

January 3, 2022

Docket No.: 50-424

NL-21-1130

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D. C. 20555-0001

Vogtle Electric Generating Plant – Unit 1
Inservice Inspection Program Owner's Activity Report (OAR-1) for Outage 1R23

Ladies and Gentlemen:

The ASME Section XI Code Case N-532-5 OAR-1 Owner's Activity Report for the 1R23 Refueling Outage 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 Enclosure 1 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,

This report is for the second period of the 4th Inservice Inspection Interval (Interval 4, Period 2, Outage 1).

This letter contains no NRC commitments. If you have any questions, please contact Ryan Joyce at 205.992.6468.

Respectfully submitted,



Cheryl A. Gayheart
Regulatory Affairs Director

CAG/dsp/cbg

Enclosure: 1R23 Form OAR-1 Owner's Activity Report

cc: Regional Administrator
NRR Project Manager – Vogtle 1 & 2
Senior Resident Inspector – Vogtle 1 & 2
RType: CVC7000

Vogtle Electric Generating Plant – Unit 1
Inservice Inspection Program Owner's Activity Report (OAR-1) for Outage 1R23

Enclosure

1R23 Form OAR-1 Owner's Activity Report

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number 1-4-2-1 (Unit 1, 4th Interval, 2nd Period, 1st Report)

Plant Alvin W. Vogtle Electric Generating Plant

Unit No. 1 Commercial service date May 31, 1987 Refueling outage no. 1R23
(if applicable)

Current inspection interval 4th
(1st, 2nd, 3rd, 4th, other)

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

Edition and Addenda of Section XI applicable to the inspection plans: The 2007 Edition through 2008 Addenda is applicable to the 4th Inspection Interval.

Date and revision of inspection plans: 4th Inspection Interval Inspection Plans - Volume 1- 08/12/2021 (Version 5.0), Volume 3 - 08/30/2021 (Version 6.0), Volume 4 - 4/22/2021 (Version 6.0), and Volume 5 - 8/11/2021 (Version 6.0). 1R23 Outage Plan - 09/10/2021 (Version 1.0) with 1R23 Outage Plan Scope Change SC-002 (Version 2.0) -10/07/2021

Edition and Addenda of Section XI applicable to repair/replacement activities, if different than the inspection plans: Same

Code Cases used for inspection and evaluation: N-716-1, N-722-1, N-729-⁶4, and N-532-5
(if applicable, including cases modified by Case N-532 and later revisions)
SC 12-23-21

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 1R23 conform to the requirements of Section XI.
(refueling outage number)

Signed [Signature] KEVIN LAMBLE / PLANT SUPERVISOR MAMA/MSR Date 12/15/21
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.

Jerome Barthelemy [Signature] Commission NB15817 AI, N, I, R, C
Inspector's Signature (National Board Number and Endorsement)
Date 12/16/21

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

Examination Category and Item Number	Item Description	Evaluation Description
N/A	N/A	N/A

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	Examination Category B-Q Steam Generator 4 Tubing (11201B6004)	Mechanical plugs were installed in applicable tubes due to degradation detected during eddy current examination.	9/25/2021	SNC1086742
1	Examination Category B-Q Steam Generator 3 Tubing (11201B6003)	Mechanical plugs were installed in applicable tubes due to degradation detected during eddy current examination.	9/26/2021	SNC1086743
1	Examination Category B-Q Steam Generator 2 Tubing (11201B6002)	Mechanical plugs were installed in applicable tubes due to degradation detected during eddy current examination.	9/26/2021	SNC1099799