

August 27, 1984
NRC/TMI-84-064

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

Bernard J. Snyder, Program Director
TMI Program Office

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

SUBJECT: NRC TMI PROGRAM OFFICE WEEKLY STATUS REPORT FOR
AUGUST 19, 1984 - AUGUST 25, 1984

The appointment of Thomas F. Demmitt as Deputy Director, TMI-2 was announced by GPU Nuclear on August 21, 1984. Mr. Demmitt will remain a Bechtel employee, reporting to the Director, TMI-2.

Data from effluent and environmental monitoring systems indicated no plant release in excess of regulatory limits. Plant parameters have shown no significant changes. Site activities this period included: scabbling of floor surfaces in the reactor building, solidification of spent resins and oily wastes; auxiliary and fuel handling building decontamination and routine waste processing.

Significant items covered in the enclosure are:

- New TMI-2 Deputy Director Appointed by GPU Nuclear
- Reactor Building Activities
- Auxiliary and Fuel Handling Building Activities
- Waste Water Management Activities
- Combined Reporting of Liquid Effluent and Environmental Data
- Public Meeting

Summary sheets included in this report are:

- Liquid Effluent and Environmental Data
- Plant Status Data

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William D. Travers
Acting Deputy Program Director
TMI Program Office

TDR-5
TMI

Enclosure: As stated

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ENCLOSURE

NEW TMI-2 DEPUTY DIRECTOR APPOINTED BY GPU NUCLEAR:

GPU Nuclear announced on August 21, 1984 the appointment of Thomas F. Demmitt as Deputy Director, TMI-2. Mr. Demmitt will continue to be employed by Bechtel and will report directly to Mr. Franklin Standerfer, Director, TMI-2. Mr. Demmitt holds Bachelor of Science and Master of Science degrees in Chemical Engineering from the University of Washington. Mr. Demmitt's most recent assignment with Bechtel was Manager of the Decontamination and Restoration Department of the Advanced Technology Division at Oak Ridge, Tennessee.

REACTOR BUILDING ACTIVITIES:

Reactor building floor decontamination is continuing during daily entries. Scabbling machines are being used to remove the upper 1/8 in. of material from the reactor building floor surfaces. Floor samples indicate that 95% of the floor activity is entrained in the surface paint layer. In isolated areas, where the paint layer is not continuous, the activity appears to have penetrated the concrete to a depth of 2 cm (about 3/4 inch). Based on the surface samples, floor activity has been estimated to be 1 uCi/cm².

Tools for inspecting the plenum assembly have been arriving on site. These tools will be tested in a defueling test assembly (DTA) which has been constructed on site to simulate the reactor vessel. Following tool check out, workers will use the DTA to dry run the plenum inspection procedures. Actual plenum inspection is scheduled to commence in October 1984.

AUXILIARY AND FUEL HANDLING BUILDING ACTIVITIES:

Work continues on the "A" fuel pool refurbishment with the emphasis on decontamination and removal of piping associated with the lower tanks.

Operation of the portable cement solidification system continued in the fuel handling building truck bay to process oily water and spent resins into a form to meet shallow land burial requirements.

WASTE WATER MANAGEMENT ACTIVITIES:

The submerged demineralizer system (SDS) processed reactor coolant system water (batch 103) directly from the internals indexing fixture (IIF) on August 17-20, 1984. Processing took place through the two parallel trains of the SDS. Total volume processed was 56,539 gallons.

EPICOR II processed batch 223 from the "A" SDS monitor tank on August 21-22, 1984. Total volume processed was 10,535 gallons. Batch 224 from the "B" SDS monitor tank was processed through EPICOR II on August 22-23, 1984. Total volume processed was 10,089 gallons.

COMBINED REPORTING OF LIQUID EFFLUENT AND ENVIRONMENTAL DATA:

Effective with this report, a combined appendix will report data on: liquid effluents from the TMI site; Lancaster water samples; and the results of NRC continuous air sampling on the TMI site. The monthly summary of results from EPA's environmental sampling will also appear in this appendix.

PUBLIC MEETING:

On September 19, 1984, the Advisory Panel for the Decontamination of Three Mile Island Unit 2 will meet from 7:00 PM to 10:00 PM in the Holiday Inn, 23 South Second Street, Harrisburg, Pennsylvania. The meeting will be open to the public.

Persons desiring to submit topics or questions for consideration by the Advisory Panel are asked to contact, in writing, Mayor Arthur Morris, 120 North Duke Street, Lancaster, Pennsylvania 17602. Persons desiring the opportunity to speak before the Panel are asked to contact Mr. Thomas Smithgall at 2122 Marietta Avenue, Lancaster, Pennsylvania 17603 (telephone 717-291-1041).

APPENDIX 1

LIQUID EFFLUENT AND ENVIRONMENTAL DATA

GPU Nuclear

Based on sampling and monitoring, liquid effluents from the TMI site released to the Susquehanna River were determined to be within regulatory limits and in accordance with NRC requirements and the City of Lancaster Agreement.

During the period August 17 through August 23, 1984, liquid effluents contained no detectable radioactivity at the discharge point. Individual effluent sources originating within Unit 2 contained minute amounts of radioactivity. Calculations indicate that less than 6.5 E-7 (0.00000065) curies of gross beta radioactivity was discharged.

Environmental Protection Agency

Lancaster Water Samples: 7 samples

Period Covered: August 5 - August 11, 1984

Results: Gamma Scan Negative for reactor related radioactivity

TMI Water Samples: 7 samples

Period Covered: August 4 - August 11, 1984

Results: Gamma Scan Negative for reactor related radioactivity

NRC Environmental Data

The NRC operated continuous outdoor air sampler at the TMI site did not detect any reactor related radioactivity. The air sampler parameters are listed below. The analysis results were less than the lower limit of detectability of the analytical instruments: 8.0 E-14 uCi/cc for I-131 and 8.0 E-14 uCi/cc for Cs-137.

<u>Sample</u>	<u>Period</u>	<u>Volume</u>
HP-433	August 15 - 22, 1984	429.9 m^3

APPENDIX 2

PLANT STATUS

Reactor Vessel Configuration: Reactor vessel open with modified internals indexing fixture installed

Core Cooling Mode: Heat transfer from the reactor coolant system (RCS) to reactor building ambient

Available Core Cooling/Makeup Sources:

Standby pressure control (SPC) system
Reactor coolant bleed tank (RCBT) water transfer system
Mini decay heat removal (MDHR) system

Major Parameters as of 6:00 AM, August 24, 1984 (approximate values):

Reactor Coolant System:

Loop Temperatures:

	A	B
Hot Leg*	65°	72°F
Cold Leg (1)	60°	65°F
(2)		65°F

Reactor Core:

Average Incore Thermocouples:** 97°F
Maximum Incore Thermocouple:** 134°F
Decay Heat: 16 kilowatts

Reactor Building: Temperature: 65°F
Pressure: -0.04 psig

Airborne Radionuclide Concentrations:

Tritium: 8.6 E-8 uCi/cc H³ (sample 8/25/84)
Particulates: 1.8 E-9 uCi/cc (sample 8/17/84)
predominately Cs-137

*Since the RCS is drained down below these temperature detectors, they are no longer indicative of RCS temperatures.

**Uncertainties exist as to the exact location and accuracy of these readings.

U. S. NUCLEAR REGULATORY COMMISSION
NOTICE OF SIGNIFICANT LICENSEE MEETING
REGION I

No. 84-81

AUG 27 1984

Name of Licensee: Rochester Gas and Electric Company
Name of Facility: R. E. Ginna Nuclear Power Plant
Docket No. 50-244
Time and Date: 1:30 p.m., August 29, 1984
Location: R. E. Ginna Station, Ontario, New York
Purpose: Discuss Licensed Operator Requalification Program Proposed Upgrade
NRC Attendees: W. A. Cook, Resident Inspector
G. F. Dick, Licensing Project Manager, ORB 5, NRR
S. J. Collins, Chief, Reactor Projects Section 2C, DPRP
E. G. Greenman, Chief, Projects Branch No. 2, DPRP

Licensee

Attendees: R. Kober, Vice President - Electric and Steam Production
B. Snow, Superintendent Nuclear Production and Plant Superintendent
R. Morrill, Training Manager

Note: Attendance by other NRC personnel at this meeting should be made known by 4:00 p.m., August 28, 1984 to S. J. Collins, Region I, at FTS 8-488-1126.

Prepared by original signed by
S. J. Collins, Chief
Reactor Projects Section 2C

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