



Jamie M. Coleman  
Regulatory Affairs Director  
Vogtle 3 & 4

7825 River Road  
Waynesboro, GA 30830  
706-848-6926 tel

Docket No.: 52-025

**APR 18 2022**

ND-22-0139  
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 3.3.00.05b [Index Number 785]

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 3.3.00.05b [Index Number 785]. An inspection of the boundaries between the rooms identified in VEGP Unit 3 Combined License (COL) Appendix C Table 3.3-2 was performed to demonstrate that the boundaries between these rooms were designed and constructed to prevent flooding of rooms that contain safety-related equipment. 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 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 Kelli A. Roberts at 706-848-6991.

Respectfully submitted,

A handwritten signature in black ink that reads "Jamie Coleman". The signature is fluid and cursive, with the first name "Jamie" and last name "Coleman" clearly distinguishable.

Jamie M. Coleman  
Regulatory Affairs Director Vogtle 3 & 4

Enclosure: Vogtle Electric Generating Plant (VEGP) Unit 3  
Completion of ITAAC 3.3.00.05b [Index Number 785]

JMC/JRV/sfr

U.S. Nuclear Regulatory Commission

ND-22-0139

Page 2 of 3

**To:**

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

Mr. Peter P. Sena III

Mr. D. L. McKinney

Mr. H. Nieh

Mr. G. Chick

Mr. S. Stimac

Mr. P. Martino

Mr. J.B. Williams

Mr. A. S. Parton

Ms. K. A. Roberts

Ms. J. M. Coleman

Mr. C. T. Defnall

Mr. C. E. Morrow

Mr. K. J. Drudy

Mr. J. M. Fisher

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**

Ms. M. Bailey

Mr. M. King

Mr. G. Bowman

Ms. A. Veil

Mr. C. P. Patel

Mr. G. J. Khouri

Mr. C. J. Even

Mr. B. J. Kemker

Ms. N. C. Coover

Mr. C. Welch

Mr. J. Gaslevic

Mr. O. Lopez-Santiago

Mr. G. Armstrong

Mr. M. Webb

Mr. T. Fredette

Mr. C. Santos

Mr. B. Davis

Mr. J. Vasquez

Mr. J. Eargle

Mr. T. Fanelli

Ms. K. McCurry

Mr. J. Parent

Mr. B. Griman

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  
Mr. D. C. Durham  
Mr. M. M. Corletti  
Mr. Z. S. Harper  
Ms. S.L. Zwack

**Other**

Mr. S. W. Kline, *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*

U.S. Nuclear Regulatory Commission  
ND-22-0139 Enclosure  
Page 1 of 4

**Southern Nuclear Operating Company**  
**ND-22-0139**  
**Enclosure**

**Vogtle Electric Generating Plant (VEGP) Unit 3**  
**Completion of ITAAC 3.3.00.05b [Index Number 785]**

### **ITAAC Statement**

#### **Design Commitment:**

5.b) The boundaries between rooms identified in Table 3.3-2 of the auxiliary building are designed to prevent flooding of rooms that contain safety-related equipment.

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

An inspection of the auxiliary building rooms will be performed.

#### **Acceptance Criteria:**

A report exists that confirms floors and walls as identified on Table 3.3-2 have provisions to prevent flooding between rooms up to the maximum flood levels for each room defined in Table 3.3-2.

### **ITAAC Determination Basis**

An inspection of the boundaries between the rooms identified in Vogtle Electric Generating Plant (VEGP) Unit 3 Combined License (COL) Appendix C Table 3.3-2 (Attachment A), was performed to demonstrate that the boundaries between these rooms were designed and constructed to prevent flooding of rooms that contain safety-related equipment.

Inspections were performed of auxiliary building rooms to demonstrate that floors and walls as identified in Table 3.3-2 have provisions to prevent flooding between rooms up to the maximum flood levels for each room defined in COL Appendix C Table 3.3-2 (Attachment A). An inspection plan was prepared to identify all openings and penetrations on the floors and walls up to the maximum flood levels of the rooms. Each as-built opening or penetration observed and measured to be below the corresponding maximum flood level was inspected to ensure that the openings and penetrations were sealed as specified in the design documents. A final walkdown of the floors and walls was performed to ensure that all openings and penetrations were identified and inspected.

The inspection plan and results of the visual inspection of the floors and walls are documented in the Unit 3 Principal Closure Document (PCD) (Reference 1), and confirms floors and walls as identified on COL Appendix C Table 3.3-2 have provisions to prevent flooding between rooms up to the maximum flood levels for each room defined in COL Appendix C Table 3.3-2 (Attachment A).

Reference 1 is available for NRC inspection as part of the Unit 3 ITAAC 3.3.00.05b Completion Package (Reference 2).

### **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 3.3.00.05b (Reference 2) and is available for NRC review.

**ITAAC Completion Statement**

Based on the above information, SNC hereby notifies the NRC that ITAAC 3.3.00.05b was performed for VEGP Unit 3 and that the prescribed acceptance criteria were 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. SV3-1000-ITR-800785, Rev. 1, "Unit 3 Inspections of Aux Bldg. Safety-Related Equipment Rooms Flood Prevention: ITAAC 3.3.00.05b, NRC Index Number: 785"
2. 3.3.00.05b-U3-CP-Rev0, ITAAC Completion Package
3. NEI 08-01, "Industry Guideline for the ITAAC Closure Process Under 10 CFR Part 52"

Attachment A  
COL Appendix C Table 3.3-2

| <b>Table 3.3-2</b><br><b>Nuclear Island Building Room Boundaries</b><br><b>Required to Have Flood Barrier Floors and Walls</b> |   |  |
|--|---|--|
| <b>Boundary/<br/>Maximum Flood Level (Inches)</b>  | <b>Between Room Number to Room Number</b>       |  |
|  | <b>Room with Postulated<br/>Flooding Source</b> | <b>Adjacent Room</b>                   |
| Floor/36   | 12306   | 12211                                  |
| Floor/3  | 12303   | 12203/12207                            |
| Floor/3  | 12313   | 12203/12207                            |
| Floor/1  | 12300   | 12201/12202/12207<br>12203/12204/12205 |
| Floor/3  | 12312   | 12212                                  |
| Wall/36  | 12306   | 12305                                  |
| Floor/1  | 12401   | 12301/12302/12303<br>12312/12313       |
| Wall/1   | 12401   | 12411/12412                            |
| Floor/36   | 12404   | 12304                                  |
| Floor/4  | 12405   | 12305                                  |
| Floor/36   | 12406   | 12306                                  |
| Wall/36  | 12404   | 12401                                  |
| Wall/30  | 12452   | 12421                                  |
| Floor/3  | 12501   | 12401/12411/12412                      |
| Floor/3  | 12555   | 12421/12423/12422                      |
| Wall/168   | 12156   | 12111/12112                            |
| Wall/76.5  | 12158   | 12111                                  |
| Wall/132   | 12258   | 12211/12212                            |