

Michael J. Yox
Regulatory Affairs Director
Vogtle 3 & 4
Nuclear Development

Southern Nuclear
Operating Company, Inc.
7625 River Road
Waynesboro, GA 30330
Tel: 706-848-6459



Docket No.: 52-025

DEC 30 2016

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

ND-16-2819
10 CFR 52.99(c)(1)

Southern Nuclear Operating Company
Vogtle Electric Generating Plant Unit 3
ITAAC Closure Notification on Completion of ITAAC 2.6.05.03.i [Index Number 630]

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 2.6.05.03.i [Index Number 630] for verifying that an inspection was performed and concludes that the lighting fixtures located in the Main Control Room (MCR) are located on the Nuclear Island. 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/hma/amm

Enclosure: Vogtle Electric Generating Plant (VEGP) Unit 3
Completion of ITAAC 2.6.05.03.i [Index Number 630]

To:

Southern Nuclear Operating Company/ Georgia Power Company

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. 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

Ms. A. C. Chamberlain

Document Services RTYPE: VND.LI.L06

File AR.01.02.06

cc:

Nuclear Regulatory Commission

Mr. W. Jones (w/o enclosures)

Ms. J. M. Heisserer

Mr. C. P. Patel

Mr. M. E. Ernestes

Mr. G. J. Khouri

Mr. J. D. Fuller

Mr. T. E. Chandler

Ms. S. E. Temple

Ms. P. Braxton

Mr. T. C. Brimfield

Mr. A. J. Lerch

Mr. C. J. Even

Ms. V. L. Ordaz

Oglethorpe Power Corporation

Mr. K. T. Haynes

Mr. R. B. Brinkman

Municipal Electric Authority of Georgia

Mr. J. E. Fuller

Mr. S. M. Jackson

Dalton Utilities

Mr. T. Bundros

WECTEC

Mr. C. A. Castell

Westinghouse Electric Company, LLC

Mr. R. Easterling (w/o enclosures)

Mr. G. Koucheravy (w/o enclosures)

Mr. F. Gill

Ms. L. Iller

Mr. J. Hopkins

Mr. D. Hawkins

Mr. C. F. Landon

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-16-2819
Enclosure**

**Vogtle Electric Generating Plant (VEGP) Unit 3
Completion of ITAAC 2.6.05.03.i [Index Number 630]**

ITAAC Statement

Design Commitment:

3. The lighting fixtures located in the MCR utilize seismic supports.

Inspections, Tests, Analysis:

- i) Inspection will be performed to verify that the lighting fixtures located in the MCR are located on the Nuclear Island.

Acceptance Criteria:

- i) The lighting fixtures located in the MCR are located on the Nuclear Island.

ITAAC Determination Basis

Multiple ITAAC are performed to demonstrate that the lighting fixtures located in the Main Control Room (MCR) utilize seismic supports.

This ITAAC requires an inspection be performed to verify that the lighting fixtures located in the MCR are located on the Nuclear Island, which is a Seismic Category I structure. In addition, following completion of construction, ITAAC 2.6.05.01 (Index Number 627) verifies that the location of the as-built lighting fixtures are in the MCR which is on the Nuclear Island.

The MCR lighting plan (Reference 3), which is issued for construction and contains the location of the lighting fixtures, was visually inspected and the lighting fixtures were verified to be located on the nuclear island per design. There are 19 fixtures located on the MCR lighting plan. These 19 lighting fixtures are located within the column lines of the MCR and were compared to the Nuclear Island General Arrangement Plan at EI 117'-6", SV3-1040-P2-001 (Reference 4). These locations were verified to be located within the bounds of the column lines shown on the Nuclear Island General Arrangement Plan thereby confirming that the lighting fixtures located in the MCR are located on the Nuclear Island.

The results of the inspections are documented in the Inspection Report (Reference 1) and conclude that the lighting fixtures located in the MCR are located on the Nuclear Island.

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 3 ITAAC Completion Package for ITAAC 2.6.05.03.i (Reference 2) and available for NRC inspection.

ITAAC Completion Statement

Based on the above information, SNC hereby notifies the NRC that ITAAC 2.6.05.03.i 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-ELS-ITR-001, Revision 0, "Inspection Report Confirming Lighting Fixtures Located in the Main Control Room (MCR) are Located on the Nuclear Island, ITAAC 2.6.05.03.i"
2. SVP_SV0_004595, Attachment 1, "Submittal of Inspections, Test, Analyses and Acceptance Criteria (ITAAC) Completion Package for Unit 3 ITAAC 2.6.05.03.i [COL Index Number 630] (ELS System MCR Lighting Fixture Location)"
3. SV3-1242-EL-001, Revision 2, "Lighting Plan Auxiliary Building Main Control Room 12401 El. 118'-8"
4. SV3-1040-P2-001, Revision 0, "Nuclear Island General Arrangement Plan At El. 117'-6"