

M. 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



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U.S. Nuclear Regulatory Commission
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Southern Nuclear Operating Company
Vogtle Electric Generating Plant Unit 3
Notice of Uncompleted ITAAC 225-days Prior to Initial Fuel Load
Item 2.3.06.03b [Index Number 358]

Ladies and Gentlemen:

Pursuant to 10 CFR 52.99(c)(3), Southern Nuclear Operating Company hereby notifies the NRC that as of October 14, 2016, Vogtle Electric Generating Plant (VEGP) Unit 3 Uncompleted Inspection, Test, Analysis, and Acceptance Criteria (ITAAC) Item 2.3.06.03b [Index Number 358] has not been completed greater than 225-days prior to initial fuel load. The Enclosure describes the plan for completing ITAAC 2.3.06.03b [Index Number 358]. 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)(1) 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

U.S. Nuclear Regulatory Commission

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Enclosure: Vogtle Electric Generating Plant (VEGP) Unit 3
Completion Plan for Uncompleted ITAAC 2.3.06.03b [Index Number 358]

MJY/kms/amm

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

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cc:

Nuclear Regulatory Commission

Ms. C. Haney (w/o enclosures)

Ms. A. Bradford (w/o enclosures)

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

Ms. J. M. Heisserer

Mr. C. J. Even

Mr. C. P. Patel

Mr. B. M. Baval

Ms. R. C. Reyes

Ms. M. A. Sutton

Mr. M. E. Ernstes

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

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

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. F. Landon
Mr. A. F. Dohse
Mr. M. Y. Shaqqo
Ms. S. DiTommaso

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-16-2156
Enclosure**

**Vogtle Electric Generating Plant (VEGP) Unit 3
Completion Plan for Uncompleted ITAAC 2.3.06.03b [Index Number 358]**

Subject: Uncompleted ITAAC 2.3.06.03b [Index No. 358]

ITAAC Statement

Design Commitment

3.b) Pressure boundary welds in piping identified in Table 2.3.6-2 as ASME Code Section III meet ASME Code Section III requirements.

Inspections/Tests/Analyses

Inspection of the as-built pressure boundary welds will be performed in accordance with the ASME Code Section III.

Acceptance Criteria

A report exists and concludes that the ASME Code Section III requirements are met for non-destructive examination of pressure boundary welds.

ITAAC Completion Description

An inspection is performed to demonstrate that the as-built pressure boundary welds in piping identified in VEGP Unit 3 Combined License (COL) Appendix C Table 2.3.6-2 (Attachment A) as American Society of Mechanical Engineers (ASME) Code Section III meet ASME Boiler and Pressure Vessel Code (BPVC) Section III requirements (Reference 1). This ITAAC is completed when the piping, identified in Attachment A, Code Symbol N-Stamp(s) and N-5 Code Data Report(s) XXX (Reference 2) are completed.

The non-destructive examinations (including visual inspection, liquid penetrant, magnetic particle, radiographic, and ultrasonic testing, as required by Reference 1) of the piping pressure boundary welds are documented in the Non-destructive Examination Report(s) within the piping systems' supporting data package, which supports completion of the respective piping system Code Symbol N-Stamp Stamping and N-5 Code Data Report(s). The completion of stamping the respective piping system along with the corresponding ASME N-5 Code Data Report(s) listed in Attachment A (signed by the Authorized Nuclear Inspector) ensures that the piping is constructed in accordance with the design specification(s) and ASME Code Section III, and that the satisfactory completion of the non-destructive examinations of piping pressure boundary welds for the piping identified in Attachment A meet ASME Code Section III requirements and are documented in the Non-destructive Examination Report(s) within the supporting data packages.

The respective piping system N-5 Code Data Report(s), which are supported by the Non-destructive Examination Report(s) within the piping systems' supporting data packages exist, and confirm that the ASME Code Section III requirements are met for the non-destructive examination of the pressure boundary welds in piping identified in Attachment A. The N-5 Code

Data Report(s) are available for NRC inspection as part of the ITAAC Completion Package (Reference 3).

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. 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
2. ASME Section III N-5 Code Data Report(s) XXX identified in Attachment A
3. ITAAC 2.3.06.03b Completion Package
4. NEI 08-01, "Industry Guideline for the ITAAC Closure Process Under 10 CFR Part 52"

Attachment A: Excerpt from COL Appendix C Table 2.3.6-2

| Line Name | Line Number | ASME Code Section III | N-5 Code Data Report |
|---|--|--------------------------|-------------------------|
| RNS Suction Lines, from the RCS Hot Leg Connection to the RCS Side of Valves RNS PL-V001A [sic] and RNS-PL-V001B | RNS-L001 RNS-L002A RNS-L002B | Yes | XXX |
| RNS Suction Lines, from the RCS Pressure Boundary Valves, RNS-PL-V001A and RNS-PL-V001B, to the RNS pumps | RNS-L004A RNS-L004B RNS-L005 RNS-L006 RNS-L007A RNS-L007B RNS-L009A RNS-L009B | Yes | XXX |
| RNS Suction Line from CVS | RNS-L061 | Yes | XXX |
| RNS Suction Line from IRWST | RNS-L029 | Yes | XXX |
| RNS Suction Line LTOP Relief | RNS-L040 | Yes | XXX |
| RNS Discharge Lines, from the RNS Pumps to the RNS Heat Exchangers RNS-ME-01A and RNS-ME-01B | RNS-L011A RNS-L011B | Yes | XXX |
| RNS Discharge Lines, from RNS Heat Exchanger RNS-ME-01A to Containment Isolation Valve RNS-PL-V011 | RNS-L012A RNS-L014 | Yes | XXX |
| RNS Discharge Line, from RNS Heat Exchanger RNS-ME-01B to Common Discharge Header RNS-L014 | RNS-L012B | Yes | XXX |
| RNS Discharge Lines, Containment Isolation Valve RNS-PL-V011 to Containment Isolation Valve RNS-PL-V013 | RNS-L016 | Yes | XXX |
| RNS Suction Line from Cask Loading Pit | RNS-L065 | Yes | XXX |
| RNS Discharge Lines, from Containment Isolation Valve RNS-PL-V013 to RCS Pressure Boundary Isolation Valves RNS-PL-V015A and RNS-PL-V015B | RNS-L017 RNS-L018A RNS-L018B | Yes | XXX |

| Line Name | Line Number | ASME Code Section III | N-5 Code Data Report |
|--|------------------------|--------------------------|-------------------------|
| RNS Discharge Lines, from Direct Vessel Injection (DVI) Line RNS-BBC-L018A to Passive Core Cooling System (PXS) IRWST Return Isolation Valve RNS-PL-V024 | RNS-L020 | Yes | XXX |
| RNS Discharge Lines, from RCS Pressure Boundary Isolation Valves RNS-PL-V015A and RNS-PL-V015B to Reactor Vessel DVI Nozzles | RNS-L019A RNS-L019B | Yes | XXX |
| | PXS-L019A PXS-L019B | Yes | XXX |
| RNS Heat Exchanger Bypass | RNS-L008A RNS-L008B | Yes | XXX |
| RNS Suction from Spent Fuel Pool | RNS-L052 | Yes | XXX |
| RNS Pump Miniflow Return | RNS-L030A RNS-L030B | Yes | XXX |
| RNS Discharge to Spent Fuel Pool | RNS-L051 | Yes | XXX |
| RNS Discharge to CVS Purification | RNS-L021 | Yes | XXX |