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U.S. Nuclear Regulatory Commission  
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Southern Nuclear Operating Company  
Vogtle Electric Generating Plant Unit 3  
Notice of Uncompleted ITAAC 225-days Prior to Initial Fuel Load  
Item 2.3.02.11a.ii [Index Number 310]

Ladies and Gentlemen:

Pursuant to 10 CFR 52.99(c)(3), Southern Nuclear Operating Company hereby notifies the NRC that as of November 4, 2016, Vogtle Electric Generating Plant (VEGP) Unit 3 Uncompleted Inspection, Test, Analysis, and Acceptance Criteria (ITAAC) Item 2.3.02.11a.ii [Index Number 310] has not been completed greater than 225-days prior to initial fuel load. The Enclosure describes the plan for completing ITAAC 2.3.02.11a.ii [Index Number 310]. 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

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Enclosure: Vogtle Electric Generating Plant (VEGP) Unit 3  
Completion Plan for Uncompleted ITAAC 2.3.02.11a.ii [Index Number 310]

MJY/kms/amm

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**Southern Nuclear Operating Company  
ND-16-2123  
Enclosure**

**Vogtle Electric Generating Plant (VEGP) Unit 3  
Completion Plan for Uncompleted ITAAC 2.3.02.11a.ii [Index Number 310]**

**Subject: Uncompleted ITAAC 2.3.02.11a.ii [Index No. 310]**

### **ITAAC Statement**

#### **Design Commitment**

*11.a) The motor-operated and check valves identified in Table 2.3.2-1 perform an active safety-related function to change position as indicated in the table.*

#### **Inspections/Tests/Analyses**

*ii) Inspection will be performed for the existence of a report verifying that the as-built motor-operated valves are bounded by the tested conditions.*

#### **Acceptance Criteria**

*ii) A report exists and concludes that the as-built motor-operated valves are bounded by the tests or type tests.*

### **ITAAC Completion Description**

Multiple ITAAC are performed to demonstrate that the motor-operated and check valves identified in VEGP Unit 3 Combined License (COL) Appendix C Table 2.3.2-1 perform an active safety-related function to change position as indicated in the table. The subject ITAAC requires that an inspection is performed for the existence of a report verifying that the as-built motor-operated valves are bounded by the tested conditions.

The motor-operated valves in VEGP Unit 3 COL Appendix C Table 2.3.2-1 (Attachment A) are verified by the tests or type tests in accordance with ITAAC 2.3.02.11a.i (Reference 1) to demonstrate the capability of the valves to operate under their design conditions. Equipment Qualification Data Packages (EQDP) and Equipment Qualification Summary Reports (EQSR) identify the equipment mounting employed for the testing and the specific conditions tested.

In accordance with Equipment Qualification (EQ) Walkdown Inspection Procedure XYZ (Reference 2) an inspection is conducted of the Chemical and Volume Control System (CVS) to confirm the satisfactory installation of the motor-operated valves. The inspection includes verification of equipment make/model/serial number, verification of equipment mounting and location, and verification that the mechanical and electrical connections are bounded by the tested conditions.

The documentation of installed configuration of the motor-operated valves includes photographs and/or sketches of equipment mounting and connections. The verification of installed component configuration is documented in the EQ As-Built Reconciliation Report(s) (Reference 3).

Attachment A identifies the EQ As-Built Reconciliation Report(s) which verify that the installed configuration of the motor-operated valves identified in VEGP Unit 3 COL Appendix C Table 2.3.2-1 is bounded by the tests or type tests. The EQ As-Built Reconciliation Report(s) are available for NRC inspection as part of the ITAAC Completion Package (Reference 4).

### **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. ND-XX-XXXX ITAAC Closure Notification on Completion of ITAAC 2.3.02.11a.i [Index No. 309]
2. EQ Walkdown Inspection Procedure XYZ
3. EQ As-Built Reconciliation Report(s) as identified in Attachment A
4. ITAAC 2.3.02.11a.ii Completion Package
5. NEI 08-01, "Industry Guideline for the ITAAC Closure Process Under 10 CFR Part 52"

**Attachment A: Excerpt from COL Appendix C Table 2.3.2-1**

**MOTOR-OPERATED VALVES  
(CHEMICAL AND VOLUME CONTROL SYSTEM)**

<b>Equipment Name</b>	<b>Tag No.</b>	<b>Active Function</b>	<b>EQ As-Built Reconciliation Report</b>
RCS Purification Motor operated Isolation Valve	CVS-PL-V001	Transfer Closed	XXX
RCS Purification Motor operated Isolation Valve	CVS-PL-V002	Transfer Closed	XXX
RCS Purification Motor operated Isolation Valve	CVS-PL-V003	Transfer Closed	XXX
CVS Makeup Line Containment Isolation Motor-operated Valve	CVS-PL-V090	Transfer Closed	XXX
CVS Makeup Line Containment Isolation Motor-operated Valve	CVS-PL-V091	Transfer Closed	XXX