



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

September 15, 1980
NRC/TMI-80-134

MEMORANDUM FOR: H. R. Denton, Director,
Office of Nuclear Reactor Regulation
B. J. Snyder, Program Director,
TMI Program Office

FROM: J. T. Collins, Deputy Program Director,
TMI Program Office

SUBJECT: NRC TMI PROGRAM OFFICE WEEKLY STATUS REPORT

Enclosed is the status report for the week of September 7 - 13, 1980.

Ronald R. Bellamy for
John T. Collins
Deputy Program Director
TMI Program Office

Enclosure: As stated

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NRC TMI PROGRAM OFFICE WEEKLY STATUS REPORT

Week of September 7 - 13, 1980

Plant Status

Core Cooling Mode: Cyclic natural circulation in the "A" reactor coolant system (RCS) loop via the "A" once through steam generator (OTSG), steaming to the main condenser, and RCS loop-A and B cyclic natural circulation to reactor building ambient.

Available Core Cooling Modes: OTSG "B" to the main condenser; long-term cooling "B" (OTSG-B); decay heat removal.

RCS Pressure Control Mode: Standby Pressure Control (SPC) System.

Backup Pressure Control Mode: Makeup system in conjunction with letdown flow (Emergency use only due to suspected leaks in the seal injection system).

Major Parameters (As of 0500, September 11, 1980) (approximate values)
Average Incore Thermocouples: 136°F
Maximum Incore Thermocouple: 179°F

RCS Loop Temperatures:

	A	B
Hot Leg	132°F	136°F
Cold Leg (1)	89°F	98°F
(2)	84°F	106°F

RCS Pressure: 95 psig (DVM)
89 psig (Heise)

Pressurizer Temperature: 87°F

Reactor Building: Temperature: 81°F
Water level: Elevation 290.5 ft. (8.0 ft. from floor)
via penetration 401 manometer
Pressure: -0.2 psig (Heise)
Concentration: 5.0×10^{-4} uCi/cc (Kr-85)

Environmental & Effluent Information

1. Liquid effluents from TMI-1 released to the Susquehanna River, after processing, were within the limits specified in Technical Specifications.
2. No liquid effluents were discharged from TMI-2.

3. EPA Environmental Data. Results from EPA monitoring of the environment around the TMI site were as follows:

- The EPA measured Kr-85 concentrations (pCi/m^3) at several environmental monitoring stations and reported the following results:

<u>Location</u>	<u>August 29 - September 5, 1980</u> (pCi/m^3)
Bainbridge	22
Goldsboro	31
Observation Center	27
Middletown	26
Hill Island	26

All of the above levels of krypton-85 are considered to be background levels.

- No radiation above normally occurring background levels was detected in any of the samples collected from the EPA's air and gamma rate networks during the period from September 3 through September 11, 1980.

4. NRC Environmental Data. The following are the NRC air sample analytical results for the onsite continuous air sampler:

<u>Sample</u>	<u>Period</u>	<u>I-131</u> (uCi/cc)	<u>Cs-137</u> (uCi/cc)
HP-232	September 3 - September 10, 1980	<6.8 E-14	<6.8 E-14

No reactor related radioisotopes were detected.

5. Licensee Radioactive Material and Radwaste Shipments. The following shipments were made:

- On Monday, September 8, 1980, a Unit 2 reactor coolant sample was shipped to Babcock and Wilcox (B&W), Lynchburg, Virginia.
- On Thursday, September 11, 1980, a box containing Unit 2 air sample filter and smear papers was sent to Teledyne Isotopes, Westwood, New Jersey.

Major Activities

1. EPICOR II System. The work items scheduled for the outage are complete. The system will stay in a standby mode until sufficient waste water has accumulated to justify a restart.

2. Reactor Building Status. The licensee tentatively plans to purge the reactor building on September 19 and 24, 1980, in preparation for another reactor building entry on September 25, 1980.
3. Mini Decay Heat (MDH) System. Tentative plans are to make the system operationally ready during the week of September 22, 1980, pending NRC approval of the associated proposed Technical Specification change.
4. Programatic Environmental Impact Statement (PEIS). On Friday, September 12, 1980, the comment period for the draft PEIS was extended to November 20, 1980.

Meetings Held

J. Collins attended a meeting in Las Vegas, Nevada, on September 10-13, 1980, with representatives of the Environmental Protection Agency (EPA), Department of Energy (DOE), PA Department of Environmental Resources (DER) and Metropolitan Edison Company to discuss the results of purging krypton-85 from the TMI-2 reactor building.

Future Meetings

1. On Tuesday, September 16, 1980, J. Collins, T. Elsasser and EPA representatives will meet with members of the local labor unions to discuss the contents of the draft PEIS.
2. On Wednesday, September 17, 1980, J. Collins, T. Elsasser and EPA representatives will hold two separate meetings to discuss the contents of the draft PEIS. The first meeting will be held with TMI Alert and the second with Dauphin County Commissioners.
3. On Thursday, September 18, 1980, J. Collins, T. Elsasser and EPA representatives will hold two separate meetings to discuss the contents of the draft PEIS. The first meeting will be held with the York County Commissioners; and the second with members of ANGRY, (anti-nuclear group representing York).
4. On Friday, September 19, 1980, J. Collins, T. Elsasser and EPA representatives will hold a meeting with local clergy to discuss the contents of the draft PEIS.

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