



Michael J. Yox  
Regulatory Affairs Director  
Vogtle 3 & 4

7825 River Road  
Waynesboro, GA 30830  
706-848-6459 tel  
410-474-8587 cell  
myox@southernco.com

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52-026

ND-19-0050  
10 CFR 52.99(c)(3)

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

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 2.6.01.04d [Index Number 587]

Ladies and Gentlemen:

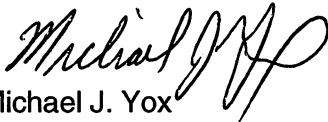
Pursuant to 10 CFR 52.99(c)(3), Southern Nuclear Operating Company hereby notifies the NRC that as of January 2, 2019, Vogtle Electric Generating Plant (VEGP) Unit 3 and Unit 4 Uncompleted Inspections Tests Analyses and Acceptance Criteria (ITAAC) Item 2.2.05.09c [Index Number 877] has not been completed greater than 225-days prior to initial fuel load. The Enclosure describes the plan for completing ITAAC 2.6.01.04d [Index Number 587]. 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)(3) 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,

A handwritten signature in black ink, appearing to read "Michael J. Yox". The signature is fluid and cursive, with the first name "Michael" being more legible than the last name "Yox".

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 2.6.01.04d [Index Number 587]

MJY/DJG/sfr

**To:**

**Southern Nuclear Operating Company/ Georgia Power Company**

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

Mr. D. L. McKinney (w/o enclosures)

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

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

Mr. J. B. Klecha

Mr. G. Chick

Mr. M. J. Yox

Mr. A. S. Parton

Ms. K. A. Roberts

Mr. T. G. Petrak

Mr. W. A. Sparkman

Mr. C. T. Defnall

Mr. C. E. Morrow

Mr. J. L. Hughes

Ms. K. M. Stacy

Ms. A. C. Chamberlain

Mr. J. C. Haswell

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**cc:**

**Nuclear Regulatory Commission**

Mr. W. Jones (w/o enclosures)

Mr. F. D. Brown

Ms. J. M. Heisserer

Mr. C. P. Patel

Mr. G. J. Khouri

Ms. S. E. Temple

Mr. N. D. Karlovich

Mr. A. Lerch

Mr. C. J. Even

Mr. B. J. Kemker

Ms. N. C. Coover

Mr. C. Welch

Mr. I. Cozens

Mr. J. Gaslevic

Mr. V. Hall

**Oglethorpe Power Corporation**

Mr. R. B. Brinkman

Mr. E. Rasmussen

**Municipal Electric Authority of Georgia**

Mr. J. E. Fuller

Mr. S. M. Jackson

**Dalton Utilities**

Mr. T. Bundros

**Westinghouse Electric Company, LLC**

Dr. L. Oriani (w/o enclosures)

Mr. D. C. Durham (w/o enclosures)

Mr. M. M. Corletti

Ms. L. G. Iller

Ms. J. Monahan

Mr. J. L. Coward

**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*

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**Southern Nuclear Operating Company  
ND-19-0050  
Enclosure**

**Vogtle Electric Generating Plant (VEGP) Unit 3 and Unit 4  
Completion Plan for Uncompleted ITAAC 2.6.01.04d [Index Number 587]**

## **ITAAC Statement**

### **Design Commitment**

4.d) Each ancillary diesel generator unit is sized to supply power to long-term safety-related post-accident monitoring loads and control room lighting and ventilation through a regulating transformer; and for one PCS recirculation pump.

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

Each ancillary diesel generator will be operated with fuel supplied from the ancillary diesel generator fuel tank and with a load of 35 kW or greater and a power factor between 0.9 and 1.0 for a time period required to reach engine temperature equilibrium plus 2.5 hours.

### **Acceptance Criteria**

Each diesel generator provides power to the load with a generator terminal voltage of  $480 \pm 10\%$  volts and a frequency of  $60 \pm 5\%$  Hz.

## **ITAAC Completion Description**

Testing is performed in accordance with Unit 3 and Unit 4 preoperational test procedures 3-ECS-ITPP-504 and 4-ECS-ITPP-504 (References 1 and 2) to confirm that each ancillary diesel generator unit is sized to supply power to long-term safety-related post-accident monitoring loads and control room lighting and ventilation through a regulating transformer; and for one PCS recirculation pump.

Each ancillary diesel generator is operated with fuel supplied from the ancillary diesel generator fuel tank and with an 80 kW load applied, at a power factor between 0.9 and 1.0, using a load bank. The engine temperature is monitored to determine when the operating temperature reaches equilibrium. Upon reaching equilibrium, the generator is operated for 2.5-hours under the 80 kW load while monitoring the generator terminal voltage, frequency, and power factor.

The results of each generator load test confirm the diesel generator provides power to the load with a generator terminal voltage of  $480 \pm 10\%$  volts and a frequency of  $60 \pm 5\%$  Hz. References 1 and 2 are available for NRC inspection as part of Unit 3 and Unit 4 ITAAC Completion Packages (References 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 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-ECS-ITPP-504, "Ancillary Diesel Generator Preoperational Test Procedure"
2. 4-ECS-ITPP-504, "Ancillary Diesel Generator Preoperational Test Procedure"

3. 2.6.01.04d-U3-CP-Rev 0, ITAAC Completion Package
4. 2.6.01.04d-U4-CP-Rev 0, ITAAC Completion Package
5. NEI 08-01, "Industry Guideline for the ITAAC Closure Process Under 10 CFR Part 52"