



Dustin Hamman
Director Nuclear and Regulatory Affairs

September 4, 2024
000592

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

Subject: Docket No. 50-482: Inservice Inspection Program Fourth Interval, Third Period, Refueling Outage 26 Owner's Activity Report

Commissioners and Staff:

Enclosed is the Wolf Creek Nuclear Operating Corporation (WCNOC) Owner's Activity Report (Form OAR-1, Report Number WCRE-30 Rev. 7, I4/P3-RF26) for inservice inspections performed after Wolf Creek Generating Station's (WCGS) Refueling Outage 25 (RF25) that concluded on November 20, 2022, and up to, and including, WCGS' Refueling Outage 26 (RF26) that concluded on May 11, 2024. RF26 was the second refueling outage of the third period of the fourth interval of the WCNOC Inservice Inspection Program. The enclosed report is submitted pursuant to the requirements of paragraph IWA-6240 of the 2007 Edition through 2008 Addenda of Section XI of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code and ASME Code Cases N-532-5 and N-892.

In addition to the above, industry driven, non-ASME Code ultrasonic (UT) inspections were performed on the reactor vessel clevis insert bolts per Pressurized Water Reactor Owners Group (PWROG) letter OG-21-160R1. Indications were identified using the non-Code method and evaluated through the Wolf Creek corrective action program condition report 10032127. This evaluation was provided to the NRC ISI inspector during RF26. No relevant indications were identified during the ASME visual inspections and therefore were excluded from the OAR-1 report.

This letter contains no commitments. If you have any questions concerning this matter, please contact me at (620) 364-4204.

Sincerely,

A handwritten signature in black ink, appearing to read "Dustin T. Hamman", written in a cursive style.

Dustin T. Hamman

DTH/jkt

Enclosure: WCNOG ISI Form OAR-1, Report Number WCRE-30, I4/P3-RF26

cc: S. S. Lee (NRC), w/e
J. D. Monninger (NRC), w/e
D. L. Proulx (NRC), w/e
Senior Resident Inspector (NRC), w/e
WC Licensing Correspondence RA 24-000592, w/e

Enclosure to 000592

ENCLOSURE

**Wolf Creek Nuclear Operating Corporation
Inservice Inspection Program
Owner's Activity Report
(Form OAR-1, Report Number WCRE-30, I4/P3-RF26)
(3 pages)**

FORM OAR-1 OWNER 'S ACTIVITY REPORT

Report Number WCRE-30, 14/P3-RF26

Plant Wolf Creek Generating Station, 1550 Oxen Lane Northeast, Burlington, Kansas 66839

Unit No. 1 Commercial service date 9-3-1985 Refueling outage no. RF-26
(if applicable)

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

Current inspection period
3rd
(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 WCRE-30 Rev. 7, dated 03/18/2024

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-532-5, N-613-2, N-648-2, N-706-1, N-747, N-798, N-800, N-845, N-864, N-885, N-892
(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 RF-26 conform to the requirements of Section XI.
(refueling outage number)

Signed  ISI Engineer Date 08/15/2024
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.

 Commissions 15482 INAC
Inspector's Signature National Board Number and Endorsement

Date 8/19/24

TABLE 1
ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT REQUIRED
EVALUATION FOR CONTINUED SERVICE

Examination Category and Item Number	Item Description	Evaluation Description
Code Case N-885 B-N B13.40	Removeable core support structure Radial Support Keys	The hardsurfacing (stellite) material was found to have cracking in the horizontal direction. The cracking did not extend into the base material of the keys. This condition was evaluated and found acceptable as the structural integrity of the keys was maintained and the function was not impaired.
Code Case N-885 B-N B13.40	Removeable core support structure Damage to bolting of instrumentation guide tube columns.	The instrumentation guide tube bolting was shown to be crushed in five locations due to improper alignment of the core barrel on the stand. This condition was evaluated and found acceptable as there is still adequate material on the bolt heads to maintain sufficient bearing surface and preload. This allows the instrument columns to remain connected and functional.
Code Case N-885 B-N B13.40	Removeable core support structure Damage to bypass spray nozzles	The bypass spray nozzles appeared to have some impact damage, but this was shown to have been a historic event, with a previous disposition. However, this condition was more accurately captured and dispositioned to be acceptable, as the observed damage does not adversely affect the general form or function of the spray nozzles.

TABLE 2
ABSTRACT OF REPAIR/REPLACEMENT ACTIVITIES REQUIRED FOR CONTINUED SERVICE

Code Class	Item Description	Description of Work	Date Completed Note 1	Repair/Replacement Plan Number
1	Steam Generator	Performed tube plugging in 'A' Steam Generator	7/24/2024	2024-012
1	Steam Generator	Performed tube plugging in 'B' Steam Generator	7/24/2024	2024-011
1	Steam Generator	Performed tube plugging in 'C' Steam Generator	7/24/2024	2024-010
1	Steam Generator	Performed tube plugging in 'D' Steam Generator	7/24/2024	2024-009
1	Piping Support	Snubber rebuild to replace cracked retaining nut	11/28/2023	2023-009
2	Steam Generator Manway Bolt	Replaced bolt on 'B' Steam generator secondary manway	7/23/2024	2024-013
3	Essential Service Water Piping	Replaced piping to restore min-wall requirements	8/6/2024	2023-013
3	Control Building HVAC Piping	Replaced piping to restore min-wall requirements	11/15/2023	2022-042
1	Piping Support	Replaced damaged end plug assembly on snubber	4/8/2024	2024-008

Note 1: The date completed is the date the Form NIS-2A was certified.