

50-320

November 17, 1986
NRC/THI-86-108

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 10 - 16, 1986

1. DEFUELING

- Drilling of the hard crust at the top of the remaining core material was completed on November 14, 1986. A total of 425 holes were drilled.
- After completion of drilling the drill rig was removed and the shielded work platform was reconfigured to support fuel removal activities.

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 26 - November 1, 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 25 - November 1, 1986. A gamma scan detected no reactor related activity.
- The EPA analyses of the NRC outdoor air sample for the period November 6 - 13, 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.
- Fuel canister preparation for shipment is in progress.
- Preparations and initial data collection are in progress for a gross flush of the reactor building basement.

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.

5. MEETINGS

- On November 14, 1986, Dr. Travers and John Thomas of the THICPD gave two 1 hour presentations on the status of the TMI Cleanup. The briefings were conducted at NRC headquarters in Bethesda, MD and were open to any interested members of the NRC staff.
- 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:
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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