

January 26, 1987  
NRC/TMI-87-008

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 January 17 - 25, 1987

1. DEFUELING

- Fuel removal continued at a normal rate, a canister per day, using the spade bucket tool.
- Installation of the Airlift Defueling System began the latter portion of the week. Operations using this system are expected to begin during the week of January 25.

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 for January 3 - 10, 1987 indicated no TMI-2 related radioactivity.
- EPA's gamma spectrum analysis of the NRC's TMI outdoor air sample for the period January 4 - 10, 1987 showed no reactor related radioactivity.
- The Lancaster water works intake composited seven daily samples January 4 - 10, 1987. The gamma spectrum analyzed by EPA showed no reactor related radioactivity.

3. AUXILIARY AND FUEL HANDLING BUILDING ACTIVITIES

- Preventive maintenance of the fuel shipping cask support equipment continued. Preparation and loading of the cask is expected to begin next week.

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- Testing of the Auxiliary Sump Transfer and Sump Solidification System has resumed.
- Diesel generator basement scrubbing continues.
- Robot "Louis 2" was used in scrubbing of Seal Injection Valve Room during the weekend.

#### 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.
- Temporary Reactor Vessel Filtration System Safety Evaluation Report, Revision 3.
- Pressurizer Defueling Safety Evaluation Report.

#### 5. MEETINGS

- The Advisory Panel for the decontamination of Three Mile Island Unit 1 met on January 11, 1987 from 7:00 to 10:00 PM at the Lancaster Council Chambers, Public Safety Building, 201 North Duke Street, Lancaster, PA. The NRC staff discussed the Draft Environmental Impact Statement on the disposal of accident-generated water. Several individuals from the public spoke before the panel on issues of concern regarding the proposed water disposal.

The next Advisory Panel meeting is tentatively scheduled for February 26, 1987. This meeting will include further public discussion of the proposed disposal of the accident-generated water. Exact date, time, and location of the meeting will be announced in the future.

original signed by  
John Thomas for:

William D. Travers  
Director  
TOL-2 Cleanup Project Directorate

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Harold R. Santos  
Frank A. Miraglia

January 16, 1987  
NRC/TM-87-005

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