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IMPORTANT TO SAFETY
NON-ENVIRONMENTAL IMPACT RELATED

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THREE MILE ISLAND NUCLEAR STATION
UNIT NO. 1 EMERGENCY PLANNING IMPLEMENTING PROCEDURE 1004.4
GENERAL EMERGENCY

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THREE MILE ISLAND NUCLEAR STATION
UNIT NO. 1 EMERGENCY PLANNING IMPLEMENTING PROCEDURE 1004.4
GENERAL EMERGENCY

1.0 PURPOSE

The purpose of this procedure is to define the conditions that shall be regarded as a General Emergency for Three Mile Island Nuclear Station (Unit 1) and to:

- a. Ensure necessary actions are taken to protect the health and safety of the public.
- b. Ensure necessary actions are taken to notify GRU Nuclear management and offsite emergency response organizations.
- c. Mobilize the emergency response organizations to initiate appropriate emergency actions.

The Plant Operations Group will take the actions necessary to implement this procedure upon identification of one or more of the Emergency Action Levels listed in Section 3.0 of this procedure. The Emergency Director shall then assume responsibility for the continuing implementation of this procedure.

:	<u>NOTE:</u>	The Emergency Director is vested with certain authority and responsibility that may not be delegated to a subordinate. Included are:	:
		a. Classification of an emergency event.	:
		b. Approving and directing official notifications to offsite agencies.	:
		c. Approving and directing information releases to the media.	:
		d. Approving and, if possible, personally conveying appropriate Protective Action Recommendations to the Bureau of Radiation Protection.	:
		e. Directing onsite evacuation at the Alert or lower level emergency classification based on potential hazard to non-essential personnel.	:
		f. Authorizing emergency workers to exceed 10 CFR 20 Radiation Exposure Limits.	:

- : g. Approving and directing deviation from :
: established operating procedures, emergency :
: operating procedures, normal equipment operating :
: limits or technical specifications during :
: attempts to control the emergency. (Note: It is :
: imperative that the Emergency Director consult :
: to the fullest extent practicable with the :
: Parsippany Technical Functions Center in arriv- :
: ing at a decision to deviate from prescribed :
: procedures.) :
-

When the designated Emergency Support Director (ESD) arrives at the site and declares himself to be ready to assume that role, he will assume overall responsibility for management of the response to the accident and recovery operations. With activation of the ESD function, the ESD specifically will assume decision authority for Items C and D. However, decision authority for Items A, B, E, F, and G will be retained by the Emergency Director (ED). Decisions on all of the listed actions normally will result from close and continuous consultation between the ESD and the ED and it is the responsibility of the ED to ensure that ESD is provided with the necessary information to arrive at timely and appropriate decisions. In the special case of event classification, the ESD shall retain the prerogative to overrule the ED if, in the judgment of the ESD, uncertainty or other considerations exist to the extent warranting classification of a higher level of emergency than that classified by the ED.

INITIALS

2.0 ATTACHMENTS

- 2.1 Attachment I, General Emergency Notifications
2.2 Attachment II, Emergency Status Report

2.3 Attachment III, Checklist for Notification of Significant Events
Made In Accordance with 10 CFR 50.72.

3.0 EMERGENCY ACTION LEVELS

3.1 Radiological Control and Containment Integrity

<u>Initiating Condition</u>	<u>Indication</u>
3.1.1 Actual or projected dose rates at the Exclusion Area boundary that if released for one hour would result in doses in excess of the lower limit EPA Protective Action Guidelines using actual containment pressures.	As determined by: a. A projected dose calculation of >1 Rem/hr (gamma) whole body at the Exclusion area boundary using actual meteorology and Reactor Building leakrate based on actual containment pressure (includes a Waste Gas Tank Rupture containing the high limit content of 8800 Ci). b. A projected child thyroid dose calculation of >5 Rem/hr at the Exclusion area boundary using actual meteorology and Reactor Building leakrate based on actual containment pressure. c. Offsite radiological monitoring reports of >1 Rem/hr (gamma) or airborne dose equivalent I131 >5 Rem/hr ($>3.2 \times 10^{-6}$ μ Ci/cc) at any offsite location.
3.1.2 Significant levels of radiation in the reactor containment building and potential loss of containment integrity.	As indicated by either: a. Dose rate on RM-G8 $>2.8 \times 10^4$ mR/hr and a Reactor Building pressure >30 psig.* b. Dose rate on RM-G8 $>2.8 \times 10^4$ mR/hr and a Reactor Building hydrogen concentration >3 percent by volume.
3.2 Security	
3.2.1 Loss of physical security control of the plant (Vital Area).	Shift Supervisor's judgment, based on advice of the Duty Security Sergeant.

3.3 General Plant Status

- 3.3.1 Other plant conditions are in progress or have occurred which may involve actual or imminent substantial core degradation or melting, with potential for loss of containment integrity, or may make release of significant amounts of radioactivity in a short time possible.

Whenever plant conditions warrant it, as judged by the Shift Supervisor/Emergency Director.

NOTE: In exercising the judgement as to the need for declaring a General Emergency, any uncertainty concerning the potential for large releases of radioactive material, the length of time the uncertainty exists, and the prospects for the early resolution of ambiguities should be considered, i.e., significant uncertainty as to the potential for large releases of radioactive material extending beyond a reasonable time period is a sufficient basis for declaring a General Emergency.

- * These indications may be determined via instrumentation that will be installed or expanded as required by NUREG 0578 prior to restart.

4.0 EMERGENCY ACTIONS

INITIALS

- ____ 4.1 Upon recognition that any of the above action levels have been reached or exceeded, the Shift Supervisor/Duty Section Superintendent shall assume the duties of the Emergency Director. (The event should be assessed and declared within 10 minutes of the occurrence.)

- ____ 4.2 Announce, or have announced, the following message over the public address system (merged):

: NOTE: Turn on Whelen siren switch. :

ATTENTION ALL PERSONNEL; ATTENTION ALL PERSONNEL: A GENERAL EMERGENCY HAS BEEN DECLARED IN UNIT 1. ALL NON-ESSENTIAL PERSONNEL IN UNITS 1 AND 2 PROCEED TO (500 KV SUBSTATION/ MIDDLETOWN SUBSTATION) (Depending on plume pathway). UPON ARRIVAL, ALL SUPERVISORS WILL ASSEMBLE and LOG THEIR PERSONNEL. PERSONNEL IN H.P. CONTROLLED AREAS REPORT TO ACCESS CONTROL POINTS. ALL MEMBERS OF THE EMERGENCY ORGANIZATION REPORT TO YOUR STATIONS. THERE WILL BE NO SMOKING, DRINKING, OR EATING UNTIL FURTHER NOTICE.

(Repeat message slowly)

- 4.3 Announce to Control Room Personnel that _____ (name) has assumed the duties of Emergency Director. The Emergency Director shall periodically (approx. every hour) consult with the lead personnel of each area involved in the emergency, and discuss:
- Status of each area.
 - Immediate action to be taken by each lead person.
 - Problem areas.
 - Recommendations on course of action.

- 4.4 Direct the sounding of the Radiation Emergency Alarm.

: NOTE: Turn off Whelen siren switch after alarm has been :
: sounded. :

- 4.5 Assign a Communicator to make notifications to persons and/or agencies per Attachment 1, Section 1.

- ____ 4.6 Assign a Communications Assistant and direct him to perform all applicable steps of Procedure 1004.8.
- ____ 4.7 Contact the Duty Section Superintendent, and discuss plant status and inform him that the on-site and off-site duty section personnel are being called.
- ____ 4.8 Depending on the emergency action level which was reached or exceeded, ensure that the appropriate Emergency Operating Procedures have been implemented.
- ____ 4.9 If local services (fire, ambulance, police) are required, direct the Communicator to notify Dauphin County Emergency Operations Center and request appropriate assistance. Notify security (N/S Gate) to begin preparations to expedite entry of responding emergency personnel (Police/Fire/Ambulance). Security should be advised to implement Procedure 1004.19 (Emergency Security/Dosimetry Badge Issuance).

: NOTE: If the Emergency Response personnel are required to :
: respond outside the protected area affected by a :
: radioactive plume, the Emergency Director or his :
: designee will direct the issuance of TLD's from the :
: North or South gate. :

- ____ 4.10 If the emergency involves Radiological problems, direct the Radiological Assessment Coordinator to implement Procedure 1004.9 (Radiological Controls during Emergencies).
- ____ 4.11 Direct the Radiological Assessment Coordinator to:
- a. Dispatch off-site and/or on-site radiation monitoring teams in accordance with Procedure 1004.10 (Onsite and Offsite Radiation Monitoring).

b. Implement Procedure 1004.7 (Onsite/Offsite Dose Projections).

- ___ 4.12 If personnel/vehicles are, or are suspected to be, contaminated, have the RAC initiate Procedure 1004.20 (Personnel/Vehicle Monitoring and Decontamination).
- ___ 4.13 Activate the Technical Support Center (Procedure 1004.28) and the Operations Support Center (Procedure 1004.29).
- ___ 4.14 If additional resources or notifications are required, refer to (Additional Assistance and Notification) Procedure 1004.6.
- ___ 4.15 Assign an individual to complete Attachment II, Section I and give it to the Radiological Assessment Coordinator to transmit to the Bureau of Radiation Protection.
- ___ 4.16 Direct the Radiological Assessment Coordinator to complete Attachment II, Section II to transmit to the Bureau of Radiation Protection.
- ___ 4.17 Stop all liquid and gaseous discharges that are in progress until an assessment of their impact is performed and specific approval is given to continue the release by the Emergency Director.
- ___ 4.18 Verify that communications and documentation are maintained in accordance with Procedure 1004.5 (Communications and Record-keeping).
- ___ 4.19 If applicable, direct the Operations Coordinator to dispatch Emergency Repair/Operations Personnel to investigate the identified problem areas(s) in an accordance with Procedure 1004.21 (Emergency Repair/Operations).

- ____ 4.20 After 30 minutes from initial contact with PEMA, confirm that BRP verification has been made. If no verification, instruct the Communicator to proceed to Attachment I, Section 1-2.e.
- ____ 4.21 Instruct the Radiological Assessment Coordinator to provide ongoing dose estimates for actual releases to the Bureau of Radiation Protection.
- ____ 4.22 If a report of Accountability has not been received within 1 hour from the time it was ordered, contact the Shift Sergeant/Security Coordinator at 8038, 8039, 8040 for a status report.
- ____ 4.23 If personnel are injured or ill and are in a radiologically controlled area or are potentially contaminated, or if person(s) have received radiation exposure greater than 25 REM; direct the RAC to implement Procedure 1004.16 (Contaminated Injuries/Radiation Overexposure).
- ____ 4.24 If person(s) have been exposed to I¹³¹ sufficient to cause a thyroid dose of greater than or equal to 25 RAD, direct the RAC to implement Procedure 1004.35 (Thyroid Blocking).
- ____ 4.25 If personnel are unaccounted for, direct the Operations Support Center Coordinator to initiate Procedure 1004.18 (Search and Rescue).
- ____ 4.26 Evaluate dose projections and estimates and, if necessary, recommend protective actions to the BRP, consistent with the guidelines in Attachment I, Section IV.

- ____ 4.27 Based upon assessment of plant conditions, the Emergency Director shall either close out the General Emergency and enter the Recovery Phase or downgrade to a lower class as follows:
- a. If Recovery Phase criteria have been met (see Procedure 1004.24) and long term recovery operations are not necessary, close out the General Emergency by directing the Communicator to perform the notifications in Attachment I, Section III.
 - b. If Recovery Phase criteria have not been met, but General Emergency Action levels are no longer being exceeded, de-escalate to a lower emergency class by notifying BRP on the Radiological Line and perform the remaining notifications in accordance with the applicable emergency procedure as specified in Step 5.1.
- ____ 4.27 If necessary, due to potential contamination of normally non-contaminated sumps and/or tanks, or the need to closely monitor liquid releases, initiate Procedure 1004.14 (Monitoring/Controlling Liquid Discharges).

5.0 FINAL CONDITIONS

- ____ 5.1 A lower class of emergency has been declared by the Emergency Director and one of the following procedures is being implemented:
- a. Site Emergency (1004.3)
 - b. Alert (1004.2)
 - c. Unusual Event (1004.1)

- ____ 5.2 The General Emergency has been closed out with the concurrence of the Emergency Support Director, since no recovery operations are required.
- ____ 5.3 The General Emergency has been shifted to a recovery mode by implementing the Procedure 1004.24 (Recovery Operations).
- ____ 5.4 At the close of the Emergency, ensure that all logs, checklists, procedures and other documentation generated in the Control Room associated with the event are gathered and sent to the Emergency Preparedness Department for review and filing.

Date

Signature of Person Responsible for
Implementing Procedure

ATTACHMENT I SECTION I

INITIAL CONTACT

INITIALS

The Communicator shall notify the following agencies and personnel, and update the Attachment I, Section II checklist after each notification.

1. Dauphin County Emergency Operation Center

: NOTE: If this is a reclassification, notify BRP on the :
: radiological line or dial [redacted] and proceed to :
: Item 3, Unaffected Control Room. :

- a. Telephone: [redacted]
(1) If no contact, activate the Dauphin County Radio System.

b. MESSAGE:

This is _____ at the Three Mile Island Nuclear
(name/title)

Station Unit 1 calling. We have declared a General Emergency
at _____ hours. (Based upon Emergency Director judgement,
(time)

use one of the following statements):

1. We have not had a radioactive release, however we have
the potential for a significant radioactive release
OR


INITIALS

2. We have had a radioactive release and offsite radiation levels are expected to be > 1 REM per hour (gamma) or a child thyroid dose commitment of > 5 REM/hour. We will keep the Bureau of Radiological Protection informed. (Give a short non-technical description of the emergency, the extent of the radioactive release, and potentially affected populations and areas.)
- _____
- _____
- _____

2. Pennsylvania Emergency Management Agency (PEMA)

: NOTE: If this is a reclassification notification, go to :
: Item 3, Unaffected Control Room. :

: NOTE: Where off-site protective actions are to be recom- :
: mended, the Emergency Director should refer to the :
: contents of Attachment I, Section IV. :

- a. Telephone: PEMA dedicated line (Use only during NORMAL work hours 0800-1600 Hrs. Monday - Friday) or  (Use when the dedicated line is out of service or after normal work hours. A diverter forwards this after normal work hours call to the PEMA Duty Officer).

: NOTE: If no contact, proceed to Step 2.d. :

INITIALS


b. MESSAGE: ASK FOR THE DUTY OFFICER

This is _____ at the Three Mile Island Nuclear
(name/title)

Station Unit I calling. We have declared an Emergency.
Give me the Operations Duty Officer. (When Duty Officer
answers): This is _____ at the Three Mile Island
(name/title)

Nuclear Station Unit 1 calling. We have declared a General
Emergency at _____ hours. We request that you contact the
(time)

Bureau of Radiation Protection. Bureau of Radiation Pro-
tection call back should be made on the Radiological Line or

 (Based on Emergency Direc-
tor's judgement, deliver one of the following statements):

1. We have not had a radioactive release, however, we have
the potential for significant radioactive release.
OR
2. We have had a radioactive release and offsite radiation
levels are expected to be > 1 REM/hour (gamma) or a
child thyroid dose commitment of > 5 REM/hour. We will
keep the Bureau of Radiation Protection informed.

INITIALS

3. Give a short, non-technical description of the emergency and the extent of the radioactive release, and potentially affected populations and areas:

- ____ c. If PEMA was unable to be contacted, contact Dauphin County; advise them that PEMA cannot be contacted and request them to notify PEMA, BRP, and Lancaster, York, Lebanon and Cumberland counties.

- ____ d. Message verification:

Expect Bureau of Radiation Protection (BRP) contact after PEMA notification. If no BRP confirmation is received within 30 minutes, notify PEMA of situation. If unable to contact PEMA, call Dauphin County and notify them that BRP has not verified initial contact. Instruct Dauphin County to contact PEMA and/or BRP.

____ 3. Unaffected Control Room

- a. Telephone: Use  or inter-control Room Hot-Line.

- ____ b. MESSAGE:

Give a brief description of plant status to Shift Supervisor

INITIALS

4. Parent and Four affected Counties

a. Telephone each county separately and deliver the message

1. Dauphin

2. York -

3. Lancaster

4. Lebanon - After hours or Weekends 73-1-272-2026 or Daytime

5. Cumberland -

b. MESSAGE:

This is _____ at the Three Mile Island Nuclear
(name/title)

Station Unit 1 calling. We have declared a General Emergency
at _____ hours. (Give a brief description of the
(time)
emergency.)

NOTE: Each county must be notified independently and the
message transmitted.

5. Institute of Nuclear Power Operations

(Do not notify if this is a reclassification notification).

a. Telephone : _____ or contact the TMI Site Operator
for assistance

INITIALS

b. MESSAGE:

This is _____ at the Three Mile Island Nuclear
(name/title)

Station Unit 1 calling. We have declared a General Emergency
at _____ hours. (Give a brief description
(time)
of the of the emergency.) _____

6.

Pennsylvania State Police

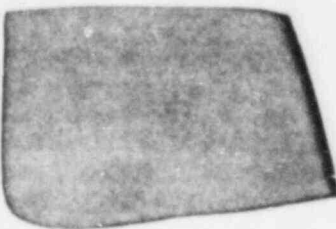
MESSAGE:

This is _____ at the Three Mile Island Nuclear
(name/title)

Station Unit 1 calling. We have declared a General Emergency
at _____ hours. We (have/have not) had a radioactive
(time)
release. We require immediate traffic control assistance in the
vicinity of the (North/South) gate.

INITIALS

7. Radiation Management Corporation

Emergencies (0800-1700) 

(1700-0800)

Office (0800-1700)

MESSAGE:

This is _____ at the Three Mile Island Nuclear
(name/title)

Station Unit I calling. We declared a General Emergency at _____
time

hours. (Give a brief description of the emergency.)

We _____ had a radioactive release. We _____
(have/have not) (do/do not)

require assistance at this time. (Describe the assistance required
if any.)

8. American Nuclear Insurers

MESSAGE:

This is _____ at the Three Mile Island Nuclear
(name/title)

Station Unit 1 calling. We have declared a General Emergency
at _____ hours. (Give a brief description of the
(time)

emergency.) We _____ had a radioactive release.
(have/have not)

INITIALS

9. If medical assistance is required, notify the following agency:
- Hershey Medical Center (ask for Duty Nurse)
Notification to be performed in accordance with procedure 1004.16.
10. Nuclear Regulatory Commission (NRC) - Bethesda, MD
(Communications with NRC will be continuously maintained following contact.)
- Telephone: NRC Emergency Notification System (ENS) (RED PHONE)
(If the ENS phone is inoperative, refer to Procedure 1004.6, "Additional Assistance and Notification", for alternate notification methods).
 - MESSAGE:
This is _____ at the Three Mile Island
(name/title)
Nuclear Station Unit 1 calling. We have declared a General
Emergency at _____ hours. (Based on Emergency Director
(time)
judgement, issue one of the following statements):
 - We have not had a radioactive release, however, we have the potential for Significant radioactive release.
OR
 - We have had a radioactive release and offsite radiation levels are expected to be >1 REM/hour (gamma) or a child thyroid dose commitment of >5 REM/hour. We will be keeping the Bureau of Radiation Protection informed.

- c. Give a short non-technical description of the emergency and the extent of the radioactive release, and the potentially affected populations and areas.

Date _____ Time of Completion _____ Completed By _____

: NOTE: After initial NRC notification is complete per :
: Attachment I, Section I above, refer to the NRC :
: Notification Checklist, Attachment III. This :
: Checklist contains information desired by the NRC :
: and may be helpful in providing follow-up :
: information. :
: _____

FOR INFORMATION ONLY

ATTACHMENT I

SECTION II

NOTIFICATION CHECKLIST

AGENCY	TIME OF INITIAL NOTIFICATION OR ESCALATION				TIME OF DE-ESCALATION OR CLOSE OUT			
	UNUSUAL: EVENT	ALERT	SITE EMERGENCY	GENERAL EMERGENCY	UNUSUAL: EVENT	ALERT	SITE EMERGENCY	GENERAL EMERGENCY
Dauphin County								
PEMA								
Unit 2 Control Room								
INPO								
NRC								
Hershey Medical Center	*	*	*	*				
State Police	*	*	*	*				
RMC	*	*	*	*				
ANI	*	*						
5 Affected Counties	N/A	N/A	N/A					

* Optional

ATTACHMENT I SECTION III

SECONDARY CONTACT

INITIALS

The Communicator shall notify the following agencies and personnel and update the Attachment I, Section II checklist after each notification.

1. Announce or have announced the following message over the plant page after turning on whelen sirens "ATTENTION ALL PERSONNEL, ATTENTION ALL PERSONNEL. The General Emergency has been terminated. (Give a brief description of the work restrictions, if any)". Repeat message and turn off whelen sirens.

2. Bureau of Radiation Protection

a. Telephone: Radiological line or

b. MESSAGE:

This is _____ at the Three Mile Island Nuclear
(name/title)

Station Unit 1 calling. We have closed out the General Emergency
at _____ hours and initiated recovery operations.
(time)

Please notify PEMA, Dauphin, Lancaster, York, Lebanon and
Cumberland counties.

3. Unaffected Control Room

a. Telephone: _____

INITIALS

b. Message:

Notify Shift Supervisor/Foreman of close out of the General
Emergency.

4. Nuclear Regulatory Commission Office - Bethesda, Md.

a. Telephone: Emergency Notification System (ENS)
(RED PHONE)

b. MESSAGE:

This is _____ at the Three Mile Island Nuclear
(name of title)
Station Unit 1 calling. We have closed-out the General Emergency
at _____ hours and initiated recovery
(time)
operations.

5. If applicable, notify the following persons and/or agencies of the
close-out of the General Emergency:

a. Hershey Medical Center (ask for Duty Nurse)

b. Pennsylvania State Police:

c. Radiation Management Corporation (RMC)

Office (0800-1700)

Emergencies (0800-1700)

(1700-0800)

d. American Nuclear Insurers:

e. Others: As directed by the Emergency Director

DATE

TIME COMPLETED

COMPLETED BY

ATTACHMENT I SECTION IV
PROTECTIVE ACTION RECOMMENDATION GUIDELINES

THESE RECOMMENDATIONS MAY BE DELIVERED ONLY BY
THE EMERGENCY DIRECTOR

1. Consideration shall be given to sheltering if:
 - a. Release time is expected to be short (Puff release, <2 hours)
(AND)
 - b. Evacuation could not be well underway prior to expected plume arrival due to short warning time, high wind speeds, and/or foul weather.
2. Consideration shall be given to evacuation if:
 - a. A release is expected to occur with projected doses approaching or exceeding:
 - 1 Rem Whole Body and/or
 - 5 Rem Child Thyroid(AND)
 - b. Release time is expected to be long (>2 hours)
(AND)
 - c. Evacuation can be well underway prior to plume arrival for above release, based upon wind speed and travel conditions.

ATTACHMENT II
EMERGENCY STATUS REPORT

SECTION I

1. Description of Emergency: _____

2. Has the Reactor tripped Yes / No
3. Did the Emergency Safeguard Systems actuate Yes / No
If so, which ones
- a. High Pressure Injection Yes / No
- b. Low Pressure Injection Yes / No
- c. Core Flood Yes / No
- d. 4 PSIG Reactor Building Isolation Yes / No
- e. Reactor Building Spray Actuated Yes / No
4. What is the status of the plant
- a. At power
- b. Hot standby
- c. Hot shutdown
- d. Cooling down
- e. Reactor Pressure _____ psig
- f. Reactor Temperature _____ °F
5. Is offsite power available Yes / No
6. Are both diesel generators operable Yes / No

7. Have any personnel injuries occurred Yes / No

If so, is the injured person(s) contaminated Yes / No

What are the approximate radiation and/or contamination levels

_____ mR/hr

_____ DPM/100 cm²

8. Are there excessive radiation levels and/or contamination

Levels Yes / No

If so, list below:

a. Radiation levels: (Whole body) _____

b. Contamination levels _____ DPM/100 cm²

At location: _____

DATE

TIME

COMPLETED BY

ATTACHMENT II
EMERGENCY STATUS REPORT
SECTION II

Fill out if a release has (is) occurring. Provide BRP all available information for verification call.

1. What is the approximate radioactive source term discharge rate from the plant (As determined by the Projected Dose Rate Calculation procedure 1004.7).
 - a. Noble gases _____ Ci/sec
 - b. Iodine _____ Ci/sec
2. What is the approximate meteorology
 - a. Wind speed _____ mph
 - b. Wind direction _____
 - c. Stability class - Stable/Neutral/Unstable
3. What is the projected whole body dose rate and the iodine concentration at the nearest offsite downwind point
 - a. _____ mR/hr
 - b. _____ uCi/cc Iodine
 - c. _____ (Location)
4. Estimated duration of the release
 - a. If the release is terminated:
Start time _____ Stop time _____ Duration _____

ATTACHMENT III

CHECKLIST FOR NOTIFICATION OF SIGNIFICANT EVENTS

MADE IN ACCORDANCE WITH 10 CFR 50.72

A. Identification:

Date _____ Time _____ Name of Person Making Report _____

Licensee _____ Facility Affected _____

Applicable Part of 10 CFR 50.72 _____

B. Description:

Date of Event _____ Time _____

Description of What Happened _____

C. Consequences of Event: (Complete depending on type of event)

Injuries _____ Fatalities _____

Contamination (personnel) _____ (property) _____

Overexposures (known/possible) _____

Safety Hazard (describe - actual/potential) _____

Offsite Radiation Levels _____

Integrated Dose _____ Location _____

Meteorology (wind speed) _____ From (direction) _____

Weather Conditions (rain, clear, overcast, temperature) _____

Equipment/Property Damage _____

D. Cause of Event: _____

ATTACHMENT III

CHECKLIST FOR NOTIFICATION OF SIGNIFICANT EVENTS

MADE IN ACCORDANCE WITH 10 CFR 50.72

E. Licensee Actions:

Taken _____
Planned _____
Emergency Plan Activitated (Yes/No) _____ Classification of Emergency¹ _____
Resident Inspector Notified (Yes/No) _____ State Notified (Yes/No) _____
Press Release Planned (Yes/No) _____ News Media Interest (Yes/No) _____
Local/National _____

F. Current Status: (Complete depending on type of event)

1. Reactor Systems Status _____
Power Level Before Event _____ After Event _____
Pressure _____ Temp. (t_{hot}) _____ (t_{cold}) _____
RCS Flow (Yes/No) _____ Pumps On (Yes/No) _____
Heat Sink: Condenser _____ Steam Atm. Dump _____
Other _____ Sample Taken (Yes/No) _____ Activity Level _____
ECCS Operating (Yes/No) _____ ECCS Operable (Yes/No) _____
ESF Actuation (Yes/No) _____
PZR or RX Level _____ Possible Fuel Damage (Yes/No) _____
S/G Levels _____ Feedwater Source/Flow _____
Containment Pressure _____ Safety Relief Valve Actuation (Yes/No) _____

¹ See Emergency Action Levels, Appendix 1, NUREG-0654, Revision 1, Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants.

ATTACHMENT III

CHECKLIST FOR NOTIFICATION OF SIGNIFICANT EVENT

MADE IN ACCORDANCE WITH 10 CFR 50.72

Containment Water Level Indication _____

Equipment Failures _____

Normal Offsite Power Available (Yes/No) _____

Major Busses/Loads Lost _____

Safeguards Busses Power Source _____

D/G Running (Yes/No) _____ Loaded (Yes/No) _____

2. Radioactivity Release _____

Liquid/Gas _____ Location/Source _____

Release Rate _____ Duration _____

Stopped (Yes/No) _____ Release Monitored (Yes/No) _____

Amount of Release _____ Tech Spec. Limits _____

Radiation Levels in Plant _____ Areas Evacuated _____

3. Security/Safeguards 2 _____

Bomb Threat: Search Conducted (Yes/No) _____ Search Results _____

Site Evacuated (Yes/No) _____

Intrusion: Insider _____ Outsider _____

Point of Intrusion _____ Extend of Intrusion _____

Apparent Purpose _____

Strike/Demonstrations: Size of Group _____

Purpose _____

² See 10 CFR 73.71(c), effective April 6, 1981.

ATTACHMENT III

CHECKLIST FOR NOTIFICATION OF SIGNIFICANT EVENTS

MADE IN ACCORDANCE WITH 10 CFR 50.72

Sabotage: Radiological (Yes/No) _____ Arson (Yes/No) _____

Equipment/Property _____

Extortion: Source (phone, letter, etc.) _____

Location of Letter _____

Demands _____

General: Firearms involved (Yes/No) _____ Violence (Yes/No) _____

Control of Facility Compromised or Threatened (Yes/No) _____

Stolen/Missing Material _____

Agencies Notified (FBI, State Police, Local Police, etc.) _____

Media Interest (present, anticipated) _____

1004.6
Revision 7
06/29/83


IMPORTANT TO SAFETY
NON-ENVIRONMENTAL IMPACT RELATED

THREE MILE ISLAND NUCLEAR STATION
UNIT NO. 1 EMERGENCY PLAN IMPLEMENTING PROCEDURE 1004.6
ADDITIONAL ASSISTANCE AND NOTIFICATION

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X  Signature 6/23/83 Date

- NA -

Signature _____ Date _____

Document ID: 0021W

THREE MILE ISLAND NUCLEAR STATION
UNIT NO. 1 EMERGENCY PLAN IMPLEMENTING PROCEDURE 1004.6
ADDITIONAL ASSISTANCE AND NOTIFICATION

1.0 PURPOSE

To provide the Emergency Director with a directory of additional emergency response personnel, organizations and agencies by organizational duties, responsibilities and disciplines. The Emergency Director is responsible for implementing this procedure.

2.0 ATTACHMENTS

- 2.1 Attachment I - Unit 1 Onsite Emergency Response Directory.
- 2.2 Attachment II - Unit 2 Onsite Emergency Response Directory.
- 2.3 Attachment III - Offsite Emergency Response Directory.
- 2.4 Attachment IV - Emergency Response Assistance Checklist.
- 2.5 Attachment V - Emergency telephone numbers for NRC notification.

3.0 EMERGENCY ACTION LEVELS

- 3.1 This procedure shall be implemented with the declaration of any class of emergency when additional emergency response personnel, organizations or agencies other than those listed on the relevant Emergency Plan Implementing Procedures are needed to assist TMI, or,
- 3.2 As requested by the Emergency Director.

4.0 EMERGENCY ACTIONS

- 4.1 In the event of a declared emergency at TMI that requires additional emergency response personnel, organizations or agencies, the following steps should be taken:
 - 4.1.1 Determine the discipline of personnel or necessary equipment that will be needed for the class of emergency declared.

- 4.1.2 Refer to Attachment I, II, or III to find the appropriate discipline, choose the personnel, organization or agency wanted and telephone number of that organization.
- 4.1.3 Emergency telephone numbers for the NRC are listed in Attachment V.
- 4.2 When called party answers, provide the following message:
- THIS IS _____ AT THE THREE MILE ISLAND NUCLEAR STATION UNIT 1
(name/title)
- CALLING. WE HAVE DECLARED A _____ AT _____ HOURS.
(Type of emergency) (time)
- TMI REQUESTS YOUR ASSISTANCE AS FOLLOWS: (State any assistance required using Attachment IV if applicable).
- 4.2.1 Identify existing problem and give brief description of problem.
- 4.2.2 Identify necessary personnel/equipment needed and request assistance.
- 4.2.3 Be sure to identify telephone number that can be used by the assisting organization to call back.
- 4.2.4 Refer to Attachment IV for assistance to be provided.
- 4.3 If further assistance is required, repeat 4.1 and 4.2 as needed.
- 4.4 Additional sources of assistance may be requested as described in the INPO Emergency Resources Manual and INPO Voluntary Assistance handbook.

5.0 FINAL CONDITIONS

N/A

ATTACHMENT I

UNIT 1 ONSITE EMERGENCY RESPONSE DIRECTORY

: NOTE: Numbers prefixed with 948 are site extensions. :

OPERATIONS

WORK PHONE NO.

Ron Toole

M. Ross

EMERGENCY CONTROL CENTER (CONTROL ROOM)

Shift Foreman's Office

Control Room - Communications Console

Control Room - Shift Foreman

Control Room - Dose Assessment (RAC)

Control Room Computer Area

OPERATIONS SUPPORT CENTER

OSC Coordinator

Radiological Controls Technicians

UNIT 1 TECHNICAL SUPPORT CENTER

TSC Coordinator

Engineers

UNIT 1 INSTRUMENT SHOP

Shop Area

Offices

PROCESSING CENTER

Security - Duty Sergeant

NRC

TMI Site Office

FOR INFORMATION ONLY

ATTACHMENT II

UNIT 2 ONSITE EMERGENCY RESPONSE DIRECTORY

: NOTE: Numbers prefixed with 948 are site extensions. :

OPERATIONS

WORK PHONE NUMBER

John Barton

Unit 2 Site Operations

Joe Chwastyk

EMERGENCY CONTROL CENTER (CONTROL ROOM)

Shift Foreman's Office

Control Room-Communications Console

Control Room-Shift Foreman

Control Room-Dose Assessment

Control Room-Computer Area

OPERATIONS SUPPORT CENTER

OSC Coordinator

Radiological Control Technicians

UNIT 2 TECHNICAL SUPPORT CENTER

TSC Coordinator

Engineers

UNIT 2 INSTRUMENT LABORATORY

Lab Area

Offices

TRAILER 214

Unit 2 Security Sergeant

NRC

TMI Site Office

FOR
INFORMATION
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ATTACHMENT III

OFFSITE EMERGENCY RESPONSE DIRECTORY

NEAR SITE EMERGENCY OPERATIONS FACILITY (TRAINING CENTER)

ANNEX TO THE NEARSITE EMERGENCY OPERATIONS FACILITY (CRAWFORD STATION)

Second Floor

First Floor

Admin and Security

Maint
and
Rad-Con

Admin and Security

Admin

Admin and Security

ENVIRONMENTAL ASSESSMENT COMMAND CENTER (HARRISBURG INTERNATIONAL AIRPORT)

General No.

Gary Baker

William Ressler

TECHNICAL FUNCTIONS PARSIPPANY

Group Leader Technical Support

Commercial Number

POLICE

Pennsylvania State Police (24 Hours)

Pennsylvania State Police Helicopters (0815-1615) (M-F)

Police Forces in York County (24 Hours)

FIRE

Londonderry Township Fire Department

Middletown Fire Department - including:

Union Hose Company

Rescue Hose Company, No. 3

Liberty Fire Company

Bainbridge Fire Department (Lancaster Co.)
(24 Hours)

York County Fire Departments

AMBULANCE

Londonderry Township Vol. Ambulance

Middletown Ambulance Service

Bainbridge Ambulance Service (Lancaster Co.)
(24 Hours)

STATION MEDICAL CONSULTANT

Dr. William Albright III

General

HOSPITALS

Hershey Medical Center (Emergency Room)

Harrisburg General Hospital

General

Emergency Room

METROPOLITAN EDISON COMPANY AND GENERAL PUBLIC UTILITIES MANAGEMENT

Met-Ed - System Safety Director (0800-1700) (M-F)

Met-Ed - Div. Safety Director (0800-1700) (M-F) Office

Home

Met-Ed - Dispatcher, Lebanon (24 Hours)

*During Duty Hours, Ask for Dispatch

Met-Ed - District Manager, Middletown

General Public Utilities

0830 - 1700

After 1700

GOVERNMENTAL AGENCIES

Dept. of Energy (24 Hours)

NRC - Office of I and E, Region 1 (24 Hours)

NRC - Middletown Office

PA Dept. of Env. Res. (BRP)

EPA - Region III Office (24 Hours) Emergency No.

Civil Defense Organization (24 Hours)

Pennsylvania Emergency Management Agency

Bureau of Radiation Protection (Nights, Weekends)

Dauphin Co.

Lancaster Co. (24 Hours)

York Co.

Cumberland Co.

Lebanon Co.

U.S. Coast Guard (Harrisburg, PA) (General)

(Nights, Weekends) (24 Hours)

Meteorological Information

National Weather Service (NWS)

Cliff Goodall, NWS Chief Meteorologist (24 hrs.)

Pa. Bureau of Air Quality Control

(Susquehanna River Forecast Center)

PARSIPPANY TECHNICAL FUNCTIONS GROUP

Group Leader Technical Support

GPU NUCLEAR CORP. CONSULTANTS

Babcock and Wilcox, Lynchburg, VA (24 hours)

Radiation Management Corp. Emergencies (0800-1700)

(1700-0800)

Office (0800-1700)

Pickard, Lowe and Garrick Assoc. Washington, D.C.

Gilbert Associates Inc., Reading, PA

Teledyne Isotopes, Westwood, NJ

Burns and Roe, Paramus, NJ

MPR Associates Inc., Washington, D.C.

Institute of Nuclear Power Operations (24 hours-Emergency)

Emergency Telecopier (0800 to 1700)

CHEM-NUCLEAR SYSTEM, INC.

Barnwell After Hours

Corporate After Hours

Marketing Representative, Larry Witt

Special Needs:

Nature of Business

Emergency Contact

1. Transportation Scheduling, M. Mattingly
2. Billing Problems, A. Rodgers
3. Solidification, Demineralization, and Decontamination, G. Hotl
4. Engineering Start-up and Training, J. Coffman
5. New Business Farmington, CT Office, P. Sigler
6. Shipment Questions or Discrepancies, J. Zawacki
7. Undefined Farmington, CT Office, P. Sigler

DOWNSTREAM RIVER WATER USERS

Brunner Island (PP and L) (24 Hours)

Wrightsville Water Supply Company

or

Mr. Miller, V.P. of Water Co. (Unlisted)

Columbia Water Company Plant (24 Hours)

Lancaster Water Company (24 Hours)

Safe Harbor Water and Power, Inc.

Holtwood Generating Station

Chester Water Authority (Exec. Manager)

(24 Hours Ans. Svc.)

Baltimore Water Supply Auth. Mr. Hudson (Bus. Hrs.)

(Weekends, Holidays) (24 Hours)

Emergency Room (Mr. Jones)

(24 hours)

or

Water Facilities Division (Pumping and Purification)

Walter Koterwas

OTHER

Harrisburg International Airport Control Tower

Middletown Line Department

York Company Office

Lebanon Company Office (Business Hours)

(Weekends, Holidays)

Keystone Helicopter Corporation

Capital Trailways Bus Company

Conrail Railroad Train Movement Coordinator (24 hrs)

Insurance - American Nuclear Insurers

UTILITIES

Pennsylvania Power and Light, Allentown, PA

Philadelphia Electric - Peach Bottom (Gen.)

(Operations Dept.)

(Whole Body Counting Dept.) Ext

Baltimore Gas and Electric

Dusquesne Light/Beaver Valley (Control Rm.)

Dusquesne Light (Corporate)

Nine Mile Point Unit 1 (Business Hours)

(Control Room)

Power Authority State of NY James A. Fitzpatrick Plant

(General)

Control Room Ext. 311

Oyster Creek (Control Room)

(Main Gate Desk at Guard House)

Salem Nuclear Station

EMERGENCY RESPONSE ASSISTANCE CHECKLIST

ATTACHMENT IV

	OYS.		PCH	BER-	CALV.
	CRK	SALEM	BTM	WICK	CLIFFS
A. Personnel					
1. H.P. Supervisors	2	2	5	2	3
2. H.P. Techs	5	5	20	5	10
3. Radio Chem Supervisors	0	0	2	0	2
4. Radiochem Techs	3		2	1	2
5. Engr-Effl. Ass	0	0	1	1	1
6. TLD Reader	0	1	1	1	1
7. EE-RMS Spec	1	0	1	0	1
8. Security Sgt.	1		0		2
9. Sec. Officers	8		0		1
B. Radiaton Detection Equipment					
1. Survey Meter-Hi	20	0	12	5	8
2. Survey Meter Hi-Telescoping	4	5	0	4	1

	OYS.		PCH	BER-	CALV.
	CRK	SALEM	BTM	WICK	CLIFFS
3. Survey Meter-Lo	5	5	4	10	8
4. SAM II	0	1	0	2	1
5. Portable Geli	1	1	1	1NaI	0
6. Shield for Geli	1	1	1		0
7. Computer and Output for Geli	1	1	1	0	0
8. uR/hr ratemeter and recorder	0	0	0	1	0
9. RM-14 Frisker	15	20	15	5	3
10. Air Sampler-lo vol.	5	3	6	2	2
11. Air Sampler-hi vol.	10	5	3	2	2
12. Gas Sampler (for later Geli Analysis	0	0	2	2	0
13. Pocket Dosimeters	200	100	100	20	200

	OYS.		PCH	BER-	CALV.
	CRK	SALEM	BTM	WICK	CLIFFS
14. Proportional Count	0	0	1	0	1
15. Liq. Scint.	1	0	0	0	0
16. Scaler-Timer and Detector	1	1	0	1	1
17. Shields for above	1	1	0	1	0
18. Rad tads	0	0	2	0	0
19. Ion Telemetry	0	0	1	0	0
C. Vehicles					
1. Station Wagon or Truck or Van for Survey Team	1	1	1	1	1
2. 110 generator	1	1	0	1	0
3. Inverter for vehicle battery	0	1	0	1	1

	OYS.		PCH	BER-	CALV.
	CRK	SALEM	BTM	WICK	CLIFFS
4. Geli Counting Lab Van	0	0	0	1	1
5. Beta Count Lab	0	0	0	0	1
6. Wind Speed and Direction Indic.	0	0	0	0	0
D. Supplies					
1. Coverall and Access. Set	2000	2000	500	500	0
2. Disposable coveralls	1000	1000	0	200	200
3. Rainsuits	500	50	200	250	10
4. Respirators	100	150	100	100	100
5. Respirator Cartridges	1000	500	400	200	100
6. Iodine Sampler Cartridges	500	200	200	250	100

	OYS.		PCH	BER-	CALV.
	CRK	SALEM	BTM	WICK	CLIFFS
7. Silver Zeolite					
Cartridges	0	200	0	0	0
8. 50 gal. plastic bags	5000	500	500	2000	1000
9. Decon Kit (skin)	1	0	0	0	0
10. Absolute Filter					
Vacuum Cleaner	2	1	0	1	0
11. Filters for above	2	1	0	2	0
12. Resp. Test Booth	0	0	0	0	0
13. SCBA (4.5)	10	20	6	5	10
14. SCBA Tanks	10	20	6	10	30
15. Port. Air Comp.	0	1	0	0	0
16. Glove Box for					
Sample Prep.	2	0	0	0	0
17. Lead Bricks	0	20	0	100	500

	OYS.		PCH	BER-	CALV.
	CRK	SALEM	BTM	WICK	CLIFFS
18. 1/4" Lead Sheet					
4x4x1/4	50	10	10	20	100
19. Lead Blankets	0		25	15	100
20. Air Sample Papers	1000	200	200	500	10000
21. Radiacwash/gal	0	0	55	35	5
22. Rad. Cal. Source	0	0	0	2	0
23. Misc. Std. for Lab Equip.	1	0	0	1	0

FOR
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ATTACHMENT V

EMERGENCY TELEPHONE NUMBERS FOR NRC NOTIFICATION

<u>TELEPHONE SYSTEM</u>	<u>TELEPHONE NUMBER</u>
1. Emergency Notification System to NRC Operations Center	(Lift Receiver from Cradle)
2. Commercial Telephone System to NRC Operations Center (via Bethesda Central Office)	202/951-0550
3. Commercial Telephone System to NRC Operations Center (via Silver Spring Central Office)	301/427-4056
4. Health Physics Network to NRC Operations Center	*22 (Touch-Tone) 22 (Rotary Dial)
5. Commercial Telephone System to NRC Operator (via Bethesda Central Office)	301/492-7000

1004.8
Revision 8
06/29/83

IMPORTANT TO SAFETY
NON-ENVIRONMENTAL IMPACT RELATED

THREE MILE ISLAND NUCLEAR STATION
UNIT NO. 1 EMERGENCY PLANNING IMPLEMENTING PROCEDURE 1004.8
CALLOUT OF ONSITE AND OFFSITE DUTY ROSTER PERSONNEL

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X Signature 6/23/83
Date

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Signature Date

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THREE MILE ISLAND NUCLEAR STATION
UNIT NO. 1 EMERGENCY PLANNING IMPLEMENTING PROCEDURE 1004.8
CALLOUT OF ONSITE AND OFFSITE DUTY ROSTER PERSONNEL

1.0 PURPOSE

The purpose of this procedure is to provide guidance for the notification of the appropriate members of the onsite and offsite Emergency Duty Section(s).

The Communications Assistant is responsible for implementing this procedure when directed by the Emergency Director.

2.0 ATTACHMENTS

- 2.1 Attachment I Instructions for Code-A-Phone Answering Machine
- 2.2 Attachment II Notification of Board of Directors, Dispatch Control Center, V.P. Nuclear Assurance and GPU Reading.

3.0 EMERGENCY ACTION LEVELS

This procedure to be initiated upon declaration of the following:

- 3.1 Unusual Event (1004.1)
- 3.2 Alert (1004.2)
- 3.3 Site Emergency (1004.3)
- 3.4 General Emergency (1004.4)
- 3.5 As directed by the Emergency Director

4.0 EMERGENCY ACTIONS

- 4.1 Callout of Onsite Duty Roster - For an unusual Event, request the Emergency Director or his designee to indicate which Duty Section members are to be contacted, if any.

- 4.1.1 Verify that a message has been placed on the Code-A-Phone in accordance with Attachment I.

4.1.2 Contact the Operations and Maintenance Director TMI/1 (If not in Control Room).

a. R. J. Toole (if Toole is the Duty Section Superintendent proceed to the next step).

b. Work phone

c. Home phone

d. Beeper

e. Message:

This is the Communications Assistant at Three Mile Island Unit I.

We have declared a(n) _____
(emergency classification)

at _____
(time)

4.1.3 Contact the Manager, Plant Operations TMI/1 (If not in Control Room)

a. M. J. Ross

b. Work phone

c. Home phone

d. Beeper

e. Message:

This is the Communications Assistant at the Three Mile Island Unit I.

We have declared a(n) _____
(emergency classification)

at _____
(time)

4.1.4 Contact the Vice-President TMI-1 (If not in Control Room)

a. H. D. Hukill

b. Work phone

c. Home phone

d. Beeper

e. Message:

This is the Communications Assistant at Three Mile Island Unit I.

We have declared a(n) _____
(emergency classification)

at _____
(time)

4.1.5 Contact Public Information Representative

a. Refer to "Onsite Duty Roster, Additional Support Personnel" for name, number, etc.

b. Message

This is the Communications Assistant at Three Mile Island Unit I.

We have declared a(n) _____
(emergency classification)

at _____
(time)

- 4.1.6 Contact the Duty Site NRC Representative (Refer to the "TMI Weekly On-Call Schedule NRC Onsite Personnel" posted on the Shift Supervisor's Bulletin Board).

a. Message:

This is the Communications Assistant at Three Mile Island Unit 1.

We have declared a(n) _____
(emergency classification)

at _____
(time)

- 4.1.7 Contact one of the four Emergency Preparedness Representatives listed below.

<u>G. J. Giangi</u>	<u>R. E. Rogan</u>
Work phone - [REDACTED]	Work phone - [REDACTED]
Home phone - [REDACTED]	Home phone - [REDACTED]
Beeper - [REDACTED]	Beeper - [REDACTED]
<u>R. F. Eherts</u>	<u>J. Brady</u>
Work phone - [REDACTED]	Work phone - [REDACTED]
Home phone - [REDACTED]	Home phone - [REDACTED]
Beeper - [REDACTED]	Beeper - [REDACTED]

Message:

This is the Communications Assistant at Three Mile Island Unit 1. We have declared

a(n) _____
(emergency classification)

at _____
(time)

For all classes of emergencies the Emergency Preparedness Representative is to ensure proper notification is made per Attachment II.

4.1.8 Contact the York Haven Power Station

a. Telephone 

b. Message:

This is the Communications Assistant at Three Mile Island Unit I.

We have declared a(n) _____
(emergency classification)

at _____
(time)

4.2 Callout of Unsite Duty Roster - required for an Alert, Site, or General Emergency or when directed by the Emergency Director.


4.2.1 Check the following locations to determine which members of the duty section have already reported in response to the emergency announcement.

a. Control Room (visual check), Shift Supervisors office (visual check).

b. Operations Support Center -

1. Phone number - 

c. Technical Support Center -

1. Phone number - 

4.2.2 Using the Duty Roster as a reference make all the remaining notifications as instructed below:

: NOTE: The Communications Assistant will record a message on :
: the Code-A-Phone. This message will announce that an :
: emergency has occurred and require the duty section :
: member to confirm his response. A rewind of the :
: message tape will provide you with a status of re- :
: sponding duty section members. (Attachment I, :
: Step 3.) :
:

a. DURING NORMAL WORKING HOURS

(WEEKDAYS 8:00 a.m. to 4:30 p.m.)

1. Call the office number listed and tell the individual to respond to his designated duty station.
2. If the person is not there or if the party doesn't answer, activate the beeper, by dialing the number listed on the Duty Roster.
3. Periodically rewind the phone recording device to determine who has responded to the phone pager activation. See Note above.

b. AFTER HOURS/HOLIDAYS, ETC.

1. Call the home phone number listed and tell the individual to respond to his designated duty station.
2. If the person is not there or if the party doesn't answer, activate the beeper, by dialing the number listed on the Duty Roster.

3. Periodically rewind the phone recording device to determine who has responded to the beeper activation. See Note above.

4.2.3 Call the Environmental Assessment Command Center at [REDACTED] or the Environmental Assessment Line, after working hours contact G. Baker below and request that the EACC be activated.

G. Baker

Work Phone [REDACTED]

Home Phone [REDACTED]

Beeper [REDACTED]

W. C. Ressler

Work Phone [REDACTED]

Home Phone [REDACTED]

Beeper [REDACTED]

4.2.4 Inform the Emergency Director when all contacts have been made and provide him with a list of individuals that can not be reached.

: NOTE: If the duty section individual has not responded to beeper activations, notify the Emergency Director of this and request that he designate a suitable replacement. :

4.3 Callout of Offsite Duty Roster - Required for a Site or General Emergency or when directed by the Emergency Director. Obtain a copy of the offsite duty roster from the Shift Supervisor's office.

: NOTE: Prior to Commencing the actual callout of the offsite duty roster personnel, inform the Unit 2 Administration Building, Green Administration Building, and Training Center Personnel that the onsite and offsite emergency organizations are to be activated. This can be accomplished by calling the following: :

: <u>Unit 2 Admin. Building</u>	: <u>Green Admin. Building</u>
: <u>J. Barton's Office</u>	: <u>Unit 2 Site Operations</u>
: [REDACTED]	: <u>Office</u>
: <u>J. Devine's Office</u>	: <u>Training Center</u>
: <u>8311 or 8313</u>	: <u>E. Brown's Office</u>
:	: <u>Dr. Knief's Office</u>

: [REDACTED] :

- 4.3.1 If an Unusual Event or Alert is declared request the Emergency Director to indicate which offsite duty members are to be contacted (if any). If a site or General Emergency is declared, proceed to step 4.3.2.

: NOTE: The offsite duty roster is divided into three :
: priority groups. The Priority one member is to be :
: contacted initially, then the priority two member, :
: then the priority three, until all members have :
: been reached. The entire offsite duty roster will :
: be activated to insure adequate staffing during the :
: initial phase of the Emergency and for recovery. :
:

- 4.3.2 Contact the offsite duty members in the following manner:

: NOTE: Personnel indicated by asterisks are Parsippany :
: based and are reached through the GPU offices in :
: Parsippany, or through the Jersey Central Power and :
: Light Company dispatcher in Morristown, NJ (71- :
: [REDACTED] The dispatcher must be :
: requested to activate TMI Emergency Pager No. 111 or :
: activate the beeper of the Parsippany duty member. :
: If Parsippany Duty Personnel do not respond to their :
: beepers, attempt to contact these individuals at :
: home. :
:

- a. During Normal Working Hours
(Workdays 8 a.m. to 4:30 p.m.)

1. Call the EOF [REDACTED] and the AEOF [REDACTED], obtain the names of the personnel that have responded, and check off their names on the Off-Site Duty Roster.
2. Call Parsippany Technical Functions (74-1 (201) [REDACTED] to inform them of the emergency, and have them activate their Technical Functions Center. Record the name of the person contacted and the time of the call.

3. Call all Priority I personnel at their office numbers, and tell the individual to respond to his designated duty station.
4. If the person is not there, activate his beeper.
5. Call all Priority II personnel by repeating steps 3 and 4 above.
6. Call all Priority III personnel by repeating steps 3 and 4 above.
7. At least once an hour, rewind the phone recording device (Code-A-Phone) to determine who has responded to beeper activation.

6. After hours/holidays, etc.

1. Call the home number listed for each Priority I position, and tell the individual to respond to their designated Duty Station.
2. If the person is not there, activate their beeper.
3. Follow steps 1 and 2 above for all Priority II personnel.
4. Follow steps 1 and 2 above for all Priority III personnel.
5. Periodically rewind the phone recording device (Code-A-Phone) to determine who has responded to beeper activation.

- 4.3.3 Update the duty roster with the appropriate information and status as to the phone calls made, the pagers activated and members responding.
- 4.3.4 Inform the Emergency Director when all contacts have been made and provide the Emergency Director with a list of individuals that cannot be reached.

: NOTE: If any of the duty roster positions have not been :
: filled, notify the Emergency Director or the :
: Emergency Support Director and request that he :
: designate a suitable replacement. :

5.0 FINAL CONDITIONS

- ___ 5.1 The members of the onsite duty section have been notified and are responding.
- ___ 5.2 If applicable, the members of the offsite duty roster have been notified and are responding.
- ___ 5.3 Appropriate message has been placed on the Code-A-Phone.

ATTACHMENT I

INSTRUCTIONS FOR CODE-A-PHONE ANSWERING MACHINE

CONTROL PHONE: Located in Shift Supervisor's Office

This is a telephone answering machine utilized to maintain a record of personnel responding to an emergency.

OPERATION:

1. To place out-going message on machine.
 - A. Position selector on machine front to "ANN-REC".
 - B. Pick-up handset.
 - C. Depress button on handset and begin recording the following message.

"This is _____ at Three Mile Island Unit I
(name)

Control Room. An emergency has been declared in
Unit _____. All members of the _____
(I or II) (Onsite/Offsite)

Emergency Organization report to your stations. At
the tone leave your name, position you will be
filling and your expected time of arrival".
 - D. Upon completion of message, release button on
handset and position selector on machine front to
"ANS-REC".
2. To check announcement.
 - A. Position selector on machine front to "ANN-CHECK".
 - B. If speaker switch is not in the "out" position then
pick-up handset and depress button. Message will be
heard on handset. If speaker switch is in the "out"
position, the message will be heard on the speaker.

ATTACHMENT I (Cont'd)

3. To check incoming calls.

- A. Set the selector on machine front to "Play".
- B. Rewind tape by placing rewind-fast forward lever to the rewind position (left). Once tape has been rewound, reposition the rewind-fast forward lever to the mid-position.
- C. To listen to incoming calls proceed to step 2B above. Call Unit 2 Control Room at EXT. [REDACTED] and ensure they put the same message on their Code-A-Phone.

: NOTE: Periodically contact Unit 2 to find out which :
: personnel have responded on their phone in order to :
: check them off on the roster. :

4. Insure at the termination of a drill or an emergency, the following message is placed on the Code-A-Phone by performing Step 1. For Step 1 use the following message: "This is Three Mile Island Unit ____
- There currently is no emergency situation in Unit _____. If you have been paged, and do not suspect a false alarm, please contact your Supervisor or the Unit _____ Control Room."


ATTACHMENT II

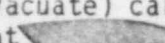
notification of Board of Directors, Vice President Nuclear Assurance and GPU-Reading Dispatch Control Center.

1. For all classes of emergencies notify:

GPU Reading Dispatch Control Center

Phone  GPU Reading

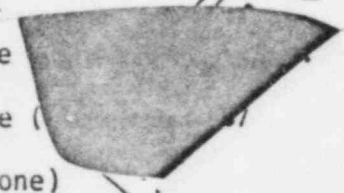
Load Director's desk 

NOTE: When Site evacuation is ordered, the Emergency Assembly Area Coordinator shall (upon receiving the message to evacuate) call the Met-Ed Lebanon dispatcher (at ) and request that a Transmission and Distribution may be sent to the Substation to which the evacuation is being directed (i.e. Middletown or 500 KV).

2. For an Alert, Site, or General Emergency, also notify the following individuals:

V.P. Nuclear Assurance

R.L. Long


Work Phone 


Home Phone ()

Beeper (None)

R.C. Arnold

Work Phone 8189


Additional Office 


Home Phone 

Beeper 


S. Barchoff


Work Phone 


Home Phone 

Beeper 

B.H. Cherry

Work Phone 

Home Phone 

Beeper ()

ATTACHMENT II (Cont'd)

P.R. Clark

Work Phone

Home Phone

Beeper

W. Verrochi

Work Phone

Home Phone

Beeper None

H. Dieckamp

Work Phone

Home Phone

Beeper

J.R. Leva

Work Phone

Home Phone

Beeper NONE

W. Kuhns

Work Phone

Home Phone

Beeper

F.J. Smith

Work Phone

Home Phone

Beeper NONE