

FGE



Portland General Electric Company
Trojan Nuclear Plant
P O Box 434
Rainier Oregon 97048

POOR ORIGINAL

Maluros

October 22, 1979
CPY-450-79

Mr. R. H. Engelken, Director
US Nuclear Regulatory Commission
1990 North California Blvd.
Walnut Creek, CA 94596

Dear Sir:

This letter is a follow-up to a report made by F. H. Lamoureaux, Assistant General Manager, to M. Maluros, NRC Resident Inspector, at 7:00 PM on Friday, October 19, 1979, concerning a situation where, in performing an inspection pursuant to IE Bulletin 79-02, we found a pipe restraint on the spent fuel pool cooling system that was inadequate to support the loading experienced during a Safe Shutdown Earthquake. The failure of this support could result in exceeding yield stress in the common suction line from the normal residual heat removal letdown path. This would result in the loss of capability of both residual heat removal pumps from taking suction from the reactor coolant system and the refueling water storage tank.

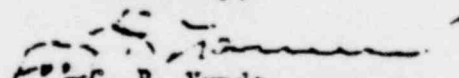
This discovery was made at the same time as inspections were being performed in accordance with IE Bulletin 79-14. It was ascertained that other piping restraints on the same wall could potentially fail. Immediate inspections were implemented to investigate any similar support problems in the facility.

The plant is presently in cold shutdown (Mode 5). Procedures have been instituted which will maintain the reactor core cool in the event of a Safe Shutdown Earthquake and consequent loss of the subject line.

For equipment and systems that are required by the technical specifications to be operable for each mode, we will ensure that corrective action is completed before each mode change is made.

This occurrence will be reported to the Nuclear Regulatory Commission as a licensee event report in accordance with our established technical specifications.

Sincerely,


C. P. Yundt
General Manager

CPY/CG:cb
c: LER Distribution

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UNITED STATES
 NUCLEAR REGULATORY COMMISSION
 REGION V
 1990 N. CALIFORNIA BOULEVARD
 SUITE 202, WALNUT CREEK PLAZA
 WALNUT CREEK, CALIFORNIA 94595

COPY TO
 1. CHIEF OF BUREAU
 2. GEN. MGR

October 22, 1979

Docket No. 50-344

Portland General Electric Company
 121 S. W. Salmon Street
 Portland, Oregon 97204

POOR ORIGINAL

Attention: Mr. Charles Goodwin, Jr.
 Assistant Vice President

Gentlemen:

This letter relates to the steam generator tube defects and the concrete block wall-pipe hanger structural problems discussed by telephone between Mr. W. J. Lindblad and others of your staff and Mr. J. L. Crews of this office and other NRC personnel on October 22, 1979.

Based on this discussion, it is our understanding that you are to take the following actions:

1. Prior to plugging the leaking tubes in the "A" and "D" steam generators, you will provide the NRC with the results of your investigation to determine the cause(s) of the defects identified.
2. Prior to the resumption of power operation, you will provide the NRC with your basis for concluding that operation of the plant relative to the steam generators can be safely resumed.
3. You will complete an evaluation of all safety related pipe supports and restraints which are anchored in concrete block walls similar to RHR restraint No. 83 reported by you as being defective on October 19, 1979. The purpose of this evaluation is to determine if any additional piping supports or restraints are not adequate to meet design basis conditions.
4. Prior to resuming reactor power operation, you will provide the NRC with written confirmation that the evaluation of item 3 above has been completed, and that any necessary modifications and/or repairs have been satisfactorily completed.

Should our understanding as stated above not be correct, you should notify this office promptly in writing.

Sincerely,

R. H. Engelken
 R. H. Engelken
 Director

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cc: D. J. Droehl, PGE

FACILITY	NOTIFICATION	ITEM OR EVENT	REGIONAL ACTION
PORTLAND GENERAL ELECTRIC CO. TROYAN DN 50-344	TELEPHONE CALL FROM LICENSEE ON 10/22/79.	UPDATE ON PNO-V-79-5 DATED 10/19/79: THE LICENSEE HAS COMMENCED FABRICATION OF MODIFIED PIPE RESTRAINT SUPPORTS FOR THE RHR SUCTION LINE. ADDITIONAL EVALUATION OF SIMILAR WALLS AND SUPPORTS IS UNDERWAY AND SHOULD BE COMPLETED BY 10/29/79. THE FINAL PREPARATION TO PLUG THE LEAKING TUBES IN THE "A" AND "D" STEAM GENERATORS HAS BEEN COMPLETED. THE LICENSEE WILL PROVIDE TEST RESULTS TO NRC PRIOR TO COMMENCING PLUGGING OPERATIONS. THE LICENSEE HAS CONDUCTED EDDY CURRENT TESTING AND HAS ATTEMPTED TO MEASURE THE OVALITY OF THE TUBES USING A SPHERICAL GAUGE SETUP. RESULTS HAVE BEEN INCONCLUSIVE TO DATE.	AN IMMEDIATE ACTION WAS TRANSMITTED TO LICENSEE BY REGION 10/22/79. THIS LETTER CONFIRMS THE LICENSEE'S COMMITMENT TO PROVIDE NRC INFORMATION RE TO THE PIPE RESTRAINT PROBLEM AND THE STEAM GENERATOR TUBE INSPECTION PRIOR TO RESUMING OPERATION.

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