



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

August 29, 1980
NRC/TMI-80-129

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 August 24-29, 1980.

John T. Collins
John T. Collins
Deputy Program Director
TMI Program Office

Enclosure: As stated

- cc: EDO
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NRC TMI PROGRAM OFFICE WEEKLY STATUS REPORT

Week of August 24-29, 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, August 29, 1980) (approximate values)

Average Incore Thermocouples: 138°F
Maximum Incore Thermocouple: 183°F

RCS Loop Temperatures:

	A	B
Hot Leg	135°F	137°F
Cold Leg (1)	85°F	80°F
(2)	84°F	83°F

RCS Pressure: 95 psig (DVM)

Pressurizer Temperature: 90°F

Reactor Building: Temperature: 84°F
Water level: Elevation 290.4 ft. (7.9 ft. from floor)
via penetration 401 manometer
Pressure: -0.4 psig (Heise)
Concentration: 1.4×10^{-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. Results from EPA monitoring of the environment around the TMI site were:

- The EPA measured Kr-85 concentrations (pCi/m³) at several environmental monitoring stations and reported the following results:

<u>Location</u>	<u>August 15-22, 1980</u> (pCi/m ³)
Bainbridge	30
Goldsboro	28
Observation Center	33
Middletown	27
Hill Island	26

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

- EPA environmental stations registered background levels for air particulate and water samples. Gamma scan results for all sampling locations were negative.

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-230	August 20 - August 27, 1980	<6.7 E-14	<6.7 E-14

5. Radioactive Material and Radwaste Shipments were as follows:

- On Monday, August 25, 1980, a 40 ml Unit 2 reactor coolant sample was shipped to Babcock & Wilcox (B&W), Lynchburg, Virginia.
- On Wednesday, August 27, 1980, smear samples and various samples of glass and metal from the Unit 2 containment entry on August 15, 1980, were shipped to Exxon Nuclear Laboratories, Idaho Falls, Idaho.
- On Thursday, August 28, 1980, one shipment of Unit 1 non-compacted waste was sent to Chem-Nuclear System, Incorporated, Barnwell, South Carolina.

Major Activities

1. EPICOR II System

The system is presently in an outage condition. Startup of this system is expected to occur next week.

2. Reactor Building Status

Purging of the reactor building was not accomplished this week due to the relatively low currie content.

3. Mini Decay Heat (MDH) System

Preoperational testing of the MDH pumps started this week. System operational readiness date was not finalized.

Meetings Held

1. B. Snyder and J. Collins conducted a news conference at 10:30 a.m., on Monday, August 25, 1980, in the NRC Middletown office to discuss and answer questions about the staff's draft Programmatic Environmental Impact Statement (PEIS) for the decontamination and defueling of TMI-2.
2. On Thursday, August 28, 1980, J. Collins was interviewed by radio station WKBO, Harrisburg, concerning the staff's PEIS. The program will be aired on Sunday, August 31, 1980, at 8:30 a.m. as part of the station's public service program.

Future Meetings

1. On Wednesday, September 3, 1980, J. Collins and B. Snyder will brief local elected officials, citizens, and the press on the contents of the PEIS. The meeting is being hosted by the PA Department of Environmental Resources and will be held at the Forum Building, Harrisburg, beginning at 9:00 a.m.. Representatives of EPA will also be in attendance at this meeting.
2. On Friday, September 5, 1980, J. Collins and EPA representatives will brief members of the Susquehanna River Basin on the contents of the PEIS.