

July 13, 1987
NRC/TMI-87-054

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 6 - 12, 1987

1. DEFUELING

- Pick and place defueling of partial length fuel assemblies and fuel pins continued. Partial fuel assemblies C-3, D-3, E-5, E-7, F-5, F-6, F-7, F-8 and G-6 were loaded into defueling canisters. A total of 45 fuel assemblies out of 177 in the core have now been broken free from the lower grid and loaded into canisters.
- Three canisters were filled and two partially filled. The three filled canisters 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 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 June 21 - 27, 1987 indicated a trace of I-131 on one occasion. In both the intake and effluent composite samples for the period from June 21 to 22, 1987, activity was measured at 2 ± 1 pCi/l. None of the other samples showed any reactor related activity.
- EPA's gamma spectrum analysis of the NRC's TMI outdoor air sample for July 2 - 7, 1987 showed no reactor related radioactivity.
- The water works for the City of Lancaster composited seven daily samples from June 21 - 27, 1987. EPA's gamma spectrum analysis of the composite sample showed no reactor related radioactivity.

3. NRC EVALUATIONS IN PROGRESS

- Technical Specification Change Requests 52, 53 and 56.
- Recovery Operations Plan Change Requests 38 and 41.

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- 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.
- 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.

4. PUBLIC MEETING

The Advisory Panel for the Decontamination of Three Mile Island Unit 2 has tentatively set August 12, 1987 as their next public meeting in Harrisburg, PA. Meeting specifics will be provided at a later date.

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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