitment

The reactor cavity sump has a minimum concrete thickness as shown in Table 3.3-5 between the bottom of the sump and the steel containment.

Inspection/Test/Analysis

An inspection of the as-built containment building internal structures will be performed.

Acceptance Criteria

A report exists and concludes that the reactor cavity sump has a minimum concrete thickness as shown on Table 3.3-5 between the bottom of the sump and the steel containment.

ITAAC Determination Basis

An inspection of the as-built containment building internal structures was performed to demonstrate that the reactor cavity sump has a minimum concrete thickness as shown in VEGP Unit 3 Combined License, Appendix C, Table 3.3-5, Key Dimension "Distance from Bottom of Containment Sump to Top Surface of Embedded Containment Shell."

ITAAC Determination Report, SV3-1100-ITR-800000 (Reference 1), exists and concludes survey measurements confirm that the reactor cavity sump has a concrete thickness of 2' – 10 1/16" between the bottom of the sump and the steel containment.

These measurements confirm that the minimum concrete thickness complies with ITAAC requirements as shown in Table 3.3-5 (2'-8" with +/- 3" tolerance) between the bottom of the containment sump and the steel containment.

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 that there are no relevant ITAAC findings associated with this ITAAC. The ITAAC finding review is documented in the ITAAC Completion Package for VEGP Unit 3 ITAAC 3.3.00.09 (Reference 2) and is available for NRC inspection.

ITAAC Completion Statement

Based on the above information, SNC hereby notifies the NRC that ITAAC 3.3.00.09 [Index Number 814] was performed for VEGP Unit 3, 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.

SNC requests NRC staff confirmation of this determination and publication of the required notice in the Federal Register per 10 CFR 52.99.

References (available for NRC inspection)

1. ITAAC Determination Report, ITAAC Determination Report for Vogtle Unit 3 ITAAC 3.3.00.09, SV3-1100-ITR-800000, Revision 1
2. ITAAC 3.3.00.09 Unit 3 Completion Package, SVP_SV0_002198, Attachment 2