



Entergy Nuclear Operations, Inc.
Palisades Nuclear Plant
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Regulatory Assurance Manager

PNP 2017-046

July 14, 2017

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

SUBJECT: ASME Section XI 90-Day Owner's Activity Report

Palisades Nuclear Plant
Docket 50-255
Renewed Facility Operating License No. DPR-20

Dear Sir or Madam:

In accordance with the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, Section XI, Code Case N-532-5, *Repair/Replacement Activity Documentation Requirements and Inservice Inspection Summary Report Preparation and Submission, Section XI, Division 1*, Entergy Nuclear Operations, Inc. (ENO) herein submits the Owner's Activity Report for the Palisades Nuclear Plant (PNP). The report contains a listing of one examination with indications that required evaluation for continued service, and an abstract of seven repair/replacement activities that were required for continued service. These activities were performed during the PNP twenty-fifth fuel cycle and the subsequent 2017 refueling outage (1R25). The PNP refueling outage was completed on May 17, 2017.

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

Sincerely,

A handwritten signature in blue ink, appearing to read "JAH".

JAH/jpm

Enclosure: Palisades Nuclear Plant Form OAR-1 Owner's Activity Report

cc: Administrator, Region III, USNRC
Project Manager, Palisades, USNRC
Resident Inspector, Palisades, USNRC

Enclosure to PNP 2017-046

Palisades Nuclear Plant

Form OAR-1

Owner's Activity Report

2 pages follow

FORM OAR-1 OWNERS ACTIVITY REPORT

Report Number: PLP-1R25-OAR-1

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Plant: Palisades Nuclear Plant

Unit No: 1 Commercial Service Date: 12/31/1971 Refueling Outage No.: 1R25
(if applicable)

Current Inspection Interval: 5th
(1st, 2nd, 3rd, 4th, Other)

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

Edition and Addenda of Section XI applicable to the Inspection Plans:

ISI related activities related to Pressure Testing (PT), and Nondestructive Examination (NDE) are to ASME BPV Code, Section XI 2001 Edition through the 2003 Addenda

ISI program related activities related to class 1, 2, and 3 components and supports to the ASME BPV Code, Section XI, 2007 Edition with the 2008 Addenda

Date and Revision of Inspection Plans: IWB, IWC, IWD, IWF: 12/8/2015 Revision 3

Edition and Addenda of Section XI applicable to repair/replacement activities, if different than the Inspection Plans: ASME BPV Code, Section XI 2001 Edition through the 2003 Addenda

Code Cases used for inspection and evaluation: N-532-5, N-716-1, N-722-1, N-729-1, N-770-1
(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 1R25 conform to the requirements of Section XI.
(refueling outage number)

Signed: [Signature] R/R Eng Date: 6/29/17
Owner or Owner's Designee, Title
MaKara ISI Engineer 6/30/17

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 INSPECTORS AND INSURANCE COMPANY 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 loss of any kind arising from or connected with this inspection.

[Signature] A. Roman Commissions: 14594 NIR
Inspector's Signature (National Board Number and Endorsement)

Date: 7/10/2017

FORM OAR-1 OWNERS ACTIVITY REPORT

Report Number: PLP-1R25-OAR-1

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Plant: Palisades Nuclear Plant

Unit No: 1 Commercial Service Date: 12/31/1971 Refueling Outage No.: 1R25
 (if applicable)

TABLE 1: ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT REQUIRED EVALUATION FOR CONTINUED SERVICE		
Examination Category and Item Number	Item Description	Evaluation Description
ASME Code Case N-729-1 Code Item B4.10	N-50 Reactor Vessel Closure Head Class 1	CR-PLP-2017-02260 - Indications of boron staining, scaling, and general corrosion. Evaluation determined the component was acceptable for continued service in accordance with N-729-1, Paragraph 3142.1.

TABLE 2: ABSTRACT OF REPAIR/REPLACEMENT ACTIVITIES REQUIRED FOR CONTINUED SERVICE				
Code Class	Item Description	Description of Work	Date Completed	Repair/Replacement Plan Number
1	E-50A, "A" Steam Generator	Mechanically plug 25 tubes due to indications found during Eddy Current Testing.	5/8/17	PLP52676055 Rev 1
1	E-50B, "B" Steam Generator	Mechanically plug 3 tubes due to indications found during Eddy Current Testing.	5/8/17	PLP52676054 Rev 1
2	RV-0704, Main Steam Relief Valve	Replace valve disc due to minimum thickness not being acceptable after lapping.	5/16/17	PLP52676641 Rev 1
2	RV-0719, Main Steam Relief Valve	Replace valve nozzle due to cracking across seating surfaces. Replacement of nozzle included performing seal weld of nozzle to valve body.	5/16/17	PLP52676642 Rev 1
2	RV-0720, Main Steam Relief Valve	Replace valve nozzle due to cracking in nozzle land. Replacement of nozzle included performing seal weld of nozzle to valve body.	5/16/17	PLP52676639 Rev 1
3	HB-23 Service Water Downstream of MV-SW264, Containment Building Fire Water Supply	Replace section of pipe downstream of valve due to pin hole leak.	5/4/17	PLP00427975 Rev 1
3	K-6B, Emergency Diesel Generator 1-2	Replace broken turbocharger support bolt	12/22/16	PLP00462083