



Entergy Nuclear Operations, Inc.
Palisades Nuclear Plant
27780 Blue Star Memorial Highway
Covert, MI 49043
Tel 269 764 2000

Paula Anderson
Licensing Manager

July 27, 2009

ASME, Section XI, Article IWA-6000

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

SUBJECT: ASME Section XI 90-Day Inservice Inspection Summary Report 2009

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

Dear Sir or Madam:

Entergy Nuclear Operations, Inc (ENO) is enclosing the Palisades Nuclear Plant (PNP) Owner's Activity Report in accordance with the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, Section XI, Article IWA-6000, and ASME Code Case N-532-4. The report contains abstracts of one non-destructive examination indication and two repair/replacement activities completed at PNP during the twentieth fuel cycle and 2009 refueling outage that were required for continued service. ENO completed the PNP refueling outage on May 2, 2009.

Summary of Commitments

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

Sincerely,

A handwritten signature in black ink, appearing to read "P. Anderson", with a long horizontal line extending to the right.

pka/jlk

Attachment: 1. Palisades Nuclear Plant Repair/Replacement Certification Records and Owner's Activity Report

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

ATTACHMENT 1

PALISADES NUCLEAR PLANT

OWNER'S ACTIVITY REPORT

3

Two pages follow

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number PLP-1R20-OAR-1

Plant PALISADES NUCLEAR PLANT

Unit No. 1 Commercial service date 12/31/1971 Refueling outage no. 1R20
(if applicable)

Current inspection interval 4th
(1st, 2nd, 3rd, 4th, other)

Current inspection period 1st
(1st, 2nd, 3rd)

Edition and Addenda of Section XI applicable to inspection plans 2001 with 2003 Addenda

Date and revision of inspection plans 04/06/2009, Revision 18

Edition and Addenda of Section XI applicable to repair/replacement activities, if different than the inspection plans NA

Code Cases used: N-460, N-532-4, N-566-2, N-524, N-629, N-639 with conditions in Regulatory Guide 1.147 Revision 15, N-663, N-695, N-722 in accordance with 10CFR50.55a, N-729-1 in accordance with 10CFR50.55a
(if applicable)

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 supporting the completion of 1R20 conform to the requirements of Section XI.
(refueling outage number)

Signed Donald A. Bania Date 7/20/09
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 the State or Province of MICHIGAN and employed by HSB GLOBAL STANDARDS of CT have inspected the items described in this Owners 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] Commissions NB 13112 SBI AN, I, C
Inspector's Signature National Board, State, Province, and Endorsements

Date 20 JUL 09

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

Examination Category and Item Number	Item Description	Evaluation Description
C-F-1 C5.11	ESS-24-SIS-SH2-207 Check Valve CK-ES3166 to Tee (Weld overlaid in 1994). Augmented inspection.	Subsurface transverse linear indication in overlay material. 0.75" long x 0.055" deep, 0.225" from surface. Less than max. allowable a/t. Acceptable.

**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	HB-23 2" service water line to air compressor C-2C aftercooler E-18C	Replace carbon steel pipe due to plugging (MIC, sand, and silt). Work Order 159746	08/21/2008	PLP00159746R1
3	HBC-42 and HBC-43 3" critical service water lines to and from Control Room HVAC VC-10	Replace carbon steel with stainless steel pipe due to plugging (MIC, sand, and silt). Work Order 51612611	04/03/2009	PLP51612611