



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

December 1, 2022

MEMORANDUM TO: Victor E. Hall, Director
Vogtle Project Office
Office of Nuclear Reactor Regulation

Omar Lopez-Santiago, Director
Division of Construction Oversight
Region II

FROM: Christopher R. Welch, Senior Reactor
Operations Engineer
Vogtle Project Office
Office of Nuclear Reactor Regulation

A handwritten signature in black ink that reads "Christopher Welch".

Signed by Welch, Christopher
on 12/01/22

SUBJECT: UPDATE TO TARGETED INSPECTIONS, TESTS, ANALYSES,
AND ACCEPTANCE CRITERIA FOR VOGTLE ELECTRIC
GENERATING PLANT UNIT 4

This memorandum updates the list of Inspections, Tests, Analyses and Acceptance Criteria (ITAAC) targeted for inspection by the U.S. Nuclear Regulatory Commission (NRC) under the baseline inspection program for Vogtle Electric Generating Plant (VEGP), Unit 4. The updates to ITAAC targeting incorporate the latest license amendment for VEGP, Unit 4, through license amendment 187.

This update reflects deletion of ITAAC Index Nos. 26, 83, 103, 172, 233, 263, 296, 368, 399, 878, 467, 527, 582, 687, and consolidation of ITAAC Index Nos. 789, 792, 803, 806, and 809 into ITAAC No. 800, consolidation of ITAAC Index Nos. 790, 793, 804, 807, and 810 into ITAAC No. 801 and consolidation of ITAAC Index Nos. 791, 794, 805, 808, and 811 into ITAAC No. 802. This update does not change the status of any targeted ITAAC and does not impact planned inspection activities.

The Vogtle Project Office is making these changes based upon the input from its expert panel, convened on December 1, 2022. The panel examined license amendment 187 for Unit 4. Christopher Welch presented the ITAAC changes to the expert panel, which included James Gaslevic, Billy Gleaves, and Tanny Santos.

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The following table provides a status of changes to the ITAAC in Appendix C for each combined license, from initial license issuance through the current license amendment:

APPENDIX C	Vogtle Unit 4
License Amendment No.	187
Initial ITAAC Entries	875
ITAAC Entries Added	7*
Total ITAAC Entries	881
ITAAC Entries Deleted	517
ITAAC Entries Active**	364
Total ITAAC Activities	724
Targeted ITAAC Activities	272
Percent of ITAAC Activities Targeted	38%

* License Amendment 158 reused ITAAC entry 852.

** An ITAAC entry may have one or more discrete ITAAC activities.

The ITAAC matrix groups each ITAAC “activity,” into a unique ITAAC family that best represents the ITAAC’s specific construction activities. An ITAAC “activity” consists of an inspection, test, and or analysis and unique acceptance criteria. The ITAAC in the Design Control Document were broken into individual line items and assigned a unique ITAAC index number, so each individual ITAAC activity could be assigned into a single ITAAC family.

Changes to the license, such as for ITAAC consolidation, do not impact the placement of ITAAC activities into the ITAAC matrix or their families. These changes also do not impact the outcome of the prioritization process and selection for inspection (i.e., targeting).

Attachment 1 (Agencywide Documents Access and Management System Accession No. ML22334A083) dated November 29, 2022, lists the ITAAC activities sequentially by ITAAC index number and provides the official list of targeted ITAAC and their assigned ITAAC families. The NRC performs the baseline construction inspection program using this list. Attachment 2 (ML22334A084) dated November 29, 2022, lists the ITAAC by family. The NRC will continue to inspect ITAAC activities using the inspection procedures related to the family designator as shown in attachments 1 and 2, as the baseline inspection requirement. The NRC inspection program credits previous inspections and findings for the pre-consolidated ITAAC under the consolidated ITAAC.

The NRC tracks ITAAC completion using the Construction Inspection Program Information Management System (CIPIMS). This software is limited to one family designator and one inspection status (i.e., targeted, or non-targeted) for each ITAAC entry, versus ITAAC activity. This limitation does not support ITAAC consolidation, as the software was designed for having a single ITAAC entry (i.e., index number) match a single ITAAC activity. With consolidation, a single index number may now have several ITAAC activities, each originally with its own family designator and targeted status. The staff modified CIPIMS so that the original ITAAC family is applied to all the consolidated activities for new consolidated ITAAC. Similarly, CIPIMS shows a consolidated ITAAC as targeted if any of its ITAAC activities are targeted. As a result, the ITAAC data in

CIPIMS is not always consistent with the “official” family assignments and targeted status for each of the specific ITAAC activities identified in the attachments.

Docket No. 52-026

Attachments:

1. Targeted ITAAC Listing VEGP Unit 4
2. ITAAC Family Listing VEGP Unit 4

Update to Targeted Inspections, Tests, Analysis, and Acceptance Criteria for Vogtle Electric Generating Plant Unit 4 DATE December 1, 2022

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ADAMS Accession No.: ML22334A075; Memo ML22334A081

OFFICE	NRR/VPO/VPOB	NRR/VPO/VPOB		
NAME	CWelch	CW	CWelch	CW
DATE	Nov 30, 2022	Dec 1, 2022		

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