



Gautam Sen
Manager Regulatory Affairs

September 13, 2011

RA 11-0180

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

Subject: Docket No. 50-482: Containment Inservice Inspection Program
Second Interval, First Period, Refueling Outage 18 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-P1-RF18) for containment inservice inspections performed prior to, and during, Wolf Creek Generating Station's (WCGS) eighteenth refueling outage (RF18) that concluded on June 24, 2011. RF18 was the second outage of the first 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.

There are no commitments contained within this letter.

If you have any questions concerning this matter, please contact me at (620) 364-4175 or Ms. Diane Hooper at (620) 364-4041.

Sincerely,

Diane M. Hooper for

Gautam Sen

GS/rlt

Enclosure

cc: E. E. Collins (NRC), w/e
J. R. Hall (NRC), w/e
G. B. Miller (NRC), w/e
Senior Resident Inspector (NRC), w/e

A047
NRC

Enclosure to RA 11-0180

**Wolf Creek Nuclear Operating Corporation (WCNOC)
Owner's Activity Report
(Form OAR-1, Report Number WCRE-22, I2-P1-RF18)
(4 pages)**

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number WCRE-22, I2-P1-RF18

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-18
(if applicable)

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

Current inspection period 1st
(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. 3, dated 11-11-2010 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-18 conform to the requirements of Section XI.
(refueling outage number)

Signed Dennis Flanagan ENGINEER Date 8/17/2011
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 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.

[Signature] Commissions NB 13573 A.N.I. KS 657
Inspector's Signature National Board, State, Province, and Endorsements

Date 17 Aug 2011

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

Examination Category and Item Number	Item Description	Evaluation Description
E-C, E4.11	Containment Incore Tunnel Sump Liner	Pits that measured up to 3/32" deep were identified on the sump liner surface. These pit depths were acceptable per an engineering evaluation. Reference work order 11-339212-003 and CCP 12959.
E-A, E1.11 E-C, E4.11	Containment Equipment Hatch Surface and Bolting	The bolt and bolt chair members at Location 6 of the containment equipment hatch were found bent. See Note 1 for more information. The condition was evaluated as acceptable. Reference work order 11-339112-004 and CCP 13731.
L-B, L2.10	Containment Vertical Tendon V7	After lift off testing 7 of the tendon wires were found damaged. See Note 2 for more information. The condition was evaluated as acceptable. Reference work order 10-331454-001 and CCP 13427.
L-B, L2.10	Containment Vertical Tendon V65	After lift off testing 2 of the tendon wires were found damaged. See Note 2 for more information. The condition was evaluated as acceptable. Reference work order 10-331498-001 and CCP 13427.

Note 1: This condition was not service induced. The bolt and bolt chair members were bent during the process of removing the hatch cover to support outage activities. This damage was caused by personnel error. The subject components were determined to be acceptable for continued service by an engineering evaluation.

Note 2: This condition was not service induced. The tendon wires were damaged during the testing process. This damage was caused by an error of the vendor performing the testing. The subject components were determined to be acceptable for continued service by an engineering evaluation.

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.