

JAN 09 2020

L-PI-20-003  
10 CFR 50-55a

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

Prairie Island Nuclear Generating Plant, Unit 2  
Docket Nos. 50-306  
Renewed Facility Operating License No. DPR-60

Refueling Outage Unit 2 R31 Owner's Activity Report for Class 1, 2, 3 and MC ISI  
Examinations

Northern States Power Company, a Minnesota corporation, doing business as Xcel Energy (hereafter "NSPM"), hereby submits inservice inspection summary reports for inspections conducted prior to and during the Prairie Island Nuclear Generating Plant (PINGP) refueling outage U2R31 that concluded on October 28, 2019.

The Enclosure to this letter contains Form OAR-1, "Owner's Activity Report" for inservice inspections for Class 1, 2, 3 and MC components.

Summary of Commitments

This letter makes no new commitments and no revisions to existing commitments.



Scott Sharp  
Site Vice President, Prairie Island Nuclear Generating Plant  
Northern States Power Company – Minnesota

Enclosure

cc: Administrator, Region III, USNRC  
Project Manager, Prairie Island, USNRC  
Resident Inspector, Prairie Island, USNRC

**ENCLOSURE**

**FORM OAR-1, OWNER'S ACTIVITY REPORT FOR INSERVICE INSPECTION,  
FOR CLASS 1, 2, 3 AND MC COMPONENTS**

**2 pages follow**

# FORM OAR-1 OWNER'S ACTIVITY REPORT

## Prairie Island Nuclear Generating Plant

As required by the provisions of ASME Code Case N-532-5

Report Number 2R31

Plant Prairie Island Nuclear Generating Plant, 1717 Wakonade Drive East, Welch, Minnesota, 55089

Unit No. 2 Commercial service date 12/21/1974 Refueling outage no. 2R31

Current inspection interval 5<sup>th</sup> ISI Inspection Interval for class 1, 2, and 3. 3<sup>rd</sup> IWE Inspection Interval for class MC

Current inspection period 2<sup>nd</sup> ISI Inspection Period for class 1, 2, and 3. 1<sup>st</sup> IWE Inspection period for class MC

Edition and Addenda of Section XI applicable to the inspection plans 2007 Edition - 2008 Addenda for class 1, 2, and 3. 2013 Edition for class MC

Date and revision of inspection plans 3/12/19 Rev. 6 for class 1, 2, and 3. 4/05/19 Rev. 11 for class MC

Edition and Addenda of Section XI applicable to repair/replacement activities, if different than the inspection plans Same as Inspection Plan for class 1, 2, and 3. 2007 Edition - 2008 Addenda for class MC

Code Cases used for inspection and evaluation: N-513-4, N-532-5, N-716-1, N-770-2, N-805

### CERTIFICATE OF CONFORMANCE

I certify that (a) the statements made in this Owner's Activity 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 refueling outage number 2R31 conform to the requirements of Section XI.

Signed Thomas Osurning ISI Engineer Date 11-26-2019  
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 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 a loss of any kind arising from or connected with this inspection.

Deane R. Deaf Commissions NB 12085 N.I.R.  
Inspector's Signature (National Board Number and Endorsement)

Date December 03, 2019

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

Examination Category and Item Number	Item Description	Evaluation Description
B-P, B15.10	SP 2168.1 RCS Pressure Test	SV-37094 less than tsp dry, white BA acid at body to bonnet. Accepted by evaluation QIM 501000033934.
B-P, B15.10	SP 2392 Bolted Connections Borated Systems Pressure Test	CV-31229 1 tsp dry, white BA acid at body to bonnet. CV-31422 Trace dry BA and rust bottom of body flange. MV-32233 1 tsp dry white/brown BA at body to bonnet. Accepted by evaluation QIM 501000033304.
C-H, C7.10	SP 2392 Bolted Connections Borated Systems Pressure Test	MV-32208 1 tsp dry, white BA at body to bonnet seal weld. Accepted by evaluation QIM 501000033304.
C-H, C7.10	SP 2168.14 Containment Spray System Pressure Test	CS-45 Trace dry, white boric acid at body to bonnet. MV-32110 1 tsp dry, white boric acid at body to bonnet. Accepted by evaluation QIM 501000025759.

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

Code Class	Plant ID #	Item Description	Description of Work Completed	Date Completed	R/R Plan #
3	24-CL-16	CL System piping segment	Installed flush patch to restore pipe corroded due to MIC.	2/14/2018	2-30-001