Southern Nuclear

Michael J. Yox
Regulatory Affairs Director
Vogtle 3 & 4

7825 River Road
Waynesboro, GA 30830
706-848-6459 tel
410-474-8587 cell
myox@southernco.com

JUN 30 2017

Docket Nos.: 52-025
52-026

ND-17-1169
10 CFR 52.99(c)(3)

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

Southern Nuclear Operating Company
Vogtle Electric Generating Plant Unit 3 and Unit 4
Notice of Uncompleted ITAAC 225-days Prior to Initial Fuel Load
Item 2.5.01.03g [Index Number 517]

Ladies and Gentlemen:

Pursuant to 10 CFR 52.99(c)(3), Southern Nuclear Operating Company hereby notifies the NRC that as of June 21, 2017, Vogtle Electric Generating Plant (VEGP) Unit 3 and Unit 4 Uncompleted Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) Item 2.5.01.03g [Index Number 517] has not been completed greater than 225-days prior to initial fuel load. The Enclosure describes the plan for completing ITAAC 2.5.01.03g [Index Number 517]. Southern Nuclear Operating Company will, at a later date, provide additional notifications for ITAAC that have not been completed 225-days prior to initial fuel load.

This notification is informed by 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. In accordance with NEI 08-01, this notification includes ITAAC for which required inspections, tests, or analyses have not been performed or have been only partially completed. All ITAAC will be fully completed and all Section 52.99(c)(3) ITAAC Closure Notifications will be submitted to NRC to support the Commission finding that all acceptance criteria are met prior to plant operation, as required by 10 CFR 52.103(g).

This letter contains no new NRC regulatory commitments.

If there are any questions, please contact David Woods at 706-848-6903.

Respectfully submitted,

Michael J. Yox
Regulatory Affairs Director Vogtle 3 & 4

Enclosure: Vogtle Electric Generating Plant (VEGP) Unit 3 and Unit 4
Completion Plan for Uncompleted ITAAC 2.5.01.03g [Index Number 517]

MJY/RAS/amw

To:
Southern Nuclear Operating Company/ Georgia Power Company
Mr. D. A. Bost (w/o enclosures)
Mr. M. D. Rauckhorst (w/o enclosures)
Mr. M. D. Meier
Mr. D. H. Jones (w/o enclosures)
Mr. D. L. McKinney
Mr. M. J. Yox
Mr. D. L. Fulton
Mr. J. D. Williams
Mr. D. F. Woods
Mr. F. H. Willis
Ms. A. L. Pugh
Mr. A. S. Parton
Mr. W. A. Sparkman
Mr. C. E. Morrow
Ms. K. M. Stacy
Mr. J. P. Redd
Ms. A. C. Chamberlain
Mr. D. R. Culver
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. Ernstes
Mr. G. J. Khouri
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
Mr. B. J. Davis

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. D. C. Durham (w/o enclosures)
Ms. K. B. Chesko
Mr. J. Hopkins
Mr. D. Hawkins
Mr. C. F. Landon
Mr. M. L. Clyde
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*
Mr. R. R. Newton, *SCANA*

Southern Nuclear Operating Company
ND-17-1169
Enclosure

Vogtle Electric Generating Plant (VEGP) Unit 3 and Unit 4
Completion Plan for Uncompleted ITAAC 2.5.01.03g [Index Number 517]

ITAAC Statement

Design Commitment

3.g) The DAS signal processing cabinets are provided with the capability for channel testing without actuating the controlled components.

Inspections/Tests/Analyses

Channel tests will be performed on the as built system.

Acceptance Criteria

The capability exists for testing individual DAS channels without propagating an actuation signal to a DAS controlled component.

ITAAC Completion Description

Testing is performed in accordance with the Unit 3 and Unit 4 preoperational test procedures SV3-DAS-T1P-501 and SV4-DAS-T1P-501 (References 1 and 2, respectively) to verify that the as built Diverse Actuation System (DAS) signal processing cabinets are provided with the capability for channel testing without actuating the controlled components.

The preoperational test places channels in bypass and then simulates process variables exceeding setpoint and verifies no end device operation. The end device verification is done locally by measuring contact resistance or voltage on the actuating components. The channels are returned to normal and the next process variable is tested in a similar manner. This testing is repeated until the DAS variables have been tested.

The reports documenting the Unit 3 and Unit 4 preoperational test results, SV3-DAS-T2R-501 and SV4-DAS-T2R-50 (References 3 and 4, respectively), confirm that each DAS channel can be tested without propagating an actuation signal to a DAS controlled component.

References 1, 2, 3 and 4 are available for NRC inspection as part of the ITAAC 2.5.01.03g Completion Package (Reference 5).

List of ITAAC Findings

In accordance with plant procedures for ITAAC completion, Southern Nuclear Operating Company (SNC) performed a review of all findings pertaining to the subject ITAAC and associated corrective actions. This review found there are no relevant ITAAC findings associated with this ITAAC.

References (available for NRC inspection)

1. SV3-DAS-T1P-501, "Diverse Actuation System Preoperational Test Procedure"
2. SV4-DAS-T1P-501, "Diverse Actuation System Preoperational Test Procedure"
3. SV3-DAS-T2R-501, "Diverse Actuation System Preoperational Test Results Report"
4. SV4-DAS-T2R-501, "Diverse Actuation System Preoperational Test Results Report"
5. ITAAC 2.5.01.03g Completion Package
6. NEI 08-01, "Industry Guideline for the ITAAC Closure Process Under 10 CFR Part 52"