



1717 Wakonade Drive  
Welch, MN 55089

January 3, 2022

L-PI-21-050  
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 R32 Owner's Activity Report for Class 1, 2, 3 and MC Inservice Inspections

Northern States Power Company, a Minnesota corporation, doing business as Xcel Energy (hereafter "NSPM"), hereby submits the Inservice Inspection Summary report for inspections conducted prior to and during the Prairie Island Nuclear Generating Plant (PINGP) refueling outage U2R32 that concluded on November 1, 2021.

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.

A handwritten signature in blue ink, appearing to read 'Christopher P. Domingos', written over a large, stylized blue circular mark.

Christopher P. Domingos  
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**

**3 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 2R32  
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. 2R32  
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. 2<sup>nd</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 8/23/21 Rev. 11 for class 1, 2, and 3. 2/24/20 Rev. 12 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-513-3, N-532-5, N-716-1, N-722-1, N-729-6,

### 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 2R32 conform to the requirements of Section XI.

Signed  NDE Level III Date December 02, 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 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.

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

Date December 02, 2021

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

Examination Category and Item Number	Item Description	Evaluation Description
B-E, B4.30	Reactor Vessel Closure Head	21 RX VESSEL, Non-relevant indications of debris, rust stains and streaks, surface corrosion. Accepted as non-relevant QIM 501000057111 and EC 608000000784
C-H, C7.10	SP 2168.3 RHR Pit Pressure Test	2RH-1-2, 1 tsp dry, white BA at body to bonnet. Accepted by evaluation QIM 501000056832.
C-H, C7.10	SP 2168.3 RHR Pit Pressure Test	2RH-1-4, 1 tsp dry, white BA at body to bonnet. Accepted by evaluation QIM 501000056832.
C-H, C7.10	SP 2168.3 RHR Pit Pressure Test	2RH-2-2, 2 cups, white / brown BA, body to bonnet. Accepted by removal and examination of one stud QIM 501000056832.
C-H, C7.10	SP 2168.3 RHR Pit Pressure Test	2RH-3-4, 1 tsp dry, white / brown BA, body to bonnet Accepted by evaluation QIM 501000056832.
C-H, C7.10	SP 2168.16 Chemical and Volume Control Pressure Test	2VC-28-2, Tbsp dry, white, at body to bonnet. Accepted by evaluation QIM 501000055889
C-H, C7.10	SP 2168.16 Chemical and Volume Control Pressure Test	2VC-28-3, Tbsp dry, white, at body to bonnet. Accepted by evaluation QIM 501000055889
F-A, F1.20c	Aux Feedwater Support	2-AFWH-74, Cold setting is not within the 10% +/- range. Accepted by evaluation QIM 501000057131 and EC 608000000803.
F-A, F1.30b	Cooling Water Support	2-CWH-36, Indication of corrosion. Accepted by evaluation QIM 501000056739 and EC 608000000803.
F-A, F1.30b	Cooling Water Support	2-CWH-605, Hanger rods are loose and not carrying load. Accepted by evaluation QIM 501000056653 and EC 608000000803.
F-A, F1.10c	Reactor Coolant Support	2-RRCH-264, Loose jam nut on the turnbuckle between the spring can and the cross member. Accepted by evaluation QIM 501000057258 and EC 608000000803.
F-A, F1.10c	Safety Injection Support	2-RSIH-345, Spring can misalignment. Accepted by evaluation QIM 501000057009 and EC 608000000803.
F-A, F1.40	Steam Generator Snubber Support	21S/G02, Part of the lock washer missing on the bottom left stud. Accepted by evaluation QIM 501000057130 and EC 608000000803.
F-A, F1.10b	Safety Injection Support	100-2SIS-3A, 0.3 in. Gap between the base plate and concrete wall. Non-relevant indication. QIM 501000056902 and EC 608000000803.

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 #
1	234-011	21 Steam Generator	Installed several tube plugs due to vibrational wear noted during ET.	11/11/2021	2-31-032
1	234-012	22 Steam Generator	Installed several tube plugs due to vibrational wear noted during ET.	11/11/2021	2-31-033
2	RS-21-14	21 SG MS HDR Relief Valve to Pipe Flange Fasteners	All studs used with Hydranuts will be replaced.	11/12/2021	2-31-036
2	RS-21-19	21 SG MS HDR Relief Valve to Pipe Flange Fasteners	All studs used with Hydranuts will be replaced.	11/12/2021	2-31-037
2	RS-21-20	21 SG MS HDR Relief Valve to Pipe Flange Fasteners	All studs used with Hydranuts will be replaced.	11/12/2021	2-31-038