

March 30, 1987
NRC/TMI-87-029

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 MARCH 23 - 29, 1987

1. DEFUELING

- Attempts to remove additional partial-length fuel assemblies using the hydraulic cam clamp tool and the pole snare were unsuccessful.
- Defueling teams cut fuel pins at the core drilling test pattern area and partially loaded two fuel canisters using the heavy duty spade bucket.

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 7 - 14, 1987 indicated no TMI-2 related radioactivity.
- EPA's gamma spectrum analysis of the NRC's TMI outdoor air sample for the period March 19 - 27, 1987 showed no reactor related radioactivity. The EPA laboratory's lower level of detection for iodine-131 and cesium-137 is about 6 E-14 uCi/cc .
- The water works for the City of Lancaster composited seven daily samples from March 8 - 14, 1987. The gamma spectrum analysis for the composited sample performed by EPA showed no reactor related radioactivity.

3. DECONTAMINATION ACTIVITIES

- Scabbling of the floor beneath the B and C bleed tanks continued.

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- Desludging of the auxiliary building sump continued.
- Final preparations are being made to pump sludge from the reactor building basement to the auxiliary building.

4. NRC EVALUATIONS

a. Completed

- Revision 2 to the Sediment Transfer and Processing Safety Evaluation Report was approved on March 26, 1987.
- Coagulant Criticality Safety Evaluation Report was approved on March 27, 1987.

b. In Progress

- Technical Specification Change Request numbers 49 and 51 and the associated Recovery Operations Plan Change Requests 31 and 33.
- 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.
- Temporary Reactor Vessel Filtration System Safety Evaluation Report, Revision 3.
- Pressurizer Defueling Safety Evaluation Report.
- Safety Evaluation Report for Defueling of the Core Support Assembly.
- Seismic Evaluation for Modified Containment Penetration.

5. MEETING

On the evening of March 25, 1987, the Advisory Panel for the Decontamination of Three Mile Island Unit 2 held a public meeting at the Holiday Inn, Harrisburg, PA. At this meeting the Panel received presentations on the issue of Accident-Generated Water Disposal from Drs. R. Piccioni and E. Sternglass. Statements from Drs. M. Kaku and C. Johnson were read at the meeting by members of the Susquehanna Valley Alliance. The Panel also received a number of public comments on the licensee's proposal for the disposal of accident-generated water.

The Panel voted 8 - 2 finding the NRC staff's draft supplement to the PEIS an acceptable evaluation of alternatives and environmental impact. The Panel voted 5 - 4, with one abstention to not endorse the licensee's proposed evaporation option for water disposal. The Panel also voted 10 - 0 against any discharge of the water to the Susquehanna River.

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.

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Persons desiring to speak before the Panel are requested to contact Mr. Thomas Smithgall at 717-291-1042, or write to him at 2123 Marietta Avenue, Lancaster, PA 17603, so that they may be placed on the meeting agenda.

ORIGINAL SIGNED BY,
William D. Travers

William D. Travers
Director
TMI-2 Cleanup Project Directorate

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