

March 2, 1987  
NRC/TMI-87-018

MEMORANDUM FOR: Harold R. Denton, Director  
Office of Nuclear Reactor Regulation

Frank J. Miraglia, Director  
Division of PWR Licensing-B

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

SUBJECT: NRC TMI-2 CLEANUP PROJECT DIRECTORATE WEEKLY STATUS  
REPORT FOR FEBRUARY 23 - MARCH 1, 1987

1. DEFUELING

- Fuel removal activities resumed on February 23, 1987. The principal work effort was focused on removal of end fittings and fuel pins from the peripheral fuel assemblies. The efforts were largely successful but a few end fittings were deformed such that they would not fit in the canister opening.

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 February 7 - 14, 1987 indicated no TMI-2 related radioactivity.
- EPA's gamma spectrum analysis of the NRC's TMI outdoor air sample for the period February 19 - 27, 1987 showed no reactor related radioactivity.
- The Lancaster water works intake composited seven daily samples February 8 - 14, 1987. The gamma spectrum analyzed by EPA showed no reactor related radioactivity.

3. DECONTAMINATION ACTIVITIES

- Scarifying of the reactor building basement walls continues.
- Robotic scabbling of the seal injection cubicle has been delayed because of high radioactivities in the debris.

4. NRC EVALUATIONS IN PROGRESS

- Technical Specification Change Request numbers 49 and 51 and the associated Recovery Operations Plan Change Requests 31 and 33.

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- Technical Specification Change Request 52, 55 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.
- Temporary Reactor Vessel Filtration System Safety Evaluation Report, Revision 3.
- Pressurizer Defueling Safety Evaluation Report.
- Safety Evaluation Report for Defueling of the Core Support Assembly.
- Waste Handling and Packaging Facility Technical Evaluation Report, Revision 6.
- Containment Air Control Envelope Technical Evaluation Report, Revision 7.
- Coagulant Criticality Safety Evaluation Report.
- Revision 2 to the Sediment Transfer and Processing Safety Evaluation Report.
- Seismic Evaluation for Modified Containment Penetration.
- Organization Plan Change Request 14.

5. MEETING

- The Advisory Panel for the Decontamination of Three Mile Island Unit 2 met on February 26, 1987 at the Lancaster City Council Chambers, Lancaster, PA. The NRC and GPU Nuclear staffs responded to questions posed by the Panel and the public on the NRC's Draft Environmental Impact Statement (EIS) for the Disposal of Accident-Generated Water. The Panel listened to statements by members of the public regarding the licensee's proposed disposition of the accident-generated water.

The next Advisory Panel meeting is tentatively scheduled for March 25, 1987, in Harrisburg PA. The meeting will include further discussion of the proposed disposition of the accident-generated water and the NRC's Draft EIS and will include an opportunity for public comment. The exact date, time, and location of the meeting will be announced in the future.

Persons desiring to speak before the Panel are requested to contact Mr. Thomas Smithgall at 717-291-1042, or write to him at 2123 Marietta Avenue, Lancaster, PA 17603, so that they may be placed on the meeting agenda.

**ORIGINAL SIGNED BY:**  
William D. Travers

William D. Travers  
Director  
TMI-2 Cleanup Project Directorate

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Harold R. Denton  
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