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ND-16-1597  
10 CFR 52.99(c)(1)

Southern Nuclear Operating Company  
Vogtle Electric Generating Plant Unit 3  
ITAAC Closure Notification on Completion of ITAAC 2.3.03.03a [Index Number 320]

Ladies and Gentlemen:

The purpose of this letter is to notify the Nuclear Regulatory Commission (NRC) in accordance with 10 CFR 52.99(c)(1) of the completion of Vogtle Electric Generating Plant (VEGP) Unit 3 Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) Item 2.3.03.03a [Index Number 320], for verifying that the volume of each fuel oil storage tank available to the standby diesel generator is greater than or equal to 55,000 gallons. The closure process for this ITAAC is based on 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.

This letter contains no new NRC regulatory commitments. Southern Nuclear Operating Company (SNC) requests NRC staff confirmation of this determination and publication of the required notice in the Federal Register per 10 CFR 52.99.

If there are any questions, please contact David Woods at 706-848-6903.

Respectfully submitted,

Michael J. Yox  
Regulatory Affairs Director Vogtle 3&4

Enclosure: Vogtle Electric Generating Plant (VEGP) Unit 3  
Completion of ITAAC 2.3.03.03a [Index Number 320]

MJY/jyk/amm

U.S. Nuclear Regulatory Commission

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**Southern Nuclear Operating Company  
ND-16-1597  
Enclosure**

**Vogtle Electric Generating Plant (VEGP) Unit 3  
Completion of ITAAC 2.3.03.03a [Index Number 320]**

### **ITAAC Statement**

#### **Design Commitment:**

- 3.a) Each fuel oil storage tank provides for at least 7 days of continuous operation of the associated standby diesel generator.

#### **Inspections, Tests, Analyses:**

Inspection of each fuel oil storage tank will be performed.

#### **Acceptance Criteria:**

The volume of each fuel oil storage tank available to the standby diesel generator is greater than or equal to 55,000 gallons.

### **ITAAC Determination Basis**

An inspection was performed to demonstrate that the volume of each fuel oil storage tank available to the standby diesel generator is greater than or equal to 55,000 gallons.

A calculation was performed to verify the tank size will provide for at least 55,000 gallons of available volume. The available volume includes the volume above the pump trip setpoint and below the tank "high-tank" level. Fuel oil storage tanks DOS-MT-01A and DOS-MT-01B were inspected (Reference 1) to verify the as-built dimensions of the tanks. In order to obtain the net working volume of the tanks, the design volumes of the nozzle N5 and N7 drop pipes, pipe clips and the design maximum thickness of the tank internal coating were subtracted from the calculated volume of the tank and documented in Reference 1.

The inspection determined the fuel oil storage tank's available volume to supply fuel to each standby diesel generator is 70,863 gallons for tank DOS-MT-01A and 70,901 gallons for tank DOS-MT-01B and meets the ITAAC acceptance criteria.

### **ITAAC Finding Review**

In accordance with plant procedures for ITAAC completion, Southern Nuclear Operating Company (SNC) performed a review of ITAAC Findings and associated corrective actions. This review found that there are no relevant ITAAC Findings associated with this ITAAC. The ITAAC completion review is documented in the Vogtle Unit 3 ITAAC Completion Package for ITAAC 2.3.03.03a (Reference 2) and is available for NRC review.

### **ITAAC Completion Statement**

Based on the above information, SNC hereby notifies the NRC that ITAAC 2.3.03.03a, [Index Number 320] was performed for VEGP Unit 3 and that the prescribed acceptance criteria are met.

Systems, structures, and components verified as part of this ITAAC are being maintained in their as-designed, ITAAC compliant condition in accordance with approved plant programs and procedures.

**References (available for NRC inspection)**

1. SV3-DOS-ITC-800000, DOS Fuel Oil Storage Tank Volume Calculation, Rev. 0
2. SVP\_SV0\_004093, Submittal of Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) Completion Package for Unit 3 ITAAC 2.3.03.03a [COL Index Number 320] (DOS Fuel Oil Storage Tank Volume)