

December 1, 1986
 NRC/THI-86-110

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 NOVEMBER 24 - 30, 1986

1. DEFUELING

- Attempts to pick up core debris following core drilling have been unsuccessful. Core drilling was intended to reduce the hard crust to a fragmented debris that could be easily loaded into fuel canisters with the long handled tools. The licensee will perform a detailed examination of the debris surface to determine the condition and consistency of the remaining material.
- Loading of the shipping cask will begin this week.

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 8 - 15, 1986) indicated no THI-2 related radioactivity.
- EPA's gamma spectrum analysis of the NRC's THI outdoor air sample for November 20 - 26, 1986 showed no reactor related radioactivity.
- The Lancaster water works intake composited seven daily samples (November 9 - 15, 1986) gamma spectrum analyzed by EPA showed no reactor related radioactivity.

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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 next week.
- Pre-operational tests of the DWCS and Sediment Transfer systems are in progress.
- Fuel canister preparation for shipment is in progress.
- Installation of an ultraviolet light/hydrogen peroxide device for water treatment has begun.

4. HRC 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.

5. MEETING

- The next meeting of the Advisory Panel for the Decontamination of Three Mile Island Unit 2 will be held on December 10, 1986 at the Holiday Inn, Center City, Harrisburg, PA.

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
John Thomas for:

William D. Travers
director
TMI-2 Cleanup Project Directorate

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Harold R. Denton
Frank J. Miraglia

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