

May 18, 1987
NRC/TMI-87-041

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 11 - 17, 1987

1. DEFUELING

- Pick and place defueling continued. A new tool called the "core debris digger" was used extensively to remove fuel pins from the area where fuel assemblies A-6, A-7, and B-6 had been removed. Using the core debris digger the licensee was able to remove partial assemblies A-8, B-7, C-6, and C-7. The assemblies were placed on the debris bed to be trimmed and loaded into canisters.
- One previously filled canister was 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 April 25 - May 2, 1987 indicated no TMI-2 related radioactivity.
- EPA's gamma spectrum analysis of the NRC's TMI outdoor air sample for May 7 - 14, 1987 showed no reactor related radioactivity.
- The water works for the City of Lancaster composited seven daily samples from April 26 - May 2, 1987. EPA's gamma spectrum analysis of the composite sample showed no reactor related radioactivity.

3. DECONTAMINATION ACTIVITIES

- 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.
- Desludging of the auxiliary building sump has been completed. Four solidified liners were generated.

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- Robot tool failure has caused a temporary stop to scabbling in the Seal Injection Valve Room on the 281' elevation of the auxiliary building.
- Preparations continue for an early June robot examination of the west side of the reactor building basement.

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.

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, 301 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, Fayer Arthur Morris, 120 North Duke Street, Lancaster, PA 17602.

ORIGINAL SIGNED BY,
William D. Travers

William D. Travers
Director
TMI-2 Cleanup Project Directorate

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Dennis M. Crutchfield
Frank Schroeder, Jr.

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