

Michael 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



Docket No.: 52-026

**SEP 30 2016**

ND-16-1925  
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 4  
ITAAC Closure Notification on Completion of ITAAC 2.3.10.04a [Index Number 435]

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 2.3.10.04a [Index Number 435] for verification that a report exists and concludes that the results of the hydrostatic test of the components identified in the Combined License (COL) Appendix C, Table 2.3.10-1 as American Society of Mechanical Engineers (ASME) Code Section III conform with the requirements of the ASME Code Section III for the Liquid Radwaste System (WLS). 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,

A handwritten signature in black ink, appearing to read "Michael J. Yox", is written over a horizontal line.

Michael J. Yox  
Regulatory Affairs Director Vogtle 3&4

MJY/HMA/amm

Enclosure: Vogtle Electric Generating Plant (VEGP) Unit 4  
Completion of ITAAC 2.3.10.04a [Index Number 435]

**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

Document Services RTYPE: VND.LI.L06

File AR.01.02.06

**cc:**

**Nuclear Regulatory Commission**

Ms. C. Haney (w/o enclosures)

Mr. A. Bradford (w/o enclosures)

Ms. J. L. Dixon-Herrity (w/o enclosures)

Ms. J. M. Heisserer

Mr. C. P. Patel

Mr. B. M. Bovol

Ms. R. C. Reyes

Ms. M. A. Sutton

Mr. M. E. Ernstes

Mr. G. J. Khouri

Mr. M. G. Kowal

Mr. J. D. Fuller

Mr. T. E. Chandler

Ms. S. E. Temple

Ms. P. Braxton

Mr. M. A. Junge

Mr. T. C. Brimfield

Mr. A. J. Lerch

Mr. C. J. Even

**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**

Ms. K. Stoner (w/o enclosures)  
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. Landon  
Mr. P. A. Russ  
Mr. M. Y. Shaqqo  
Ms. S. DiTommaso  
Mr. A. F. Dohse

**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-16-1925  
Enclosure**

**Vogtle Electric Generating Plant (VEGP) Unit 4  
Completion of ITAAC 2.3.10.04a [Index Number 435]**

### **ITAAC Statement**

#### **Design Commitment:**

4.a) The components identified in Table 2.3.10-1 as ASME Code Section III retain their pressure boundary integrity at their design pressure.

#### **Inspections, Tests, Analysis:**

A hydrostatic test will be performed on the components required by the ASME Code Section III to be hydrostatically tested.

#### **Acceptance Criteria:**

A report exists and concludes that the results of the hydrostatic test of the components identified in Table 2.3.10-1 as ASME Code Section III conform with the requirements of the ASME Code Section III.

### **ITAAC Determination Basis**

Hydrostatic tests were performed to demonstrate that the Liquid Radwaste System (WLS) components identified in VEGP Unit 4 Combined License (COL) Appendix C, Table 2.3.10-1 (Attachment A) as ASME Code Section III retain their pressure boundary integrity at their design pressure.

The Design Specification (Reference 1) requires that the valve manufacturer perform hydrostatic testing of each component in accordance with the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code (BPVC) Section III requirements (Reference 2). The results were documented in hydrostatic test reports and included in component Code Data Reports. The component Code Data Reports are included in each applicable Quality Data Package (References 3 through 5).

The Code Data Reports for each component listed in Attachment A exist and certify that the hydrostatic test results conform to the rules for construction of the ASME Code Section III and meet 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 2.3.10.04a (Reference 6) and available for NRC inspection.

### **ITAAC Completion Statement**

Based on the above information, SNC hereby notifies the NRC that ITAAC 2.3.10.04a 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. APP-PV03-Z0-001, Rev. 9, Design Specification for 3" and Larger Manually Operated Gate, Stop Check, and Check Valves, ASME Boiler and Pressure Vessel Code Section III Class 1, 2, and 3 for Various Systems
2. American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code (BPVC) Section III requirements as described in VEGP 3&4 Updated Final Safety Analysis Report, Section 5.2.1, Compliance with Codes and Code Cases
3. SV4-PV03-VQQ-004, Rev. 1, Quality Release and Certificate of Conformance Check Valve
4. SV4-PV03-VQQ-011, Rev. 2, Quality Release & C of C –PV03 Check Valve
5. SV4-PV03-VQQ-032, Rev. 0, Quality Release & C of C-Swing Check Valves
6. SVP\_SV0\_004183, Attachment 1, Submittal of Inspections, Test, Analyses and Acceptance Criteria (ITAAC) Completion Package for Unit 4 ITAAC 2.3.10.04a [COL Index Number 435] (WLS System Components ASME Code Section III Hydrostatic Test)

**Attachment A: Excerpt from Combined License Appendix C, Table 2.3.10-1**

<b>Equipment Name</b>	<b>Tag No.</b>	<b>ASME Code Section III</b>
WLS Drain from Passive Core Cooling System (PXS) Compartment A (Room 11206) Check Valve	WLS-PL-V071B	Yes
WLS Drain from PXS Compartment A (Room 11206) Check Valve	WLS-PL-V072B	Yes
WLS Drain from PXS Compartment B (Room 11207) Check Valve	WLS-PL-V071C	Yes
WLS Drain from PXS Compartment B (Room 11207) Check Valve	WLS-PL-V072C	Yes
WLS Drain from Chemical and Volume Control System (CVS) Compartment (Room 11209) Check Valve	WLS-PL-V071A	Yes
WLS Drain from CVS Compartment (Room 11209) Check Valve	WLS-PL-V072A	Yes