



Nebraska Public Power District

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NLS2021009
January 21, 2021

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

Subject: Inservice Inspection OAR-1 Owner's Activity Report
Cooper Nuclear Station, Docket No. 50-298, DPR-46

Dear Sir or Madam:

The purpose of this letter is to provide to the Nuclear Regulatory Commission the Inservice Inspection OAR-1 Owner's Activity Report for the Fall 2020 Refueling Outage at Cooper Nuclear Station (CNS). This report is submitted in accordance with the requirements of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code, Section XI, Code Case N-532-5. The enclosure contains the completed OAR-1 Owner's Activity Report form, a table identifying the description of items with flaws or relevant conditions that required evaluation for continued service, and a table providing an abstract of repair/replacement activities required for continued service.

This letter does not contain commitments. Should you have any questions regarding this matter, please contact me at (402) 825-5416.

Sincerely,

Linda Dewhirst
Regulatory Affairs and Compliance Manager

/bk

Enclosure: OAR-1 Owner's Activity Report

cc: Regional Administrator w/enclosure
USNRC - Region IV

Cooper Project Manager w/enclosure
USNRC - NRR Plant Licensing Branch IV

Senior Resident Inspector w/enclosure
USNRC - CNS

NPG Distribution w/enclosure

CNS Records w/enclosure

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COOPER NUCLEAR STATION

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NLS2021009
Enclosure
Page 1 of 4

Enclosure

OAR-1 Owner's Activity Report

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number RE31-1

Plant Cooper Nuclear Station, P.O. Box 98, 72676 648A Ave, Brownville, NE 68321

Unit No. 1 Commercial Service Date 7/1/1974 Refueling Outage No. RE31
(if applicable)

Current Inspection Interval 5th Interval (Class 1, 2, 3); 3rd Interval (Class MC)
(1st, 2nd, 3rd, 4th, other)

Current Inspection Period 2nd Period (Class 1, 2, 3, MC)
(1st, 2nd, 3rd)

Edition and Addenda of Section XI applicable to the inspection plans 2007 Edition, 2008 Addenda

Date and Revision of inspection plans 9/26/20, Revision 3 (Class 1, 2, 3 combined)

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
(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 RE31 conform to the requirements of Section XI. (Refueling Outage Number)

Signed Jason Stairs - Engineering Programs & Components Manager Date 1/13/2021
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, Connecticut 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 loss of any kind arising from or connected with this inspection.

Scott Mascarello [Signature] Commission NB# 14725, Endorsements C, I, N, R
Inspector's Signature (National Board Number and Endorsement)

Date 01/14/21

COOPER NUCLEAR STATION		
TABLE 1		
ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT REQUIRED EVALUATION FOR CONTINUED SERVICE		
Examination Category and Item Number	Item Description	Evaluation Description
None	None	None

COOPER NUCLEAR STATION				
TABLE 2				
ABSTRACT OF REPAIR/REPLACEMENT ACTIVITIES REQUIRED FOR CONTINUED SERVICE				
Code Class	Item Description	Description of Work	Date Completed	Repair/ Replacement Plan Number
3	Localized wall thinning identified in pipe section SW-Z4-2852-23 was replaced in RE-31. Condition identified in CR-CNS-2020-04194.	Pipe below Min-Wall. Replaced section of Service Water pipe in RE-31 per CM Work Order 5365785.	10/08/2020	20-031
3	Localized wall thinning identified in pipe section SW-E-9-2851-2 was repaired in RE-31. Condition identified in CR-CNS-2020-04417.	Pipe was below Min-Wall. Repaired section of Service Water pipe in RE-31 per CM Work Order 5365951.	10/08/2020	20-032R1
3	Localized wall thinning identified in pipe section SW-E-4-2851-3 was repaired in RE-31. Condition identified in CR-CNS-2020-04944.	Pipe was below Min-Wall. Repaired section of Service Water pipe in RE-31 per CM Work Order 5367828.	10/23/2020	20-034
3	Localized wall thinning identified in pipe section SW-Z1-2851-4 was repaired in RE-31. Condition identified CR-CNS-2020-04989.	Pipe was below Min-Wall. Repaired section of Service Water pipe in RE-31 per CM Work Order 5367737.	10/23/2020	20-036

COOPER NUCLEAR STATION				
TABLE 2				
ABSTRACT OF REPAIR/REPLACEMENT ACTIVITIES REQUIRED FOR CONTINUED SERVICE				
Code Class	Item Description	Description of Work	Date Completed	Repair/ Replacement Plan Number
3	Localized wall thinning identified in pipe section SW-E-6-2851-4 was repaired in RE-31. Condition identified in CR-CNS-2020-05000.	Pipe was below Min-Wall. Repaired section of Service Water pipe in RE-31 per CM Work Order 5367900.	10/23/2020	20-038
3	Localized wall thinning identified in pipe section SW-E-6-2852-3 was repaired in RE-31. Condition identified in CR-CNS-2020-05024.	Pipe was below Min-Wall. Repaired section of Service Water pipe in RE-31 per CM Work Order 5367852.	10/22/2020	20-039