

April 16, 2024

NL-24-0154
10 CFR 50.55a

Docket No.: 52-026

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D. C. 20555-0001Southern Nuclear Operating Company
Vogtle Electric Generating Plant Unit 4
Preservice Inspection Program Owner's Activity Report

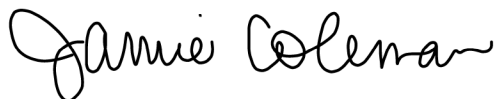
The Vogtle Electric Generating Plant (VEGP) Unit 4 Owner's Activity Report (OAR-1) for the Preservice Inspection interval is provided as an Enclosure to this letter, in accordance with ASME Section XI, Article IWA-6200 and ASME Section XI Code Case N-532-5. The OAR-1 Report in the Enclosure includes Table 1, "Items with Flaws or Relevant Conditions That Required Evaluation for Continued Service," which lists evaluations performed for continued service, and Table 2, "Abstract of Repair / Replacement Activities Required for Continued Service," which lists repair/replacement activities.

The report is for the Preservice Inspection interval (0th Interval, 0th Period, 1st Report).

This letter contains no regulatory commitments. This letter has been reviewed and determined not to contain security-related information.

If you have any questions, please contact Mr. Ryan Joyce at (205) 992-6468.

Respectively submitted,

Jamie M. Coleman
Director, Regulatory Affairs
Southern Nuclear Operating Company

Enclosure: Preservice Inspection (PSI) Program Owner's Activity Report

cc: NRC Regional Administrator, Region II
VPO Project Manager
NRR Project Manager –VEGP 3&4
Senior Resident Inspector – VEGP 3&4
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Vogtle Electric Generating Plant - Unit 4
Preservice Inspection Program Owner's Activity Report

Enclosure to NL-24-0154

Preservice Inspection (PSI) Program Owner's Activity Report

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number 4-0-0-1 (Unit 4, 0th Interval, 0th Period, 1st Report)

Plant Vogtle Nuclear Plant

Unit No. 4 Commercial service date April 21, 2024 (anticipated) Refueling outage no. N/A
(# applicable)

Current inspection interval Preservice Inspection (PSI) [June 1, 2015 to Commercial Service Date]
(1st, 2nd, 3rd, 4th, other)

Current inspection period N/A
(1st, 2nd, 3rd)

Edition and Addenda of Section XI applicable to the inspection plans: 2007 Edition through 2008 Addenda

Date and revision of inspection plans: SV4-GW-GEI-100 Rev 1, Vogtle Electric Generating Plant Unit 4 Preservice Inspection Plan, approved January 2021. SV4-GW-GEI-300 Rev 0, Vogtle Electric Generating Plant Unit 4 IWE Preservice Inspection Plan, approved April 2022. The PSI Plans list applicable Alternatives approved per 10 CFR 50.55a.


Edition and Addenda of Section XI applicable to repair/replacement activities, if different than the inspection plans: Prior to the 10 CFR 52.103(g) finding, which occurred on July 28, 2023, all Repair/Replacement activities were performed per the construction codes ASME Code Section III, 1998 Edition through 2000 Addenda and 2001 Edition through 2002 Addenda. From the 10 CFR 52.103(g) finding until the anticipated Commercial Operation date, April 21, 2024, all Repair/Replacement activities were performed per the Preservice Inspection Code, ASME Code Section XI, 2007 Edition through the 2008 Addenda.

Code Cases used for inspection and evaluation: N-532-5, N-613-1, N-619, N-639, N-648-1, N-648-2, N-683, N-697, N-729-1, N-729-4, N-799, and Proposed Code Case N-XXX (BC12-51).

(if applicable, including cases modified by Case N-532 and later revisions)

CERTIFICATE OF CONFORMANCE

I certify that (a) the statements made in this report are correct; (b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI; and (c) the repair/replacement activities and evaluations supporting the completion of Preservice Inspection (PSI) conform to the requirements of Section XI.
(refueling outage number)

Signed Ang Dong  Engineering Director Date 4/15/24
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and employed by The Hartford Steam Boiler Inspection and Insurance Company of Hartford, CT, have inspected the items described in this Owner's Activity Report, and state that, to the best of my knowledge and belief, the Owner has performed all activities represented by this report in accordance with the requirements of Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the repair/replacement activities and evaluation described in this report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

 Commission NB 14373 I
Inspector's Signature (National Board Number and Endorsement)

Date 4-15-24

Table 1
Items with Flaws or Relevant Conditions That Required Evaluation for Continued Service

Examination Category and Item Number	Item Description	Evaluation Description
None	None	None

Table 2
Abstract of Repair / Replacement Activities Required for Continued Service

Code Class	Item Description	Description of Work	Date Completed	Repair / Replacement Plan Number
1	4-RCS-MP-02A	Replace 2A RCP, RCP HX, and piping between RCP and RCP HX	11/27/2023	SNC1590301
1	4-RCS-V005A	Replace relief valve	8/14/2023	SNC1527464
1	4-RCS-JE-TW125B	Replace 4-RCS-JE-TW125B thermowell	8/21/2023	SNC1529860
1	4-RNS-PH-12Y2060	Replace missing load distribution strap and U-bolt and Hex Nuts	9/29/2023	SNC2230699
3	4-WLS-PLW-730	Re-install piping from Iso 4-WLS-PLW-730 & 731	12/9/2023	SNC1596645
1	4-RCS-PH-11R0107	Replace upper clamp of dynamic strut	1/13/2024	SNC1677779
1	4-RCS-PH-11R2272	Replace rigid strut	1/11/2024	SNC1682044
1	4-RCS-PH-11R0393	Replace inlay plates, bolting, and rigid strut	1/11/2024	SNC1680871