

November 10, 1986  
HRC/THI-86-107

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

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

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

SUBJECT: HRC THI-2 CLEANUP PROJECT DIRECTORATE WEEKLY STATUS  
REPORT FOR NOVEMBER 3 - 9, 1986

1. DEFUELING

- Approximately 200 lbs. of material was removed from the test pattern area following partial drilling of fuel pins. Drilling of the hard crust at the top of the remaining core material continued. Thus far 245 holes have been drilled in the crust out of a total of 421 planned for the current drilling evolution.
- Preparation of canisters is in progress for the next shipment of fuel to the storage facility at the Idaho National Engineering Laboratory.

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.
- The Lancaster water sample taken at the water works river intake and analyzed by EPA consisted of a seven day composite sample taken October 19 - 25, 1986. A gamma scan detected no reactor related activity.
- THI water samples taken by EPA at the plant discharge (includes Units 1 and 2) to the river consisted of seven daily composite samples taken from October 18 - 29, 1986. A gamma scan detected no reactor related activity.
- The EPA analyses of the HRC outdoor air sample for the period October 31 - November 6, 1986 showed that concentrations of Cs-137 and I-131 were below the lower limit of quantitative detection (LLD) for the system. The LLD varies around a value of  $1E-13$  uCi/cc.

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3. AUXILIARY AND FUEL HANDLING BUILDING ACTIVITIES

- Decontamination of the seal injection cubicles continues.
- Reclamation of Defueling Water Cleanup System (DWCS) filters continues.
- Fuel handling building ventilation system modifications are in progress.
- Pre-operational tests of the DWCS and Sediment Transfer systems are in progress.

4. WRC 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.

5. MEETING

The next meeting of the Advisory Panel is tentatively scheduled for December 10, 1986. Exact time and location of the meeting will be announced in the future.

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  
Curtis Cowgill for:

William D. Travers  
Director  
TMI-2 Cleanup Project Directorate

OFFICE							
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Harold R. Denton  
Frank J. Miraglia

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DATE ▶	11/10/86	11/10/86	Tech. support	11/10/86		