



Michael J. Yox  
Regulatory Affairs Director  
Vogtle 3 & 4

7825 River Road  
Waynesboro, GA 30830  
706-848-6459 tel

**AUG 19 2020**

Docket Nos.: 52-025

ND-20-0528  
10 CFR 52.99(c)(1)

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

Southern Nuclear Operating Company  
Vogtle Electric Generating Plant Unit 3  
ITAAC Closure Notification on Completion of ITAAC 2.3.05.03d.ii [Index Number 352]

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 3 Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) Item 2.3.05.03d.ii [Index Number 352]. This ITAAC verified that the maintenance hatch hoist holding mechanism was able to stop and hold the maintenance hatch. 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" (Reference 1), which is 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 Tom Petrak at 706-848-1575.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Michael J. Yox", written over a faint, larger version of the same signature.

Michael J. Yox  
Regulatory Affairs Director Vogtle 3 & 4

Enclosure: Vogtle Electric Generating Plant (VEGP) Unit 3 ITAAC Closure Notification on Completion of 2.3.05.03d.ii [Index Number 352]

MJY/WLP/sfr

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**To:**

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

Mr. Peter P. Sena III (w/o enclosures)

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

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

Mr. G. Chick

Mr. S. Stimac

Mr. P. Martino

Mr. M. J. Yox

Mr. A. S. Parton

Ms. K. A. Roberts

Mr. T. G. Petrak

Mr. C. T. Defnall

Mr. C. E. Morrow

Mr. R. L. Beilke

Mr. S. Leighty

Ms. A. C. Chamberlain

Mr. J. C. Haswell

Document Services RTYPE: VND.LI.L06

File AR.01.02.06

**cc:**

**Nuclear Regulatory Commission**

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. J. Gaslevic

Mr. V. Hall

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Mr. J. Eargle

Ms. K. Carrington

Mr. P. Heher

Mr. M. King

Mr. E. Davidson

**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  
Mr. Z. S. Harper  
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*  
Mr. R. L. Trokey, *Georgia Public Service Commission*  
Mr. K. C. Greene, *Troutman Sanders*  
Mr. S. Blanton, *Balch Bingham*

**Southern Nuclear Operating Company  
ND-20-0528  
Enclosure**

**Vogtle Electric Generating Plant (VEGP) Unit 3  
ITAAC Closure Notification on Completion of ITAAC 2.3.05.03d.ii [Index Number 352]**

### **ITAAC Statement**

#### **Design Commitment:**

3.d) The maintenance hatch hoist is single failure proof.

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

ii) Testing of the maintenance hatch hoist is performed.

#### **Acceptance Criteria:**

ii) The maintenance hatch hoist holding mechanism shall stop and hold the hatch.

### **ITAAC Determination Basis**

Multiple ITAAC were performed to demonstrate the maintenance hatch hoist is single failure proof. For this ITAAC, a test was performed in accordance with Site Acceptance Test SV3-MH40-VTP-002 (Reference 2) to demonstrate that the maintenance hatch hoist holding mechanism stopped and held the hatch.

Testing was performed in accordance with Domestic AP1000 Hatch Hoist Site Acceptance Tests (SAT) SV3-MH40-VTP-002 (Reference 2) which required that the maintenance hatch hoist holding mechanism stops and holds the hatch. The maintenance hatch hoist was attached to the maintenance hatch, along with additional test weights to achieve 100% of the hoist rated load, during the load test portion of the SAT. The hatch and weights were raised by the hoist one foot, stopped, and verified to hold the hatch for at least one minute and not drift down after stopping. The hatch and weights were lowered, stopped, and held again for at least two minutes and verified to hold the hatch and not drift down after stopping. The completed SAT is contained in the site record for Work Order SV3-MHS-TOW-1067487 (Reference 3). The completed SAT performance data was compared to the ITAAC Acceptance Criteria in ITAAC Technical Report SV3-MHS-ITR-800352 (Reference 4).

The completed SAT demonstrated that the maintenance hatch hoist holding mechanism stopped and held the hatch. The ITAAC Technical Report (Reference 4) and ITAAC Completion Package (Reference 5) are available for NRC inspection.

### **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 is documented in the ITAAC Completion Package for ITAAC 2.3.05.03d.ii (Reference 5) and is available for NRC review.

### **ITAAC Completion Statement**

Based on the above information, SNC hereby notifies the NRC that ITAAC 2.3.05.03d.ii 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. NEI-08-01 Rev. 5 corrected 6-30-2014, Industry Guideline for the ITAAC Closure Process under 10 CFR Part 52
2. SV3-MH40-VTP-002, Rev. 2, Domestic AP1000 Hatch Hoist Site Acceptance Test
3. Work Order Package SV3-MHS-T0W-1067487, "Perform Site Acceptance Test SV3-MH20-VTP-402 for SV3-MHS-MH-50"
4. SV3-MHS-ITR-800352, Rev. 0, "Unit 3 Maintenance Hatch Hoist Holding Mechanism Test: ITAAC 2.3.05.03d.ii, NRC Index 352"
5. 2.3.05.03d.ii U3-CP-Rev0, ITAAC Completion Package