

58-320

May 4, 1987
NRC/TMI-87-036

MEMORANDUM FOR: Dennis M. Crutchfield, Director
Division of Reactor Projects - III, IV, V & Special Projects

Frank Schroeder, Jr., Assistant Director
Region IV Reactors and Special Projects

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

SUBJECT: NRC TMI-2 CLEANUP PROJECT DIRECTORATE WEEKLY STATUS
REPORT FOR APRIL 26 - MAY 4, 1987

1. DEFUELING

- Several "rocks" were removed from the top of the fuel bed and placed in the canister loading funnel. They were then broken with an air driven chisel to a size small enough to allow them to fall through the funnel into the defueling canisters. This initial use of the air chisel proved successful as all the "rocks" available on the top core surface were broken into loadable size. During use of the air chisel the sealing surface on one of the canisters was damaged. The extent and effect of the damage is currently being evaluated.
- Two canisters were topped off and two more filled this week. One of the full canisters was transferred to the spent fuel pool.
- On Sunday, May 3, 1987 a hose on the discharge of the Defueling Water Cleanup System (DWCS) developed a significant leak and sprayed reactor coolant water on portions of the 347 ft., 331 ft., and 305 ft. elevations of the reactor building. Three individuals were contaminated by the water. The DWCS system was shutdown within five minutes. The cause of the leak and extent of personnel and equipment contamination, and corrective actions required are being evaluated.

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 April 17 - 18, 1987 indicated no TMI-2 related radioactivity.

8705080003 870504
PDR ADOCK 05000326
R PDR

OFFICE >				
SURNAME >				
DATE >				

- EPA's gamma spectrum analysis of the NRC's TRI outdoor air sample for April 24 - 30, 1987 showed no reactor related radioactivity.
- The water works for the City of Lancaster composited seven daily samples from April 12 - 18, 1987. EPA's gamma spectrum analysis of the composite sample showed no reactor related radioactivity.

3. DECONTAMINATION ACTIVITIES

- Auxiliary building soap desludging continues. The project has resulted in the filling of four 120 cubic foot containers.
- Robot desludging in the reactor building basement continues. The dewatered sludge is being held in the modified spent resin storage tanks in the auxiliary building basement.

4. NRC EVALUATIONS IN PROGRESS

- Technical Specification Change Requests 52, 55 and 56.
- Solid Waste Facility Technical Evaluation Report.
- Heavy Load Safety Evaluation Report, Revision 3.
- Processed Water Disposition Proposal.
- Safety Evaluation Report for Use of Plasma Arc Cutting Torch.
- Pressurizer Defueling Safety Evaluation Report.
- Safety Evaluation Report for Defueling of the Core Support Assembly.
- Canister Handling and Preparation for Shipment Safety Evaluation Report, Revision 4.

5. MEETING

The next meeting of the Advisory Panel for the Decontamination of Three Mile Island Unit 2 will be held on June 10, 1987 from 7:00 - 10:00 PM at the Lancaster Council Chambers, Public Safety Building, 201 North Duke Street, Lancaster, PA.

Persons desiring to speak before the Advisory Panel are asked to contact Mr. Thomas Smithgall at 312 Harietta Avenue, Lancaster, PA 17603 (Telephone 717-291-1041). Persons desiring to submit topics or questions for the Advisory Panel to consider are asked to contact the Chairman, Mayor Arthur Morris, 120 North Duke Street, Lancaster, PA 17602.

ORIGINAL SIGNED BY:
William D. Travers

William D. Travers
Director
TRI-2 Cleanup Project Directorate

OFFICE ▶						
SURNAME ▶						
DATE ▶						

Dennis M. Crutchfield
Frank Schroeder, Jr.

3

May 4, 1987
NRC/TMI-87-036

INTERNAL DISTRIBUTION
CENTRAL FILE

NRC PDR
LOCAL PDR
EPC
UBC
EPA
DOE
RI Regional Administrator
RI Division Directors
Public Affairs, RI
State Liaison, RI
TMI HQ r/f
TMI SITE r/f
TMI-2 Project Section File
TMI-1 Resident Office (5)
TMI Cleanup Project Directorate (14)

OFFICE ▶	TMI CPD	TMI CPD	TMI CPD	TMI CPD		
SURNAME ▶	DCollins:jes	GGongill	JThomas	WThover		
DATE ▶	5/4/87	5/4/87	5/4/87	5/4/87		