

50-320

December 8, 1986  
NRC/THI-86-113

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  
THI-2 Cleanup Project Directorate

SUBJECT: NRC THI-2 CLEANUP PROJECT DIRECTORATE WEEKLY STATUS  
REPORT FOR DECEMBER 1 - 7, 1986

1. DEFUELING

- Visibility in the core region is 3 to 4 feet. A video of the top of the core surface was performed and is being evaluated. The top of the core surface was probed to provide a topographic contour.

2. ENVIRONMENTAL MONITORING

- US Environmental Protection Agency (EPA) sample analysis results show that THI site liquid effluents are in accordance with regulatory limits, NRC requirements, and the City of Lancaster Agreement.
- THI 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 (November 15 - 22, 1986) indicated no THI-2 related radioactivity.
- EPA's gamma spectrum analysis of the NRC's THI outdoor air sample for November 25 - December 4, 1986 showed no reactor related radioactivity.
- The Lancaster water works intake composited seven daily samples (November 16 - 22, 1986) gamma spectrum analyzed by EPA showed no reactor related radioactivity.

3. AUXILIARY AND FUEL HANDLING BUILDING ACTIVITIES

- Reclamation of Defueling Water Cleanup System (DWCS) filters continues.
- Fuel handling building ventilation system modifications are almost complete. Testing will begin this week.

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- Pre-operational tests of the DNCS and Sediment Transfer systems are in progress.
- Fuel canister preparation for shipment is in progress.
- Installation of an ultraviolet light/ozone device for water treatment has been placed on hold for industrial safety studies.

4. NRC EVALUATIONS IN PROGRESS

- Technical Specification Change Request numbers 49, 51, 52, and 54.
- Recovery Operations Plan Change numbers 31 and 33.
- Solid Waste Facility Technical Evaluation Report.
- Heavy Load Safety Evaluation Report, Revision 3.
- Disposal of Processed Water Report.
- Safety Evaluation Report for Use of Plasma Arc Cutting Torch.
- Ex-Vessel Defueling Safety Analysis.
- Post Defueling Monitored Storage Proposal.
- Temporary Reactor Vessel Filtration System Safety Evaluation Report, Revision 3.

5. MEETING

- The Advisory Panel for the Decontamination of Three Mile Island Unit 2 will meet on December 10, 1986 from 7:00 PM to 10:00 PM at the Holiday Inn, Center City, Harrisburg, PA. The meeting will be open to the public.

At this meeting, the Panel will receive a briefing from the licensee on their recent proposal for the Post Defueling Monitored Storage of TMI-2. Members of the public will be given the opportunity to address the Panel.

Persons desiring to speak before the Advisory Panel are requested to contact Mr. Thomas Smithgall at 717-291-1042, or write him at 2122 Marietta Avenue, Lancaster, PA 17603.

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

William D. Travers  
Director  
TMI-2 Cleanup Project Directorate

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Harold R. Denton  
Frank J. Miraglia

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TMI-2 Project Section File

TMI-1 Resident Office (5)

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SURNAME	<i>Waters</i>	CCowgill	JThomas	<i>Waters</i>		
DATE	12/8/86	12/8/86	12/8/86	12/8/86		