

50-320

February 23, 1987
NRC/TMI-87-015

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
TMI-2 Cleanup Project Directorate

SUBJECT: NRC TMI-2 CLEANUP PROJECT DIRECTORATE WEEKLY STATUS
REPORT FOR February 10 - 22, 1987

1. DEFUELING

- The two-week data acquisition outage was completed on Sunday, February 22, 1987. Video inspection results of the reactor coolant system cold leg piping and reactor coolant pumps showed a layer of very finely divided material. Similar material was found in the "B" hot leg. The decay heat drop line was full of material of apparently larger average particle size. Video surveys of the top of the current core, the core support assembly and lower reactor vessel head were also obtained. Localized damage including melting of incore instrument guide tubes and small portions of the CSA were observed. The information gathered will be of significant value in planning further defueling activities and in understanding the course of the accident at TMI-2.
- Defueling operations will resume on February 23, 1987 with a day of defueling training followed by fuel removal activities.

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 January 31 - February 7, 1987 indicated no TMI-2 related radioactivity.
- EPA's gamma spectrum analysis of the NRC's TMI outdoor air sample for the period February 12 - 19, 1987 showed no reactor related radioactivity.
- The Lancaster water works intake composited seven daily samples February 1 - 7, 1987. The gamma spectrum analyzed by EPA showed no reactor related radioactivity.

3. DECONTAMINATION ACTIVITIES

- Desludging of the auxiliary building sump continued with solidification of the first batch of sludge.

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- Scabbling of the diesel generator basement followed by painting was completed.
- Scabbling of the reactor building basement walls continues.
- Scabbling of the reactor building elevator shaft roof commenced.
- Robotic scabbling of the seal injection cubicle is scheduled for this week.

4. NRC EVALUATIONS IN PROGRESS

- Technical Specification Change Request numbers 49 and 51 and the associated Recovery Operations Plan Change Requests 31 and 32.
- Technical Specification Change Request 51.
- Technical Specification Change Request 55.
- 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.
- Temporary Reactor Vessel Filtration System Safety Evaluation Report, Revision 3.
- Pressurizer Detailing Safety Evaluation Report.
- Safety Evaluation Report for Defueling of the Core Support Assembly.
- Waste Handling and Packaging Facility Technical Evaluation Report, Revision 5.
- Containment Air Control Envelope Technical Evaluation Report, Revision 7.

5. MEETING

- The next meeting of the Advisory Panel for the Decontamination of Three Mile Island Unit 2 will be held on February 26, 1987, at the Lancaster Council Chambers, Public Safety Building, 701 North Duke Street, Lancaster, PA. The NRC and GPU nuclear staffs will respond to the Panel's questions on the licensee's proposed disposition of the accident-generated water and on the NRC staff's Draft Environmental Impact Statement on the disposal of accident-generated water. There will be an opportunity for public comment.

The meeting is presently scheduled to begin at 3:30 PM and will continue into the evening.

Persons desiring to speak before the Panel are requested to contact Mr. Thomas Saffingall at 717-291-1040, or write to his c/o, 123 Marfatta Avenue, Lancaster, PA 17603, so that they may be placed on the meeting agenda.

original signed by
John Thomas for:

William G. Travers
Director
TMI-2 Cleanup Project Directorate

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Harold R. Denton
Frank J. Miraglia

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TMI-2 Project Section File

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