

May 22, 1987  
NRC/TMI-87-043

MEMORANDUM FOR: Dennis M. Crutchfield, Director  
Division of Reactor Projects - III, IV, V & Special Projects

Frank Schroeder, Jr., Assistant Director  
Region IV Reactors and Special Projects

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

SUBJECT: NRC TMI-2 CLEANUP PROJECT DIRECTORATE WEEKLY STATUS  
REPORT FOR MAY 18 - 22, 1987

### 1. DEFUELING

- Pick and place defueling continued. Two partial fuel assemblies C-8 and B-3 were removed using the core debris digger.
- Five canisters were loaded and three canisters, including one previously loaded were transferred to the spent fuel pool.

### 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 May 2 - 9, 1987 indicated no TMI-2 related radioactivity.
- The water works for the City of Lancaster composited seven daily samples from May 3 - 9, 1987. EPA's gamma spectrum analysis of the composite sample showed no reactor related radioactivity.

### 3. DECONTAMINATION ACTIVITIES

- Decontamination efforts have been successfully completed in the Westinghouse Valve Room located on the 281' elevation of the Fuel Handling Building and in the Fuel Handling Building 305' elevation East Corridor.
- Decontamination efforts have been successfully completed in the "A" Diesel Generator Building basement and sump.
- Robot desludging in the Reactor Building basement continues. The dewatered sludge is being held in the modified spent resin storage tanks in the Auxiliary Building basement.

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4. NRC EVALUATIONS IN PROGRESS

- Technical Specification Change Requests 52, 53 and 56.
- Solid Waste Facility Technical Evaluation Report.
- Heavy Load Safety Evaluation Report, Revision 3.
- Processed Water Disposition Proposal.
- Safety Evaluation Report for Use of Plasma Arc Cutting Torch.
- Pressurizer Defueling Safety Evaluation Report.
- Safety Evaluation Report for Defueling of the Core Support Assembly.
- Environmental Evaluation of the Post-Defueling Monitored Storage Proposal.
- Canister Handling and Preparation for Shipment Safety Evaluation Report, Revision 4.
- Organization Plan Change Request 15.
- Defueling Water Cleanup System Technical Evaluation Report Annual Update.
- Defueling Canister Technical Evaluation Report Annual Update.
- Recovery Operations Plan Change Request 41.

5. PUBLIC MEETINGS

The next meeting of the Advisory Panel for the Decontamination of Three Mile Island Unit 2 will be held on June 10, 1987 from 7:00 - 10:00 PM at the Lancaster Council Chambers, Public Safety Building, 201 North Duke Street, Lancaster, PA.

At the meeting, GPU Nuclear will give the Panel a status report on the progress of the cleanup and will comment on the schedule for completing the remaining cleanup tasks. The Panel will discuss the timing for a final Commission decision on the disposal of the accident-generated water and will forward a recommendation to the Commission. Members of the public will be given the opportunity to address the Panel.

Persons desiring to speak before the Advisory Panel are asked to contact Mr. Thomas Smithgall at 2122 Marietta Avenue, Lancaster, PA 17603 (telephone 717-291-1041). Persons desiring to submit topics or questions for the Advisory Panel to consider are asked to contact the Chairman, Mayor Arthur Morris, 120 North Duke Street, Lancaster, PA 17602.

ORIGINAL SIGNED BY,  
William D. Travers

William D. Travers  
Director  
TNI-2 Cleanup Project Directorate

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Dennis M. Crutchfield  
Frank Schroeder, Jr.

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