

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



A SOUTHERN COMPANY

Docket No.: 52-025

**OCT 28 2016**

ND-16-2180  
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 2.2.02.08a [Index Number 147]

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 2.2.02.08a [Index Number 147] has not been completed greater than 225-days prior to initial fuel load. The Enclosure describes the plan for completing ITAAC 2.2.02.08a [Index Number 147]. 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 2.2.02.08a [Index Number 147]

MJY/kms/amm

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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

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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. Bovol

Ms. R. C. Reyes

Ms. M. A. Sutton

Mr. M. E. Ernestes

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-16-2180  
Enclosure**

**Vogtle Electric Generating Plant (VEGP) Unit 3  
Completion Plan for Uncompleted ITAAC 2.2.02.08a [Index Number 147]**

**Subject: Uncompleted ITAAC 2.2.02.08a [Index No. 147]**

## **ITAAC Statement**

### **Design Commitment**

*8.a) The PCCAWST contains an inventory of cooling water sufficient for PCS containment cooling from hour 72 through day 7.*

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

*Inspection of the PCCAWST will be performed.*

### **Acceptance Criteria**

*The volume of the PCCAWST is greater than 780,000 gallons.*

## **ITAAC Completion Description**

An inspection is performed to demonstrate that the Passive Containment Cooling Ancillary Water Storage Tank (PCCAWST) contains an inventory of cooling water sufficient for Passive Containment Cooling System (PCS) containment cooling from hour 72 through day 7 by confirming the volume of the PCCAWST is greater than 780,000 gallons.

VEGP 3&4 Updated Final Safety Analysis Report, Table 6.2.2-2, Component Data Passive Containment Cooling System (Nominal) (Reference 1) identifies that the nominal volume of the PCCAWST is 780,000 gallons. The nominal volume of the PCCAWST is determined by the following method:

The dimensions of the PCCAWST are measured and recorded following tank installation using survey equipment in accordance with approved survey procedures. The PCCAWST nominal volume is calculated, using the survey measurements, and compared to the volume acceptance criteria of greater than 780,000 gallons.

The inspection results of the PCCAWST volume determination are documented in the Principal Closure Document XXX (Reference 2) supporting the ITAAC 2.2.02.08a Completion Package (Reference 3). The calculated nominal volume of the PCCAWST (Tag No. PCS-MT-05) is XXX,XXX gallons. This confirms that the volume of the PCCAWST is greater than 780,000 gallons. Principal Closure Document XXX is available for NRC inspection as part of the ITAAC 2.2.02.08a 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 6.2.2-2, Component Data Passive Containment Cooling System (Nominal)
2. Principal Closure Document XXX
3. ITAAC 2.2.02.08a Completion Package
4. NEI 08-01, "Industry Guideline for the ITAAC Closure Process Under 10 CFR Part 52"