

November 24, 1986
NRC/TMI-86-109

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: NRC TMI-2 CLEANUP PROJECT DIRECTORATE WEEKLY STATUS
REPORT FOR NOVEMBER 17 - 23, 1986

1. DEFUELING

- Topographic mapping and video examination of the reactor core debris bed were done November 22, 1986. These are the first examinations after the bulk core drilling.
- Samples of the drilled debris bed were placed in canisters for early shipment to the Idaho National Engineering Laboratory. Some chunks of material have weighed 200 - 300 pounds.
- The first attempt at removing broken drill bits and drill string were unsuccessful. These pieces will be handled as they are encountered.
- Fuel debris loading will begin this week.

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 (November 1 - 8, 1986) indicated no TMI-2 related radioactivity.
- EPA's gamma spectrum analysis of the NRC's TMI outdoor air sample for November 13 - 20, 1986 showed no reactor related radioactivity.
- The Lancaster water works intake composited seven daily samples (November 2 - 8, 1986) 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.
- Fuel handling building ventilation system modifications are in progress.
- Pre-operational tests of the DWCS and Sediment Transfer systems are in progress.
- Fuel canister preparation for shipment is in progress.
- Preparations and initial data collection are in progress for a gross flush of the reactor building basement.
- Installation of an ultraviolet light/hydrogen peroxide device for water treatment has begun.

4. NRC EVALUATIONS IN PROGRESS

- Technical Specification Change Request numbers 49, 51, 52, 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.

5. MEETINGS

- The next meeting of the Advisory Panel for the Decontamination of Three Mile Island Unit 2 will be held on December 10, 1986 at the Holiday Inn, Center City, Harrisburg, PA.

Persons desiring to speak before the Advisory Panel are requested to contact Mr. Thomas Smithgall at 717-291-1042, or write him at 2122 Marietta Avenue, Lancaster, PA 17603.

ORIGINAL SIGNED BY:

William D. Travers
William D. Travers
Director
THI-2 Cleanup Project Directorate

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Harold R. Denton
Frank J. Miraglia

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