

August 3, 1987
NRC/TMI-87-060

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 JULY 27 - AUGUST 2, 1987

1. DEFUELING

- Pick and place defueling of partial length fuel assemblies continued. Partial fuel assemblies E-2, E-10 and H-2 were loaded into defueling canisters. Fuel assembly F-10 has been freed but not placed in a defueling canister. A total of 60 fuel assemblies have been loaded into canisters.
- Three canisters were transferred to storage racks in the deep end of the refueling canal in the reactor building for temporary storage.

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 intake water and water effluents from the station (Units 1 and 2) discharge are analyzed by EPA. Gamma spectrum analyses of the seven daily composited samples for July 11 - 18, 1987 indicated no reactor related activity.
- EPA's gamma spectrum analysis of the NRC's TMI outdoor air sample for July 22 - 31, 1987 showed no reactor related radioactivity.
- The water works for the City of Lancaster composited seven daily samples from July 12 - 18, 1987. EPA's gamma spectrum analysis of the composite sample showed no reactor related radioactivity.

3. DECONTAMINATION ACTIVITIES

- Decontamination efforts continue in the seal injection valve room.
- Reactor building basement sludge is being prepared for transfer from the spent resin storage tanks to liners for solidification.

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4. NRC EVALUATIONS IN PROGRESS

- Technical Specification Change Requests 52, 53 and 56.
- Recovery Operations Plan Change Request 38.
- Solid Waste Facility Technical Evaluation Report.
- 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 and Revision 5.
- Defueling Water Cleanup System Technical Evaluation Report Annual Update.
- Defueling Canister Technical Evaluation Report Annual Update.
- EPICOR II System Description Annual Update.
- Heavy Load Handling - Movement of Missile Shields.
- Organization Plan Change Request 16.
- Request for Exemption from 10 CFR 70.42 Requirements.
- Staging of Liners in the Waste Handling and Packaging Facility.

5. PUBLIC MEETING

The Advisory Panel for the Decontamination of Three Mile Island Unit 2 is scheduled to meet on August 12, 1987 from 7:00 - 10:00 PM at the Holiday Inn, 23 South Second Street, Harrisburg PA.

Persons desiring to speak before the Advisory Panel are asked to contact Mr. Thomas Smithgall at 2111 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
John Thomas for:

William D. Travers
Director
TMI-2 Cleanup Project Directorate

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Dennis M. Crutchfield
Frank Schroeder, Jr.

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