



February 13, 2017

Cynthia R. Hafenstine  
Manager Regulatory Affairs

RA 17-0005

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

Subject: Docket No. 50-482: Containment Inservice Inspection Program Second Interval, Third Period, Refueling Outage 21 Owner's Activity Report

Gentlemen:

Enclosed is the Wolf Creek Nuclear Operating Corporation (WCNOC) Owner's Activity Report (Form OAR-1, Report Number WCRE-22, I2-P3-RF21) for containment inservice inspections performed after Wolf Creek Generating Station's (WCGS) twentieth refueling outage (RF20) that concluded on May 3, 2015, and up to, and including, WCGS' twenty-first refueling outage (RF21) that concluded on November 21, 2016. RF21 was the first refueling outage of the third period of the second interval of the WCNOC Containment Inservice Inspection Program. The enclosed report is submitted pursuant to the requirements of paragraph IWA-6240 of the 2001 Edition through 2003 Addenda of Section XI of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code and ASME Code Case N-532-5.

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 that reads "Cynthia R. Hafenstine" with a small "for" written below it.

Cynthia R. Hafenstine

CRH/rit

Enclosure

cc: K. M. Kennedy (NRC), w/e  
B. K. Singal (NRC), w/e  
N. H. Taylor (NRC), w/e  
Senior Resident Inspector (NRC), w/e

AD47  
NRR

## **ENCLOSURE**

**Wolf Creek Nuclear Operating Corporation  
Containment Inservice Inspection Program  
Owner's Activity Report  
(Form OAR-1, Report Number WCRE-22, I2-P3-RF21)  
(4 pages)**

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number WCRE-22, I2-P3-RF21

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-21  
(if applicable)

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

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

Edition and Addenda of Section XI applicable to the inspection plans 2001 Edition through 2003  
Addenda \_\_\_\_\_

Date and revision of inspection plans WCRE-22 Rev. 7, dated 09-08-2015 Attachment 1

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

Code Cases used: N-532-5, N-686-1  
(if applicable)

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-21 conform to the requirements of Section XI.  
(refueling outage number)

Signed *Ervin J Prather* Ervin J Prather, Responsible Individual Date 2-7-2017  
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 the State or Province of Kansas 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.

*Brian Smith* Commissions NB4733 ANI, KS695  
Inspector's Signature National Board, State, Province, and Endorsements

Date 2-7-2017

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

Examination Category and Item Number	Item Description	Evaluation Description
	RF21	
LB, L2.20	Containment Tendon 40BA (Horizontal)	Visual inspection of tendon 40BA (A buttress end field end) found during the 30 <sup>th</sup> year tendon surveillance work identified 1 of the 170 tendon wires to be protruding from the anchor by approximately one half inch. The affected wire was the middle wire in the top row. This condition was evaluated as acceptable per CP 15006 (WO 15-404864-001).

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

Code Class	Item Description	Description of Work	Date Completed	Repair/Replacement Plan Number
None				

## ATTACHMENT 1

As specified in the inspection plan, WCRE-22, this attachment is added to meet the requirements of 10 CFR 50.55a(b)(2)(viii)(E) and 10 CFR 50.55a(b)(2)(ix)(A)

10 CFR 50.55a(b)(2)(viii)(E)

As noted in WCRE-22, there are no inaccessible areas identified that meet the criteria of this section.

10 CFR 50.55a(b)(2)(ix)(A)

As noted in WCRE-22, there are no inaccessible areas identified that meet the criteria of this section.