

August 24, 1987
NRC/TMI-87-065

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 AUGUST 17 - 23, 1987

1. DEFUELING

- Pick and place defueling of partial length fuel assemblies continued. Partial fuel assemblies G-9, G-10, H-9, H-10, K-10, K-12 and L-11 were loaded into defueling canisters. A total of 84 fuel assemblies of a total of 177 in the core have been loaded into canisters.
- Five filled defueling canisters were transferred to storage racks in the refueling canal 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 water effluents from the station (Units 1 and 2) discharge are analyzed by EPA. Gamma spectrum analyses of the seven daily composited samples for August 1 - 8, 1987 indicated no reactor related activity.
- EPA's gamma spectrum analysis of the NRC's TMI outdoor air sample for August 13 - 21, 1987 showed no reactor related radioactivity.
- The water works for the City of Lancaster composited seven daily samples from August 2 - 8, 1987. EPA's gamma spectrum analysis of the composite sample showed no reactor related radioactivity.

3. DECONTAMINATION ACTIVITIES

- The transfer of reactor building basement sludge to liners has begun. The sludge will be solidified for disposal by shallow land burial.

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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.
- 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.
- Organization Plan Change Request 16 and 17.
- Request for Exemption from 10 CFR 70.42 Requirements.
- Staging of Liners in the Waste Handling and Packaging Facility.

5. PUBLIC MEETING

No date has been set for the next meeting of the Advisory Panel for the Decontamination of Three Mile Island Unit 2. The details of the next meeting will be announced in the future.

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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August 17, 1987
NRC/TMI-87-063

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| SURNAME ▶ | TMoslak:jes | JThomas | WTravers | | | | |
| DATE ▶ | 8/21/87 | 8/21/87 | 8/21/87 | | | | |