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ND-16-1275  
10 CFR 52.99(c)(1)

Southern Nuclear Operating Company  
Vogtle Electric Generating Plant Unit 4  
ITAAC Closure Notification on  
Completion of ITAAC 2.3.04.09 [Index Number 336]

Ladies and Gentlemen:

In accordance with 10 CFR 52.99(c)(1), the purpose of this letter is to notify the Nuclear Regulatory Commission (NRC) of the completion of Vogtle Electric Generating Plant (VEGP) Unit 4 Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) Item 2.3.04.09 [Index Number 336] for verifying that volume of the diesel driven fire pump fuel tank is at least 240 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

MJY/BH/amm

Enclosure: Vogtle Electric Generating Plant (VEGP) Unit 4  
Completion of ITAAC 2.3.04.09 [Index Number 336]

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**Southern Nuclear Operating Company  
ND-16-1275  
Enclosure**

**Vogtle Electric Generating Plant (VEGP) Unit 4  
Completion of ITAAC 2.3.04.09 [Index Number 336]**

### **ITAAC Statement**

#### **Design Commitment:**

9. The fuel tank for the diesel-driven fire pump is capable of holding at least 240 gallons.

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

Inspection of the diesel-driven fire pump fuel tank will be performed.

#### **Acceptance Criteria:**

The volume of the diesel driven fire pump fuel tank is at least 240 gallons.

### **ITAAC Determination Basis**

An inspection was performed to demonstrate that the diesel-driven fire pump fuel tank is capable of holding at least 240 gallons.

The volume of the diesel-driven fire pump fuel tank was determined by a dimensional inspection to measure the diameter and length of the inner cylindrical fuel tank. The inspection results plus a 5% allowance for sump volume and a 5% allowance for expansion (in accordance with NFPA 20) were used to determine the useable tank volume.

The inspection results of the diesel-driven fire pump fuel tanks are documented in Reference 1 which confirms that the tank volume is 432.5 gallons 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 all ITAAC findings pertaining to the subject ITAAC and associated corrective actions. This review found that there are no relevant ITAAC findings associated with this ITAAC. The ITAAC completion review document number is included in the Vogtle Unit 4 ITAAC Completion Package for ITAAC 2.3.04.09 [Index Number 336] (Reference 2) and available for NRC inspection.

### **ITAAC Completion Statement**

Based on the above information, SNC hereby notifies the NRC that ITAAC 2.3.04.09 [Index Number 336] was performed for VEGP Unit 4 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. SV4-MS32-VTR-850020, Revision 0, Fuel Tank Data -3 - C0114868
2. SVP\_SV0\_004043, Attachment 1, Submittal of Inspections, Tests, Analyses and Acceptance Criteria (ITAAC) Completion Package for Unit 4 ITAAC 2.3.04.09 [COL Index Number 336] (FPS Diesel Driven Fire Pump Fuel Tank Volume)