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ND-19-0082
10 CFR 52.99(c)(3)

U.S. Nuclear Regulatory Commission
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Southern Nuclear Operating Company
Vogtle Electric Generating Plant Unit 3 and Unit 4
Notice of Uncompleted ITAAC 225-days Prior to Initial Fuel Load
Item 2.1.02.08b [Index Number 30]

Ladies and Gentlemen:

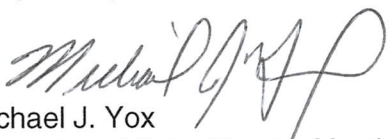
Pursuant to 10 CFR 52.99(c)(3), Southern Nuclear Operating Company hereby notifies the NRC that as of January 23, 2019 Vogtle Electric Generating Plant (VEGP) Unit 3 and Unit 4 Uncompleted Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) Item 2.1.02.08b [Index Number 30] has not been completed greater than 225-days prior to initial fuel load. The Enclosure describes the plan for completing this ITAAC. Southern Nuclear Operating Company will, at a later date, provide additional notifications for ITAAC that have not been completed 225-days prior to initial fuel load.

This notification is informed by 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. In accordance with NEI 08-01, this notification includes ITAAC for which required inspections, tests, or analyses have not been performed or have been only partially completed. All ITAAC will be fully completed and all Section 52.99(c)(1) ITAAC Closure Notifications will be submitted to NRC to support the Commission finding that all acceptance criteria are met prior to plant operation, as required by 10 CFR 52.103(g).

This letter contains no new NRC regulatory commitments.

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 and Unit 4
Completion Plan for Uncompleted ITAAC 2.1.02.08b [Index Number 30]

MJY/DLW/sfr

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**Southern Nuclear Operating Company
ND-19-0082
Enclosure**

**Vogtle Electric Generating Plant (VEGP) Unit 3 and Unit 4
Completion Plan for Uncompleted ITAAC 2.1.02.08b [Index Number 30]**

ITAAC Statement

Design Commitment:

8.b) The RCPs have a rotating inertia to provide RCS flow coastdown on loss of power to the pumps.

Inspection, Tests, Analyses:

A test will be performed to determine the pump flow coastdown curve.

Acceptance Criteria:

The pump flow coastdown will provide RCS flows greater than or equal to the flow shown in Figure 2.1.2-2, "Flow Transient for Four Cold Legs in Operation, Four Pumps Coasting Down."

ITAAC Completion Description

Testing is performed in accordance with Unit 3 and Unit 4 preoperational test procedures 3-RCS-ITPP-506 and 4-RCS-ITPP-506 (References 1 and 2) to confirm that the pump flow coastdown will provide Reactor Coolant System (RCS) flows greater than or equal to the flow shown in Figure 2.1.2-2, "Flow Transient for Four Cold Legs in Operation, Four Pumps Coasting Down."

The testing establishes the RCS at approximately 557 °F and 2240 psig with all 4 Reactor Coolant Pumps (RCPs) at 100% speed for a minimum of 12 hours to ensure thermal stability. Data acquisition recorders are started and utilized to monitor RCP breaker status and RCS flow data then all 4 RCPs are tripped simultaneously. Data is collected for 10 minutes after all 4 RCPs speed indicate 0 revolutions per minute. An evaluation is documented in references 1 and 2 and demonstrates that for Unit 3 and Unit 4 the pump flow coastdown will provide RCS flows greater than or equal to the flow shown in Figure 2.1.2-2, "Flow Transient for Four Cold Legs in Operation, Four Pumps Coasting Down."

References 1 and 2 are available for NRC inspection as part of Unit 3 and Unit 4 ITAAC 2.1.02.08b Completion Packages (Reference 3 and 4).

List of ITAAC Findings

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 there are no relevant ITAAC findings associated with this ITAAC.

References (available for NRC inspection)

1. 3-RCS-ITPP-506, "Reactor Coolant Pump and Reactor Coolant Flow Precore Hot Functional"
2. 4-RCS-ITPP-506, "Reactor Coolant Pump and Reactor Coolant Flow Precore Hot Functional"

3. 2.1.02.08b-U3-CP-Rev0, ITAAC Completion Package
4. 2.1.02.08b-U4-CP-Rev0, ITAAC Completion Package
5. NEI 08-01, "Industry Guideline for the ITAAC Closure Process Under 10 CFR Part 52"

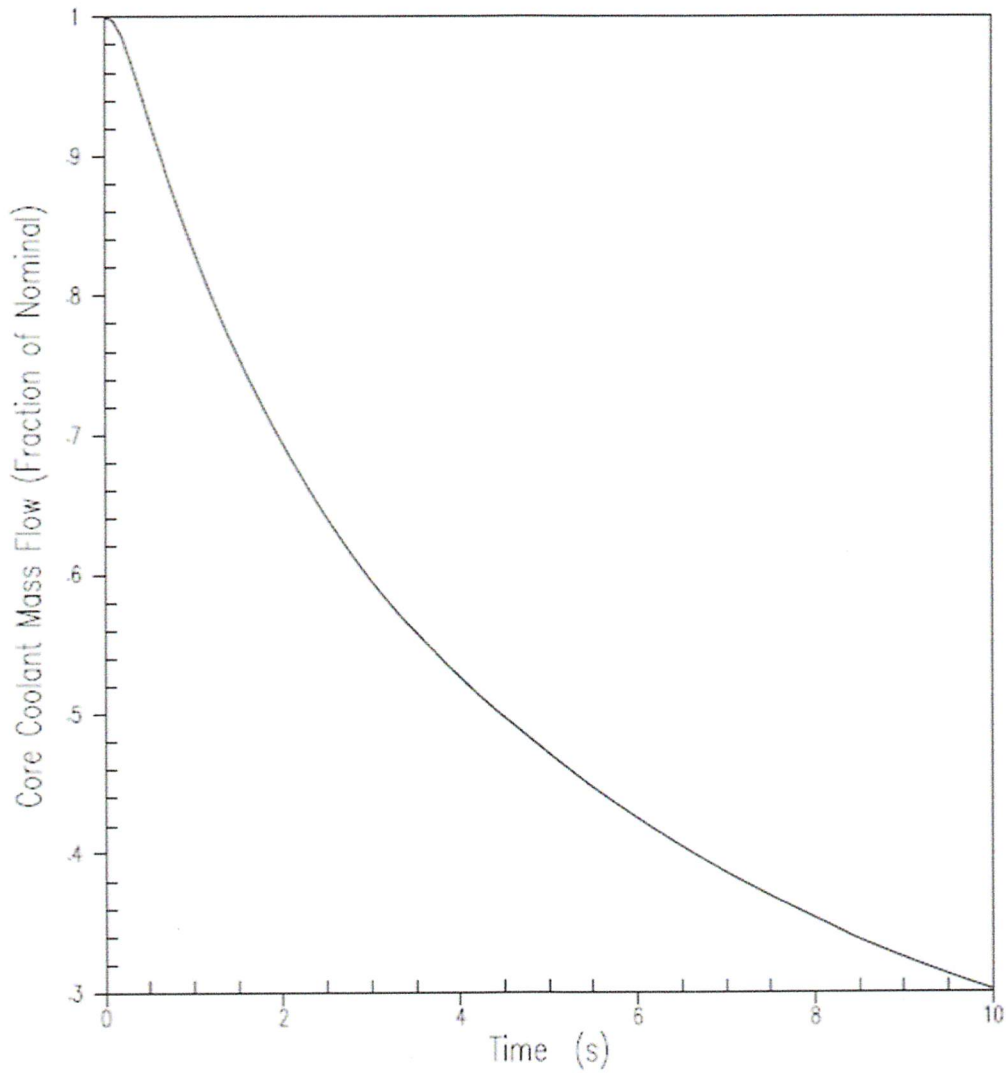


Figure 2.1.2-2
Flow Transient for Four Cold Legs
in Operation, Four Pumps Coasting Down