

M. J. Yox
Regulatory Affairs Director
Vogtle 3&4
Nuclear Development

Southern Nuclear
Operating Company, Inc.
7825 River Road
Waynesboro, GA 30830

Tel 706.848.6459



Docket No.: 52-025

OCT 28 2016

ND-16-2171
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 2.3.06.05a.i [Index Number 361]

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 2.3.06.05a.i [Index Number 361] has not been completed greater than 225-days prior to initial fuel load. The Enclosure describes the plan for completing ITAAC 2.3.06.05a.i [Index Number 361]. 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,


Michael J. Yox
Regulatory Affairs Director Vogtle 3&4

U.S. Nuclear Regulatory Commission

ND-16-2171

Page 2 of 4

Enclosure: Vogtle Electric Generating Plant (VEGP) Unit 3
Completion Plan for Uncompleted ITAAC 2.3.06.05a.i [Index Number 361]

MJY/kms/amm

To:

Southern Nuclear Operating Company/Georgia Power Company

Mr. S. E. Kuczynski (w/o enclosures)

Mr. D. A. Bost (w/o enclosures)

Mr. M. D. Meier

Mr. M. D. Rauckhorst (w/o enclosures)

Mr. D. H. Jones (w/o enclosures)

Ms. K. D. Fili

Mr. D. L. McKinney

Mr. B. H. Whitley

Mr. D. L. Fulton

Mr. C. E. Morrow

Mr. M. J. Yox

Mr. D. Woods

Ms. A. L. Pugh

Ms. K. M. Stacy

Mr. A. S. Parton

Mr. W. A. Sparkman

Mr. J. P. Redd

Mr. D. R. Culver

Mr. F. H. Willis

Document Services RTYPE: VND.LI.L06

File AR.01.02.06

cc:

Nuclear Regulatory Commission

Ms. C. Haney (w/o enclosures)

Ms. A. Bradford (w/o enclosures)

Ms. J. L. Dixon-Herrity (w/o enclosures)

Ms. J. M. Heisserer

Mr. C. J. Even

Mr. C. P. Patel

Mr. B. M. Baval

Ms. R. C. Reyes

Ms. M. A. Sutton

Mr. M. E. Ernstes

Mr. G. J. Khouri

Mr. J. D. Fuller

Mr. T. E. Chandler

Ms. S. E. Temple

Ms. P. Braxton

Mr. T. C. Brimfield

Mr. A. J. Lerch

Oglethorpe Power Corporation

Mr. M. W. Price

Ms. K. T. Haynes

Ms. A. Whaley

Municipal Electric Authority of Georgia

Mr. J. E. Fuller
Mr. S. M. Jackson

Dalton Utilities

Mr. D. Cope

WECTEC

Mr. C. A. Castell

Westinghouse Electric Company, LLC

Mr. R. Easterling (w/o enclosures)
Mr. J. W. Crenshaw (w/o enclosures)
Mr. L. Woodcock (w/o enclosures)
Mr. C. F. Landon
Mr. A. F. Dohse
Mr. M. Y. Shaqqo
Ms. S. DiTommaso

Other

Mr. J. E. Hesler, *Bechtel Power Corporation*
Ms. L. Matis, *Tetra Tech NUS, Inc.*
Dr. W. R. Jacobs, Jr., *Ph.D., GDS Associates, Inc.*
Mr. S. Roetger, *Georgia Public Service Commission*
Ms. S. W. Kernizan, *Georgia Public Service Commission*
Mr. K. C. Greene, *Troutman Sanders*
Mr. S. Blanton, *Balch Bingham*

**Southern Nuclear Operating Company
ND-16-2171
Enclosure**

**Vogtle Electric Generating Plant (VEGP) Unit 3
Completion Plan for Uncompleted ITAAC 2.3.06.05a.i [Index Number 361]**

Subject: Uncompleted ITAAC 2.3.06.05a.i [Index No. 361]

ITAAC Statement

Design Commitment

5.a) The seismic Category I equipment identified in Table 2.3.6-1 can withstand seismic design basis loads without loss of safety function.

Inspections/Tests/Analyses

i) Inspection will be performed to verify that the seismic Category I equipment identified in Table 2.3.6-1 is located on the Nuclear Island.

Acceptance Criteria

i) The seismic Category I equipment identified in Table 2.3.6-1 is located on the Nuclear Island.

ITAAC Completion Description

Multiple ITAAC are performed to demonstrate that the seismic Category I equipment identified in VEGP Unit 3 Combined License (COL) Appendix C Table 2.3.6-1 (Attachment A) can withstand seismic design basis loads without loss of safety function. The subject ITAAC requires an inspection to verify that the seismic Category I equipment identified in Attachment A is located on the Nuclear Island, which is a Seismic Category I structure.

To assure that seismic Category I equipment can withstand seismic design basis loads without loss of safety function, all of the equipment in VEGP Unit 3 COL Appendix C Table 2.3.6-1 is designed to be located on the seismic Category I Nuclear Island. In accordance with Inspection Procedure XYZ (Reference 1), an inspection is conducted of the equipment identified in Attachment A to confirm the satisfactory installation of the seismically qualified equipment. The inspection includes verification of the equipment make/model/serial number and verification of the as-built equipment location (Building, Elevation, Room). The inspection of the equipment locations is documented in Inspection Reports (Reference 2).

Attachment A identifies the Inspection Reports which verify that the installed locations of the Seismic Category I equipment identified in VEGP Unit 3 COL Appendix C Table 2.3.6-1 are located on the Nuclear Island. The Inspection Reports are available for NRC inspection as part of the ITAAC Completion Package (Reference 3).

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. Inspection Procedure XYZ
2. Inspection Reports as identified in Attachment A
3. ITAAC 2.3.06.05a.i Completion Package
4. NEI 08-01, "Industry Guideline for the ITAAC Closure Process Under 10 CFR Part 52"

Attachment A: Excerpt from COL Appendix C Table 2.3.6-1

**ITAAC COMPLIANCE MATRIX FOR SEISMIC CATEGORY I EQUIPMENT
(NORMAL RESIDUAL HEAT REMOVAL SYSTEM)**

Equipment Name	Tag No.	Seismic Category I	Inspection Report
RNS Pump A (Pressure Boundary)	RNS-MP-01A	Yes	XXX
RNS Pump B (Pressure Boundary)	RNS-MP-01B	Yes	XXX
RNS Heat Exchanger A (Tube Side)	RNS-ME-01A	Yes	XXX
RNS Heat Exchanger B (Tube Side)	RNS-ME-01B	Yes	XXX
RCS Inner Hot Leg Suction Motor-operated Isolation Valve	RNS-PL-V001A	Yes	XXX
RCS Inner Hot Leg Suction Motor-operated Isolation Valve	RNS-PL-V001B	Yes	XXX
RCS Outer Hot Leg Suction Motor-operated Isolation Valve	RNS-PL-V002A	Yes	XXX
RCS Outer Hot Leg Suction Motor-operated Isolation Valve	RNS-PL-V002B	Yes	XXX
RCS Pressure Boundary Thermal Relief Check Valve	RNS-PL-V003A	Yes	XXX
RCS Pressure Boundary Thermal Relief Check Valve	RNS-PL-V003B	Yes	XXX
RNS Discharge Motor-operated Containment Isolation Valve	RNS-PL-V011	Yes	XXX
RNS Discharge Containment Isolation Test Connection	RNS-PL-V012	Yes	XXX
RNS Discharge Header Containment Isolation Check Valve	RNS-PL-V013	Yes	XXX
RNS Discharge RCS Pressure Boundary Check Valve	RNS-PL-V015A	Yes	XXX
RNS Discharge RCS Pressure Boundary Check Valve	RNS-PL-V015B	Yes	XXX
RNS Discharge RCS Pressure Boundary Check Valve	RNS-PL-V017A	Yes	XXX
RNS Discharge RCS Pressure Boundary Check Valve	RNS-PL-V017B	Yes	XXX
RNS Hot Leg Suction Pressure Relief Valve	RNS-PL-V021	Yes	XXX

Equipment Name	Tag No.	Seismic Category I	Inspection Report
RNS Suction Header Motor-operated Containment Isolation Valve	RNS-PL-V022	Yes	XXX
RNS Suction from IRWST Motor-operated Isolation Valve	RNS-PL-V023	Yes	XXX
RNS Discharge to IRWST Motor-operated Isolation Valve	RNS-PL-V024	Yes	XXX
RNS Pump Discharge Relief	RNS-PL-V045	Yes	XXX
RNS Suction from Cask Loading Pit Motor-operated Isolation Valve	RNS-PL-V055	Yes	XXX
RNS Suction from Cask Loading Pit Check Valve	RNS-PL-V056	Yes	XXX
RNS Pump Miniflow Air-Operated Isolation Valve	RNS-PL-V057A	Yes	XXX
RNS Pump Miniflow Air-Operated Isolation Valve	RNS-PL-V057B	Yes	XXX
RNS Return from Chemical and Volume Control System (CVS) Containment Isolation Valve	RNS-PL-V061	Yes	XXX