



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

Paula K Anderson
Licensing Manager

PNP 2011-006

January 25, 2011

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

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 applicable code cases. The report contains abstracts of one non-destructive examination indication and six repair/replacement activities that were required for continued service. These repairs were performed at PNP during the twenty-first fuel cycle and 2010 refueling outage. ENO completed the PNP refueling outage on October 29, 2010.

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

Sincerely,

BE Watson for pka

pka/tad

Attachment: 1. Palisades Nuclear Plant 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

2 pages follow

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number PLP-1R21-OAR-1

Plant PALISADES NUCLEAR PLANT

Unit No. 1 Commercial service date 12/31/1971 Refueling outage no. 1R21
(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 10/26/2010, Revision 19

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-624, N-629, N-639 with conditions in Regulatory Guide 1.147 Revision 15, N-663, N-695, N-706, 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 1R21 conform to the requirements of Section XI.
(refueling outage number)

Signed Donald A. Berna Date 01/21/2011
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 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 loss of any kind arising from or connected with this inspection.

[Signature] Commissions NB 1312 ANIC MI 300521
Inspector's Signature National Board, State, Province, and Endorsements

Date 24 JAN 2011

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. Previously identified. No evidence of degradation in 2010.

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	RV-1041, Pressurizer Safety Relief Valve	Disassemble, inspect, repair valve for valve test program. Replaced inlet nozzle due to insufficient tongue length for surface machining. Replaced fasteners due to shipping damage. Work Order 00199860	10/27/2010	PLP00199860R2 fastener replacement. PLP00199860R3 nozzle replacement
1	CV-1059, Pressurizer Spray Valve from RCS Loop 2A	Disassemble, inspect, repair valve due to packing leakage. Replaced bonnet fasteners due to boric acid degradation. Work Order 00236061	10/28/2010	PLP00236061
2	SNB-70, Snubber for CC-4-12" Line from Safety Injection Tank T-82D	Snubber service life replacement. Old snubber failed performance test. Work Order 00199959	10/12/2010	PLP00199959
3	HBC-40-6", Suction Line to Auxiliary Feedwater Pump P-8C	Perform OD weld buildup (not overlay) on externally corroded carbon steel pipe. Corrosion was caused by dripping from a fire valve above the pipe. Work Order 00180720	10/20/2010	PLP00180720R2
3	MV-SW135, CCW Heat Exchanger E-54A Service Water Outlet Bypass Valve CV-0823 Isolation	Replace valve inlet flange due to internal impingement wear. Work Order 00253009	10/21/2010	PLP00253009-3
3	CV-0825, Service Water Inlet to Safeguards Cooler VHX-27A	Replace valve body studs and nuts corroded by external condensation. Work Order 00152134	04/17/2010	PLP00152134