April 6, 1987
NRC/TMI-87-031

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

Frank J. Miraglia, Director
Division of PWR Licensing-8

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

SUBJECT: NRC TMI-2 CLEANUP PROJECT DIRECTORATE WEEKLY STATUS REPORT FOR MARCH 31 - APRIL 5, 1987

1. DEFueling

- Pick and place fuel removal operations continued using a variety of tools. Some vacuum fuel removal was done with the airlift tool. Most of the fuel debris loaded into canisters was removed from the core bore test pattern area.
- Four canisters were filled with debris and one was partially filled. Three filled canisters were transferred to the spent fuel pool.

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 March 14 - 21, 1987 indicated no TMI-2 related radioactivity.
- EPA's gamma spectrum analysis of the NRC's TMI outdoor air sample for the period March 27 - April 2, 1987 showed no reactor related radioactivity.
- The water works for the City of Lancaster composited seven daily samples from March 14 - 21, 1987. EPA's gamma spectrum analysis of the composite sample showed no reactor related radioactivity.

3. DECONTAMINATION ACTIVITIES

- Scabbling of the floor beneath the B and C bleed tanks continued.
- Desludging of the auxiliary building sump continued.
- Robust desludging of the reactor building basement has begun. First video pictures indicate a very thin layer of sludge was completely removed in the area.
4. NRC EVALUATIONS

a. Completed
   - Seismic Evaluation for Modified Containment Penetration was approved on April 3, 1987.

b. In Progress
   - Technical Specification Change Requests 52, 55 and 56.
   - Processed Waste Disposition Proposal.
   - Pressurizer Defueling Safety Evaluation Report.
   - Safety Evaluation Report for Defueling of the Core Support Assembly.

5. MEETING

The next meeting of the Advisory Panel is scheduled for April 16, 1987 in Washington, DC, before the NRC Commissioners. The meeting will be open to the public and will address processed accident-generated water disposal.

     ORIGINAL SIGNED BY
     William D. Travers

     William D. Travers
     Director
     TMI-2 Cleanup Project Directorate