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U.S. Nuclear Regulatory Commission
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Washington, DC 20555-0001

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

Inservice Inspection Summary Report Unit 2, Refueling Outage Dates: 10/13/2017 to 11/20/2017, Fuel Cycle 29: 12/07/2015 to 11/20/2017

During the 2017 Prairie Island Nuclear Generating Plant (PINGP) Unit 2 Refueling Outage (2R30), Inservice Inspection (ISI) examinations were performed for the first period of the fifth interval. Form OAR-1 Owner's Activity report (Enclosure 1) is being submitted for this time period as required by the American Society of Mechanical Engineers (ASME) Code Section XI, in accordance with the provisions of Code Case N-532-5, and is intended to satisfy the inspection reporting requirements.

The form includes a listing of items with flaws or relevant conditions that required evaluation for continued service (Table 1) and abstract of repair/replacement activities required for continued service (Table 2).

Summary of Commitments

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

A handwritten signature in black ink that reads 'Scott Sharp'.

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

Enclosure

cc: Regional Administrator, Region III, USNRC
Project Manager, Prairie Island, USNRC
Resident Inspector, Prairie Island, USNRC
State of Minnesota, Department of Commerce

ENCLOSURE

**FORM OAR-1 OWNER'S ACTIVITY REPORT for Unit 2, Interval 5, Period 1, Outage
2 Refueling Outage Dates: 10/14/2017 to 11/20/2017,
Fuel Cycle 29: 12/7/2015 to 11/20/2017**

2 page 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 2R30

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. 2R30

Current inspection interval 5th ISI Inspection Interval for class 1, 2, and 3. 2nd IWE Inspection Interval for class MC

Current inspection period 1st ISI Inspection Period for class 1, 2, and 3. 3rd 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. 2001 Edition - 2003 Addenda for class MC

Date and revision of inspection plans 10/9/17 Rev. 2 for class 1, 2, and 3. 11/05/12 Rev. 9 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-532-5, N-716-1, N-776, N-722-1, N-729-4

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 2R30 conform to the requirements of Section XI.

Signed Thomas Downing ISI Engineer Date 1-19-2018
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.

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

Date January 22, 2018

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 2392 Bolted Connections Borated Systems Pressure Test	CV-31229 Small white dry trace at Adapter. MV-32233 Brown dry crumbs Body to Bonnet. Accepted by evaluation QIM 501000004041.
C-H, C7.10	SP 2168.10 RHR System Pressure Test	2RH-2-1 Packing and Body to Bonnet indication accepted by evaluation QIM 501000005225. 2RH-2-2 Body to Bonnet indication accepted by removal and examination of one stud WO 700030059.
C-H, C7.10	SP 2168.16 Chemical and Volume Control system Pressure Test	2VC-28-2 White/Brown Dry indication on Gasket Areas accepted by evaluation QIM 501000005466
F-A, F1.30b	Sway Strut	2-CWH-604 Thread Engagement, Loose Jam nut and spherical bearing accepted by evaluation QIM 608000000140.
F-A, F1.30c	Double Spring Hanger	2-CWRH-1 Loose nut on the stud attaching a clevis to a lug accepted by evaluation QIM 608000000140.

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 #
MC	2PENC-EH	Equipment Door Hatch	Replaced the equipment hatch door alignment lugs at the 2 and 4 O'clock positions.	12/1/2017	2-29-012
1	2RC-8-37	Loop A RCS Shutdown Communication Line Vent	Replaced valve due to leakage noted at socket weld. Pipe support bent bar temporarily removed and reinstalled after valve installation.	1/2/2018	2-29-028
2	MV-32210	2 RCP Seal Return/Excess Letdown ISOL TRN B MV	Performed weld build up to restore the spherical surface of the male disc of the motor valve.	11/1/2017	2-29-031