

AUG 1 1984

Docket No. 50-289

GPU Nuclear Corporation
ATTN: Mr. H. D. Hukill
Vice President and Director of TMI-1
P.O. Box 480
Middletown, Pennsylvania 17057

Gentlemen:

Subject: Emergency Exercise

This refers to your undated letter which transmitted the objectives of the 1984 Three Mile Island Nuclear Station Exercise scheduled to be conducted on October 3, 1984. Our review of the objectives showed that they appear to be adequate.

We also took note of the fact you will be conducting full scale drills on September 5 and 19, 1984. There will be no Region I participation in these drills.

Sincerely,

Original signed by:

W. PASCIAK

for Thomas T. Martin, Director
Division of Engineering and
Technical Programs

cc:

R. J. Toole, Operations and Maintenance Director, TMI-1
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NRC Resident Inspector
Commonwealth of Pennsylvania
Ms. Mary V. Southard, Co-Chairman, Citizens for a Safe Environment

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GPU Nuclear Corporation

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bcc:

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DPRP Section Chief

J. Van Vliet, PM, NRR

DETP
WOJNAS

WJ
7/29/84

DETP
BELLAMY

[Signature]
7/31/84

DETP
MARTIN

[Signature]
7/31/84

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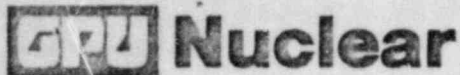
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5211-84-2174
4410-84-L-0105

Mr. T. Martin
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Office of Nuclear Reactor Regulations
Attn: John F. Stolz, Chief
Operating Reactors Branch No. 4
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Sirs:

Three Mile Island Nuclear Station, Unit I & II, (TMI-1 & TMI-2)
Operating License Nos. DPR-50 & DPR-73
Docket Nos. 50-289 & 50-320
Annual Emergency Exercise

This letter serves to transmit the objectives of the 1984 Three Mile Island Nuclear Station Annual Exercise (Attachment 1) scheduled to be conducted on October 3, 1984. Attachment 2 lists possible events and the type of participation that would be necessary if an event were to occur.

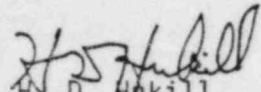
In response to your letter of June 18, 1984, the 1984 Annual Exercise will not be a full participation exercise. GPU Nuclear proposes for your review and approval the following scope of participation for this annual exercise. We propose that Cumberland, Lebanon and Dauphin Counties participate on a reduced scale in this exercise. Cumberland and Lebanon Counties satisfactorily tested their emergency plans during the November 16, 1983 TMI Annual Exercise. Dauphin and Lancaster Counties will be participating in a remedial exercise intended to demonstrate that appropriate corrective measures have been taken relevant to the previously identified Category A deficiencies. This remedial exercise is scheduled to be performed during the third quarter of 1984 and will be observed by FEMA representatives. Since the Commonwealth of Pennsylvania and York and Lancaster Counties will be participating full scale in the 1984 Peach Bottom Annual Exercise, they will not participate in the TMI exercise. We believe this level of participation by the State and Counties is consistent with the exercise frequency specified in 10 CFR 50, Appendix E.

5211-84-2174
4410-84-L-0105

John. F. Stolz
T. Martin

GPUN will be conducting full scale drills prior to the 1984 Annual Exercise. These drills will be held on September 5, 1984 and September 19, 1984 from 0830 to 1230 hours. In a conversation with NRC Region I, there was an interest expressed by the Region in participating in one or more of these drills. It is requested that Region I inform GPUN if they wish to participate in these drills and if Region I incident response personnel plan to participate in the 1984 TMI Annual Exercise. We look forward to exercising our emergency plans with the NRC Region to assure a coordinated response.

Sincerely,


H. D. Hokill,
Director, TMI-1

HDH/SMO/mle

Attachments

cc: R. Conte, Senior Resident Inspector
D. Matthews, NRC Headquarters
J. Asher, FEMA, Region III

ATTACHMENT 1

OBJECTIVES FOR THE 1984 THREE MILE ISLAND NUCLEAR STATION ANNUAL EXERCISE

A joint exercise will be conducted in order to demonstrate the state of emergency preparedness of the Three Mile Island Nuclear Station (TMI). This demonstration will be accomplished through the implementation of emergency plans dedicated to the response to a TMI incident.

The Three Mile Island Station objectives are as follows:

A. Operational Assessment

1. Demonstrate the ability of the control room operators to promptly recognize that emergency action levels have been reached or exceeded, properly declare the emergency and implement the Emergency Plan.
2. Demonstrate the ability of the operators to assess plant conditions, effectively utilize engineering support, and implement procedures in order to place the plant in a safe condition.
3. Illustrate the ability of the plant to mitigate the in-plant and offsite consequences of a radiological release through operational manipulations.
4. Display the coordination and adequacy of the TMI Emergency Operating and Emergency Plan Implementating Procedures.

B. Radiological and Environmental Assessment

1. Satisfactorily perform radiological and environmental monitoring activities in accordance with prescribed procedures.
2. Properly assess the monitoring data to formulate accurate offsite radiological dose projections.
3. Exhibit the proper use of appropriate post accident sampling system to support the emergency assessment process.
4. Demonstrate the ability to evaluate monitoring data, offsite radiological dose projections and plant conditions to arrive at appropriate protective action recommendations.
5. Illustrate effective coordination of the radiological and environmental assessment process with the Bureau of Radiation Protection.
6. Demonstrate the ability to support the emergency radiological assessment process while maintaining personnel radiation exposure as low as reasonably achievable.

C. Emergency Organization

1. Demonstrate that sufficient emergency personnel are available to properly mitigate the consequences of an emergency and support the emergency on a round-the-clock coverage schedule.
2. Exhibit timely and proper response of emergency personnel to activate emergency response facilities and carry out assigned roles and responsibilities.
3. Display proper transfer of responsibility between "on duty" and incoming emergency personnel.
4. Illustrate the ability to properly implement the Long Term Recovery Organization.
5. Demonstrate the ability of the TMI-2 plant to staff their emergency organization, respond to possible effects of the emergency and to provide assistance to TMI-1 as requested.

D. Emergency Response Facilities

1. Demonstrate that sufficient and adequate emergency equipment exists to effectively perform all necessary emergency actions.
2. Illustrate that sufficient radiological protection exists for emergency personnel to properly carry out assigned roles and responsibilities in all facilities.
3. Demonstrate a viable means of access control that restricts entry to authorized personnel.
4. Show that sufficient space is dedicated in all facilities to allow for proper emergency response.

E. Communications

1. Demonstrate that appropriate and reliable communication exists to accomplish appropriate and timely notification of offsite agencies and to maintain communications with the Bureau of Radiation Protection.
2. Demonstrate that adequate emergency communications systems are in place to facilitate transmittal of data among emergency response facilities.
3. Exhibit the ability to effectively use the emergency communications system.
4. Demonstrate the ability to adequately alert station personnel of an emergency through the use of alarms and public address systems.

5. Demonstrate that adequate call out procedures exist to provide for timely mobilization of emergency response personnel.
6. Illustrate the ability to effectively communicate with emergency teams in plant and out of plant.
7. Exhibit proper recordkeeping and data display in all emergency response facilities.

F. Personnel Protection

1. Demonstrate that accountability within the Protected Area can be accomplished in a proper and timely manner.
2. Demonstrate the ability to muster all personnel on site and that adequate provisions exist to carry out an orderly evacuation.
3. Exhibit the ability to provide safe and timely onsite access to local offsite emergency services.
4. Satisfactorily respond to a contaminated/injured person without jeopardizing his safety.
5. Demonstrate the capability to radiologically monitor and decontaminate personnel.

G. Public Information

1. Demonstrate the ability to develop and disseminate timely and accurate news releases.
2. Exhibit proper and timely activation of the Media Center.
3. Demonstrate effective rumor control techniques.
4. Demonstrate the ability to conduct news briefings and interface with the news media, elected officials and concerned citizens.

H. Previously Identified Deficiencies

1. Demonstrate that previously identified deficiencies have been corrected.

<u>Event*</u>	<u>Actual</u>	<u>Simulation</u>
1. Declaration of Emergency	X	
2. Notification of Offsite Agencies	X	
3. Emergency Announcements	X	
4. Activation of the GPUN Onsite Emergency Organization	X	
5. Activation of the GPUN Offsite Emergency Organization	X	
6. Full Protected Area Accountability	X	
7. RCS Post Accident Sample	X	
8. Search and Rescue	X	
9. Evacuation of Personnel		X
NOTE: Approx. 4 personnel will be evacuated.		
10. Monitoring at Assembly Area	X	
11. Decontamination of Contaminated Persons		X
12. Emergency Medical Assistance to contaminated-injured person.	X	X
13. Offsite Medical Response	X	
14. Power Plant Component Operation		X
15. Dispatching of Response Teams (Radiation Monitoring, Fire Brigade, Repair, etc.)	X	

*This list of items denotes the level of participation that may result if such action is requested or directed by the participants in response to scenario situations. It is not intended to be an absolute list of actions that will be taken.