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Docket No.: 52-025

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ND-16-2106
10 CFR 52.99(c)(3)

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555-0001

Southern Nuclear Operating Company
Vogtle Electric Generating Plant Unit 3
Notice of Uncompleted ITAAC 225-days Prior to Initial Fuel Load
Item 3.5.00.05 [Index Number 830]

Ladies and Gentlemen:

Pursuant to 10 CFR 52.99(c)(3), Southern Nuclear Operating Company hereby notifies the NRC that as of October 14, 2016, Vogtle Electric Generating Plant (VEGP) Unit 3 Uncompleted Inspection, Test, Analysis, and Acceptance Criteria (ITAAC) Item 3.5.00.05 [Index Number 830] has not been completed greater than 225-days prior to initial fuel load. The Enclosure describes the plan for completing ITAAC 3.5.00.05 [Index Number 830]. 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 David Woods at 706-848-6903.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Michael J. Yox".

Michael J. Yox
Regulatory Affairs Director Vogtle 3&4

U.S. Nuclear Regulatory Commission

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Enclosure: Vogtle Electric Generating Plant (VEGP) Unit 3
Completion Plan for Uncompleted ITAAC 3.5.00.05 [Index Number 830]

MJY/kms/amm

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**Southern Nuclear Operating Company
ND-16-2106
Enclosure**

**Vogtle Electric Generating Plant (VEGP) Unit 3
Completion Plan for Uncompleted ITAAC 3.5.00.05 [Index Number 830]**

Subject: Uncompleted ITAAC 3.5.00.05 [Index No. 830]

ITAAC Statement

Design Commitment

5. *The process radiation monitors listed in Table 3.5-2 are provided.*

Inspections/Tests/Analyses

Inspection for the existence of the monitors will be performed.

Acceptance Criteria

Each of the monitors listed in Table 3.5-2 exists.

ITAAC Completion Description

Inspections for the existence of radiation monitors are performed to verify that the process radiation monitors listed in VEGP Unit 3 Combined License (COL) Appendix C Table 3.5-2 (Attachment A) are provided.

Walkdown inspections of the as-built process radiation monitors are conducted between construction and pre-operational testing to confirm that each of the monitors listed in VEGP Unit 3 COL Appendix C Table 3.5-2 exist in the component locations shown in VEGP Unit 3 COL Appendix C Table 3.5-7 (Attachment B). The inspections involve visual observations of the process radiation monitors and verification that the monitors are installed in their specified locations. The make/model and other nameplate data of the monitors is also inspected and compared to that specified in design documents to verify that the installed radiation monitors have the appropriate nominal detection ranges, as identified in VEGP 3&4 Updated Final Safety Analysis Report, Table 11.5-1, Radiation Monitor Detector Parameters (Reference 1), to provide indication of unusual radiological events.

The walkdown inspection results are documented in the Principal Closure Document XXX (Reference 2) supporting the ITAAC 3.5.00.05 Completion Package (Reference 3) and verify that the process radiation monitors listed in VEGP Unit 3 COL Appendix C Table 3.5-2 exist, and are located in the component locations shown in VEGP Unit 3 COL Appendix C Table 3.5-7.

Principal Closure Document XXX is available for NRC inspection as part of the ITAAC 3.5.00.05 Completion Package.

List of ITAAC Findings

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.

References (available for NRC inspection)

1. VEGP 3&4 Updated Final Safety Analysis Report, Table 11.5-1, Radiation Monitor Detector Parameters
2. Principal Closure Document XXX
3. ITAAC 3.5.00.05 Completion Package
4. NEI 08-01, "Industry Guideline for the ITAAC Closure Process Under 10 CFR Part 52"

Attachment A: COL Appendix C Table 3.5-2

Table 3.5-2 Process Radiation Monitors	
Equipment List	Equipment No.
Steam Generator Blowdown	BDS-RE010
Steam Generator Blowdown	BDS-RE011
Component Cooling Water	CCS-RE001
Main Steam Line ⁽¹⁾	SGS-RY026
Main Steam Line ⁽¹⁾	SGS-RY027
Service Water Blowdown	SWS-RE008
Primary Sampling System Liquid Sample	PSS-RE050
Primary Sampling System Gaseous Sample	PSS-RE052
Containment Air Filtration Exhaust	VFS-RE001
Gaseous Radwaste Discharge	WGS-RE017

Note:

- Each main steam line monitor includes a noble gas detector and primary-to-secondary side leak detector.

Attachment B: Excerpt from COL Appendix C Table 3.5-7

Component Name	Tag No.	Component Location
Steam Generator Blowdown Radiation Monitor	BDS-RE010	Turbine Building
Steam Generator Blowdown Radiation Monitor	BDS-RE011	Turbine Building
Component Cooling Water Radiation Monitor	CCS-RE001	Turbine Building
Main Steam Line Radiation Monitor	SGS-RY026	Auxiliary Building
Main Steam Line Radiation Monitor	SGS-RY027	Auxiliary Building
Service Water Blowdown Radiation Monitor	SWS-RE008	Turbine Building
Primary Sampling System Liquid Sample Radiation Monitor	PSS-RE050	Auxiliary Building
Primary Sampling System Gaseous Sample Radiation Monitor	PSS-RE052	Auxiliary Building
Containment Air Filtration Exhaust Radiation Monitor	VFS-RE001	Annex Building
Gaseous Radwaste Discharge Radiation Monitor	WGS-RE017	Auxiliary Building