



Entergy Nuclear Operations, Inc.
Palisades Nuclear Plant
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Otto W Gustafson
Licensing Manager

PNP 2012-069

August 3, 2012

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:

In accordance with the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, Section XI, Article IWA-6000, "Records and Reports," and applicable code cases, attached is the Entergy Nuclear Operations, Inc. (ENO) Owner's Activity Report for the Palisades Nuclear Plant (PNP). The report contains a listing of seven examination indications that required evaluation for continued service, and an abstract of six repair replacement activities that were required for continued service. These activities were performed during the twenty-second fuel cycle and the 2012 refueling outage. ENO completed the PNP refueling outage on May 12, 2012.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Otto W Gustafson", with a long horizontal stroke extending to the right.

owg/jlk

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

3 pages follow

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number PLP-1R22-OAR-1

Plant PALISADES NUCLEAR PLANT

Unit No. 1 Commercial service date 12/31/1971 Refueling outage no. 1R22
(if applicable)

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

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

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

Date and revision of inspection plans 01/12/2011, Revision 20

Edition and Addenda of Section XI applicable to repair/replacement activities, if different than the inspection plans Not Applicable

Code Cases used: N-460, N-513-2, N-532-4, N-566-2, N-624, N-629, N-663, N-695, N-705, N-706.
N-639 with conditions in Regulatory Guide 1.147 Revision 16.
N-722-1, N-729-1, and N-770-1 as required with conditions, 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 1R22
(refueling outage number) conform to the requirements of Section XI.

Signed [Signature] / Sr. Eng Date 7/31/12
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.

Inspector's Signature [Signature] Commissions NB1312 ANIC ME521
National Board, State, Province, and Endorsements
Date 1 AUG 12

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	Reactor Vessel Closure Head	Indications of boron staining, scaling, and general corrosion. Acceptable for continued service in accordance with N-729-1, Paragraph 3142.3.
Category B-F Code Item B5.40 ASME Code Case N-770-1 Inspection Item A-1	PCS-4-PRS-1P1-1 Power Operated Relief Valve Safe End to Nozzle Weld Class 1, NPS 4	UT indication of a non-service induced discontinuity in the carbon steel nozzle base metal, with no significant measurable dimension in the through-wall direction. Acceptable.
Category B-J Code Item B9.21 ASME Code Case N-770-1 Inspection Item B	PCS-2-LDL-2B1-1 Letdown Nozzle to Pipe Weld Class 1, NPS 2	UT indication of a non-service induced weld discontinuity, with no significant measurable dimension in the through-wall direction. Acceptable.
Category C-H Code Item C7.10 Exempt under IWC-1221(c)	T-58 Safety Injection Refueling Water Tank Class 2, Statically Pressurized	Leakage from tank. Evaluation in accordance with ASME Code Case N-705.
Category D-B Code Item D2.10	Service Water Elbow Class 3	Leakage through elbow pressure boundary. Evaluation in accordance with ASME Code Case N-513-2. Leaking elbow was replaced.
Category F-A Code Item F1.10A	ESS-2-SIS-1B1-7PR(H-780) High Pressure Safety Injection Pipe Restraint Class 1, NPS 2	Vertical hanger rod in contact with an adjacent pipe. Evaluation determined that restraint remained operable. Acceptable.
Category F-A Code Item F1.30B	DMW-6-CST-AWS-PSS1(H1.2) Auxiliary Feed Suction Pipe Restraint Class 3, NPS 6	Moderate to heavy rust with flaking and thickness reduction due to flooding. Evaluation determined that restraint remained operable. 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
1	E-50A, "A" Steam Generator	Plug 38 tubes due to indications found during Eddy Current Testing. WO 52325944	4/25/12	PLP52325944
1	E-50B, "B" Steam Generator	Plug 11 tubes due to indications found during Eddy Current Testing. WO 52325951	4/24/12	PLP52325951
2	RV-0719, Main Steam Relief Valve	Disassemble, inspect, replace valve nozzle due to indication found in nozzle seating surface. Replacement of nozzle included performing seal weld of nozzle to valve body. WO 00260093	5/10/12	PLP00260093 Rev 1
2	T-58, Safety Injection and Refueling Water Tank	Inspect tank bottom welds for leaks and repair. Welded patch plate over drain Nozzle N due to obstructions observed in nozzle piping and being suspected leak path. Fasteners on both top and side manways were replaced due to damage noted during previous refueling outage 1R21. WO 00306107	5/3/12	PLP00306107 Rev 1 PLP00306107A Rev 1
2	SNB-70, Snubber for CC-4-12" Line from Safety Injection Tank T-82D	Snubber was replaced in 1R21 and the removed snubber failed as found testing. Snubber was replaced again in 1R22 to allow for required as found testing. WO 00257396	4/20/12	PLP00257396 Rev 1
3	HB-23-16" piping downstream of CV-0824, Service Water from Containment	Replace elbow downstream of CV-0824 due to pin hole leaks in elbow. Downstream side flange to CV-0824, piping between flange and elbow, and section of piping between elbow and 24" discharge header were also replaced. As part of this R/R activity, four cap screws for CV-0824 were replaced with longer screws to accommodate an insulating gasket. WO00282307	5/1/12	PLP00282307 Rev 2