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U.S. Nuclear Regulatory Commission
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Southern Nuclear Operating Company
Vogtle Electric Generating Plant Unit 3
ITAAC Closure Notification on Completion of ITAAC 2.2.03.08b.02 [Index Number 176]

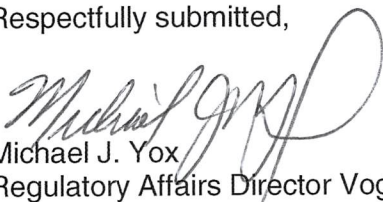
Ladies and Gentlemen:

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 2.2.03.08b.02 [Index Number 176] for verifying that the elevation of the centerline of the Passive Residual Heat Removal Heat Exchanger (PRHR HX) upper channel head is greater than the Hot Leg (HL) centerline by at least 26.3 ft. 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. 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 Tom Petrak at 706-848-1575.

Respectfully submitted,



Michael J. Yox
Regulatory Affairs Director Vogtle 3 & 4

Enclosure: Vogtle Electric Generating Plant (VEGP) Unit 3
Completion of ITAAC 2.2.03.08b.02 [Index Number 176]

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**Southern Nuclear Operating Company
ND-18-0585
Enclosure**

**Vogtle Electric Generating Plant (VEGP) Unit 3
Completion of ITAAC 2.2.03.08b.02 [Index Number 176]**

ITAAC Statement

Design Commitment:

8.b) The PXS provides core decay heat removal during design basis events.

Inspections, Tests, Analysis:

2. Inspection of the elevation of the PRHR HX will be conducted.

Acceptance Criteria:

2. The elevation of the centerline of the PRHR HX 's upper channel head is greater than the HL centerline by at least 26.3 ft.

ITAAC Determination Basis

Multiple ITAAC are performed to demonstrate that the Passive Core Cooling System (PXS) provides core decay heat removal during design basis events. The subject ITAAC requires that an inspection be conducted of the Passive Residual Heat Removal Heat Exchanger (PRHR HX) to confirm that the centerline elevation of the PRHR HX's upper channel head is greater than the Hot Leg (HL) centerline by at least 26.3 ft.

The inspection of the centerline elevation of the PRHR HX's upper channel head and the centerline elevation of the HL was performed, following installation of the PRHR HX and the main reactor coolant loop piping, using survey equipment in accordance with the site survey and measurement procedure (Reference 1). The elevation difference was determined by measuring the centerline elevation of the HL and the centerline elevation of the PRHR HX's upper channel head in relation to a common reference point, and comparing the results.

The inspection results documented in Reference 2, verify that the elevation of the centerline of the PRHR HX's upper channel head is 26.4 feet greater than the HL centerline, which meets the ITAAC acceptance criteria.

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 are no relevant ITAAC findings associated with this ITAAC. The ITAAC completion review is documented in the ITAAC Completion Package for ITAAC 2.2.03.08b.02 (Reference 3) and is available for NRC review.

ITAAC Completion Statement

Based on the above information, SNC hereby notifies the NRC that ITAAC 2.2.03.08b.02 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. 26139-000-4MP-T81C-N3201 Rev 1 "Vogtle Units 3 and 4 Construction Completion Project - Construction Survey"
2. SV3-PXS-MEK-891997 Rev 1, "As-Built Elevation Comparison of PRHR Heat Exchanger Upper Channel Head Centerline to RCS Hot Leg Centerline"
3. 2.2.03.08b.02-U3-CP-Rev 0, "Completion Package for the Unit 3 ITAAC 2.2.03.08b.02 [Index Number 176]"