

50-4260

MEMORANDUM FOR: Harold R. Denton, Director
Office of Nuclear Reactor Regulation

Frank J. Miraglia, Director
Division of PWR Licensing-B

FROM: William D. Travers, Director
TMI-2 Cleanup Project Directorate

SUBJECT: HRC TMI-2 CLEANUP PROJECT DIRECTORATE WEEKLY STATUS
REPORT FOR January 6 - 16, 1987

1. DEFUELING

- Fuel removal continued at a rate of approximately a canister per day using the spade bucket tool. The last of the large sections of broken drill string was removed and placed in a canister. The remaining section of broken drill string is not large enough (approximately 12 inches) to present a significant interference with defueling.
- Testing of the organic polymer coagulants in conjunction with diatomaceous earth filter aid in the Defueling Water Cleanup System (DWCS) was successfully completed. The system is now in full operation and has resulted in significant improvement in DWCS filter performance and improved water clarity. The improvement in underwater visibility should greatly enhance defueling operations and assessment of the remaining core conditions.

2. ENVIRONMENTAL MONITORING

- US Environmental Protection Agency (EPA) sample analysis results show that TMI site liquid effluents are in accordance with regulatory limits, NRC requirements, and the City of Lancaster Agreement.
- TMI water effluents are sampled from the station (Units 1 and 2) discharge and analyzed by EPA. Gamma spectrum analyses of the seven daily composited samples December 28, 1986 - January 3, 1987 indicated no TMI-2 related radioactivity.
- EPA's gamma spectrum analysis of the NRC's TMI outdoor air sample for this reporting period has not been completed.
- The Lancaster water works intake composited seven daily samples December 28, 1986 - January 3, 1987. The gamma spectrum analyzed by EPA showed no reactor related radioactivity.

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3. AUXILIARY AND FUEL HANDLING BUILDING ACTIVITIES

- Reclamation of Defueling Water Cleanup System (DWCS) filters continues.
- Preparation and loading of the fuel shipping cask continued during the week.
- Testing of the Auxiliary Sump Transfer and Sump Solidification Systems has resumed.
- Diesel generator room scabbling will begin next week.
- Robot "Louie 2" will be installed in the Seal Injection Valve Room for decontamination activities next week.

4. NRC EVALUATIONS IN PROGRESS

- Technical Specification Change Request numbers 49, 51, 53, and 54.
- Recovery Operations Plan Change numbers 31 and 33.
- Solid Waste Facility Technical Evaluation Report.
- Heavy Load Safety Evaluation Report, Revision 3.
- Disposal of Processed Water Report.
- Safety Evaluation Report for Use of Plasma Arc Cutting Torch.
- Temporary Reactor Vessel Filtration System Safety Evaluation Report, Revision 3.
- Pressurizer Defueling Safety Evaluation Report.

5. MEETINGS

- The next meeting of the Advisory Panel for the Decontamination of Three Mile Island Unit 2 will be held on January 21, 1987 from 7:00 to 10:00 PM at the Lancaster Council Chambers, Public Safety Building, 101 North Duke Street, Lancaster, PA. The NRC staff will discuss the Draft Environmental Impact Statement on the disposal of accident-generated water.

Persons desiring to speak before the Advisory Panel are requested to contact Mr. Thomas Smithgall at 717-291-1042, or write him at 2121 Marietta Avenue, Lancaster, PA 17603.

- Dr. William D. Travers and Michael T. Mashik of the TMI Cleanup Project Directorate met with members of the TMI Alert and Susquehanna Valley Alliance organizations on January 14, 1987 to discuss the NRC staff's recently issued Draft Environmental Impact Statement related to disposition of accident-generated water.

ORIGINAL SIGNED BY,
William D. Travers

William D. Travers
Director
TMI-2 Cleanup Project Directorate

OFFICE						
SURNAME						
DATE						

Harold R. Denton
Frank J. Nireglia

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January 16, 1987
NRC/TMI-87-005

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TMI-2 Project Section File

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DATE	1/16/87	1/16/87	1/16/87	1/ /87			