

April 24, 2008

Mr. Christopher J. Schwarz
Vice President, Operations
Entergy Nuclear Operations, Inc.
Palisades Nuclear Plant
27780 Blue Star Memorial Highway
Covert, MI 49043-9530

SUBJECT: PALISADES NUCLEAR PLANT
NOTIFICATION OF NRC TI-172 INSPECTION AND REQUEST FOR
INFORMATION

Dear Mr. Schwarz:

On May 19, 2008, the NRC will begin the inspection for Temporary Instruction 2515/172, "Reactor Coolant System Dissimilar Metal Butt Welds", at the Palisades Nuclear Plant. This on-site inspection is scheduled to be performed May 19 through May 23, 2008, and June 2 through June 6, 2008.

In order to minimize the impact to your on-site resources and to ensure a productive inspection we have enclosed a request for documents needed for this inspection. These documents should be available to the inspector upon arrival at the site. It is important that all of these documents are up-to-date, and complete, in order to minimize the number of additional documents requested during the on-site portions of the inspection.

We have discussed the schedule for these inspection activities with your staff and understand that our regulatory contact for this inspection will be Ms. B. Dotson, of your organization. If there are any questions about this inspection or the material requested, please contact the lead inspector Mr. D. Jones at (630) 829-9622.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public Document

C. Schwarz

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Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Sincerely,

/RA/

David E. Hills, Chief
Engineering Branch 1
Division of Reactor Safety

Docket No. 50-255
License No. DPR-20

Enclosure: TI-172 Inspection Document Request

cc w/encl: Senior Vice President
Vice President Oversight
Senior Manager, Nuclear Safety & Licensing
Senior Vice President and COO
Assistant General Counsel
Manager, Licensing
W. DiProfio
W. Russell
G. Randolph
Supervisor, Covert Township
Office of the Governor
T. Strong, Chief, State Liaison Officer, State of Michigan
Michigan Department of Environmental Quality -
Waste and Hazardous Materials Division
Michigan Office of the Attorney General

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Division of Reactor Safety

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cc w/encl: Senior Vice President
Vice President Oversight
Senior Manager, Nuclear Safety & Licensing
Senior Vice President and COO
Assistant General Counsel
Manager, Licensing
W. DiProfio
W. Russell
G. Randolph
Supervisor, Covert Township
Office of the Governor
T. Strong, Chief, State Liaison Officer, State of Michigan
Michigan Department of Environmental Quality -
Waste and Hazardous Materials Division
Michigan Office of the Attorney General

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NAME	DJones		DHills				
DATE	04/24/08:ls		04/24/08				

OFFICIAL RECORD COPY

Letter to Mr. Christopher J. Schwarz from Mr. David E. Hills dated April 24, 2008

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NOTIFICATION OF NRC TI-172 INSPECTION AND REQUEST FOR
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TEMPORARY INSTRUCTION 2515/TI-172 REQUEST FOR INFORMATION

Inspection Dates: May 19 through May 23, 2008, and June 2 through June 6, 2008

Inspection Procedures: Temporary Instruction 2515/TI-172, "Reactor Coolant System Dissimilar Metal Butt Welds"

Inspectors: Don Jones (630) 829-9622
donald.jones@nrc.gov

I. *Information Requested By May 19, 2008*

The following information is requested to be available and ready for review by the start of the on-site inspection, scheduled for May 19, 2008. This information is requested for our inspection in accordance with TI-172. If you have any questions regarding this information, please call the inspector as soon as possible.

1. MRP-139 Inspections and Schedules

For Dissimilar Metal Butt Welds (DMBW's) determined to be in the scope of MRP-139 and not identified as Category A, please provide:

- a. Inspection schedule(s) listing the DMBW's determined to be in the scope of MRP-139 showing the ultrasonic and visual examination completed and planned for the future:
 - The date of the examination completed or planned should be clearly identified;
 - Identify ultrasonic examinations with indications; and
 - For any ultrasonic examinations provide information on the percentage of the required volume achieved for completed exams or expected for future exams.
- b. For ultrasonic examinations, provide copies of the following documents:
 - Ultrasonic procedure used;
 - Ultrasonic examination data report;
 - PDI qualification summary sheets for the ultrasonic procedures used;
 - PDI qualifications sheets for the personnel completing the examination;

TEMPORARY INSTRUCTION 2515/TI-172 REQUEST FOR INFORMATION

- Scan plans and other supporting documentation used for the exam; and
 - Relief Requests approved for the UT exam conducted.
2. Mitigation activities completed or planned, including dates
 - a. Identify any mitigation activities that required repairs;
 - b. Document which identifies the MRP-139 category and the basis for the category for each weld;
 - c. Clearly identify if any welds are categorized as H or I;
 - d. Plans for mechanical stress improvement activities; and
 - e. Approved or planned deviations from MRP-139 requirements, including their basis.
 3. Drawings
 - a. Flow diagrams for the Reactor Coolant system showing or referencing piping specifications;
 - b. Applicable piping specifications as referenced on the drawing identified in (a) above;
 - c. Fabrication drawing showing weld details for the pressurizer nozzle to pipe welds, reactor coolant pump nozzle to pipe welds, and reactor coolant piping branch connection welds where material specification changes take place; and
 - d. Vendor document or reports that provide additional details or supporting information for determining if MRP-139 requirements are applicable to the weld.

II. Supporting Documents

1. NRC approved ASME Code Relief Requests applicable to inspections or mitigations completed to meet MRP-139 requirements.
2. List with description of DMBW or MRP-139 related issues or errors entered into your corrective action system since MRP-139 was issued.

If you have questions regarding the information requested, please contact the lead inspector.