

# WOLF CREEK

NUCLEAR OPERATING CORPORATION

Steven R. Koenig  
Manager Regulatory Affairs

July 28, 2015

RA 15-0053

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

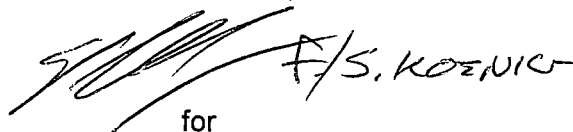
Subject: Docket No. 50-482: Containment Inservice Inspection Program Second Interval, Second Period, Refueling Outage 20 Owner's Activity Report

Gentlemen:

Enclosed is the Wolf Creek Nuclear Operating Corporation (WCNOC) Owner's Activity Report (Form OAR-1, Report Number WCRE-22, I2-P2-RF20) for containment inservice inspections performed after Wolf Creek Generating Station's (WCGS) nineteenth refueling outage (RF19) that concluded on May 13, 2014, and up to, and including, WCGS' twentieth refueling outage (RF20) that concluded on May 3, 2015. RF20 was the second refueling outage of the second 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-532-4.

This letter contains no commitments. If you have any questions concerning this matter, please contact me at (620) 364-4041 or Mr. Bill Muilenburg at (620) 364-4186.

Sincerely,



for  
Steven R. Koenig

SRK/rlt

Enclosure

cc: M. L. Dapas (NRC), w/e  
C. F. Lyon (NRC), w/e  
N. H. Taylor (NRC), w/e  
Senior Resident Inspector (NRC), w/e

A047  
NRR

Enclosure to RA 15-0053

**Wolf Creek Nuclear Operating Corporation (WCNOC)  
Owner's Activity Report  
(Form OAR-1, Report Number WCRE-22, I2-P2-RF20)  
(4 pages)**

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number WCRE-22, I2-P2-RF20 (including MC20)

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-20  
(if applicable)

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

Current inspection period 2 nd  
(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. 6, dated 12-1-2014 Attachment 1

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

Code Cases used: N-532-4, 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-20 conform to the requirements of Section XI.  
(refueling outage number)

Signed Ervin J Prather Ervin J Prather, Responsible Individual Date 5-27-2015  
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 of Province of Kansas and employed by The Hartford Steam Boiler Inspection and Insurance Co. of Connecticut 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.

Adrian S. [Signature] Commissions NB 13573 4, 2, 1  
Inspector's Signature National Board, State, Province, and Endorsements

Date 1 June 15

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

Examination Category and Item Number	Item Description	Evaluation Description
	MC20	
E-C, E4.11	2-3-1-C-MB, Moisture Barrier Containment Incore Tunnel Liner	Pits at the moisture barrier liner interface were identified which were less than 10% of the wall thickness. The condition was evaluated as acceptable. Reference BED to WO 11-339212-006.
	RF20	
E-C, E4.11	2-3-2-A, Containment Metallic Liner Surface of Normal Sump @ 90 Deg, PLF05A/B	Pits were identified behind the level instrument bracket support for LFLE009A. The pit depth of 5/32" was measured. These pits were evaluated per engineering evaluation and determined acceptable per CP 014900
E-C, E4.11	2-3-1-A, Containment Metallic Liner Surface of Normal Sump @ 270 Deg, PLF05C/D	Pits were identified behind the level instrument bracket support for LFLE010A. The pit depth of 3/64" was measured. These pits were evaluated per engineering evaluation and determined acceptable per CP 014900

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.