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April 29, 1985
NRC/TMI-85-034

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

Bernard J. Snyder, Program Director
TMI Program Office

FROM: William D. Travers, Deputy Program Director
TMI Program Office

SUBJECT: NRC TMI PROGRAM OFFICE WEEKLY STATUS REPORT
APRIL 22, 1985 - APRIL 28, 1985

1. PLANT STATUS

- The facility remains in long term cold shutdown with the Reactor Coolant System (RCS) vented to the reactor building atmosphere and the reactor vessel head removed.
- RCS cooling is by natural heat loss to the reactor building ambient atmosphere. Incore thermocouple readings range from 74°F to 98°F with an average of 86°F. Average cold leg temperature is 69 F.
- Calculated reactor decay heat is less than 14 kilowatts.
- The modified internals indexing fixture is installed on the reactor vessel flange and is flooded to elevation 327 feet 6 inches (15½ feet above the top of the core region).
- The average reactor building temperature is 63°F. The reactor building airborne activity is 1.4 E-7 uCi/cc tritium, and 5.4 E-10 uCi/cc particulates, predominantly cesium 137.
- The reactor vessel plenum has been raised 7½ inches by hydraulic jacks and cleared of fuel assembly end fittings in preparation for final removal.

2. WASTE MANAGEMENT

- The Submerged Demineralizer System (SDS) began processing batch S-117, which will consist of about 60,000 gallons from the IIF.
- EPICOR II completed processing batch 252 (3,425 gallons from the 'B' RCBT).
- Total volume processed through SDS to date is 2,811,398 gallons, and the total volume processed through EPICOR II is 2,433,814 gallons.
- The nineteenth SDS vessel was shipped from the site to the DOE facility at Hanford, Washington.

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6. AUXILIARY AND FUEL HANDLING BUILDING ACTIVITIES

- Installation of the Defueling Water Cleanup System (DNCS) continued.
- Dewatering tests of a high integrity container intended for future use in the EPICOR II system and in the DNCS ion exchangers is in progress.
- Preparations are in progress for chemical adjustment of the processed water storage tanks. The water will be adjusted to meet RCS chemistry specifications so it can be used for flooding the fuel transfer canal prior to plenum removal.

7. NRC EVALUATIONS IN PROGRESS

- Plenum Removal Safety Evaluation
- Fuel Canister Rack Technical Evaluation
- Defueling Water Cleanup System Technical Evaluation
- Technical Specification Change Requests numbers 46 and 48
- Equipment Hatch Removal Safety Evaluation
- Recovery Operations Plan Change number 27
- Fuel Canister Technical Evaluation
- Fuel Handling Senior Reactor Operator Training Program

8. PROJECTED SCHEDULE OF FUTURE EVENTS

- Flooding of deep end of FTC: May 14, 1985
- Plenum Removal: May 17, 1985

9. PUBLIC MEETING

- The next Advisory Panel meeting is tentatively scheduled for May 16, 1985. Exact date, location, and agenda for the next meeting will be published in the future.

William D. Travers
Deputy Program Director
TMI Program Office

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