557

RELATED CORRESPONDENCE

PHILADELPHIA ELECTRIC COMPANY

2301 MARKET STREET

P.O. BOX 8699

PHILADELPHIA, PA. 19101

(215) 841-4000

DOCKETED
USNRC

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OFFICE OF SECRETARY
DOCKETING & SERVICE
BRANCH

EDWARD G. BAUER, JR.
VICE PRESIDENT
AND GENERAL COUNSEL

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DONALD BLANKEN
RUDOLPH A. CHILLEMI
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THOMAS H. MILLER, JR.
IRENE A. McKENNA
ASSISTANT COUNSEL

September 18, 1985

Ms. Phyllis Zitzer
Ecology Action
762 Queen Street
Pottstown, PA 19464

Re: Limerick Generating Station, Units 1 and 2
Docket Nos. 50-352 and 50-353

Dear Ms. Zitzer:

In accordance with the Board's Order of June 1, 1982, I am forwarding to you copies of correspondence and documents regarding emergency planning among Applicant, NRC Staff, the Commonwealth of Pennsylvania and other responsible governmental agencies.

Very truly yours,

Edward J. Cullen, Jr. /pkc

Edward J. Cullen, Jr.

EJC,JR./pkc
Enclosures
cc: See Attached Service List

0006q

8509300218 850918
PDR ADOCK 05000352
F PDR

DS03

cc: Troy B. Conner, Jr., Esq. (w/enclosure)
Ann P. Hodgdon, Esq. (w/enclosure)
Mr. Frank R. Romano (w/o enclosure)
Phyllis Zitzer (w/enclosure)
Mr. Robert L. Anthony (w/o enclosure)
Zori G. Ferkin, Esq. (w/enclosure)
Mr. Thomas Gerusky (w/o enclosure)
Director, PEMA (w/o enclosure)
Charles W. Elliott, Esq. (w/o enclosure)
Angus Love, Esq. (w/o enclosure)
David Wersan, Esq. (w/o enclosure)
Robert J. Sugarman, Esq. (w/o enclosure)
Kathryn S. Lewis, Esq. (w/o enclosure)
Spence W. Perry, Esq. (w/o enclosure)
Jay M. Gutierrez, Esq. (w/o enclosure)
Atomic Safety & Licensing Appeal Board (w/o enclosure)
Atomic Safety & Licensing Board Panel (w/o enclosure)
Docket & Service Section (w/enclosure - 3 copies)
E. M. Kelly (w/o enclosure)
Timothy R. S. Campbell (w/o enclosure)

RELATED CORRESPONDENCE

SOUDERTON AREA SCHOOL DISTRICT

District Office 139 Harleysville Pike Souderton, Pennsylvania 18964

Telephone (215) 723-6061

DR. ROYDEN S. PRICE, Superintendent of Schools
DR. ALEXANDER GRANDE III, Assistant Superintendent of Schools
DR. D. E. FITZPATRICK, Director of Pupil Services
ROBERT SALANIK, Business Manager

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OFFICE OF SECRETARY
DOCKETING & SERVICE
BRANCH

August 30, 1985

Mr. John Cunnington
Energy Consultants, Inc.
Riverside Office Center #3
2101 N. Front Street
Harrisburg, PA 17110

Dear Mr. Cunnington:

Now that our staff is returing to work, I would like to set up a meeting to review Draft 5 of our Radiological Emergency Response Plan. I am suggesting that we meet at 3:30 p.m., on September 17, 1985. Please let me know as soon as possible if this time and date are suitable.

Thank you for your consideration.

Sincerely,

Royden S. Price

Royden S. Price
Superintendent

RSP:jwr

Service

PHOENIXVILLE AREA SCHOOL DISTRICT

DR. ROBERT B. MURRAY, SUPERINTENDENT

August 27, 1985

Mr. Henry C. Tamanini
Energy Consultants, Inc.
Riverside Office Centre 3
2101 N. Front Street
Harrisburg, PA 17110

Dear Henry,

As per your request, I have enclosed copies of the signature page for our Emergency Preparedness Plan. I trust that 12 copies will be sufficient.

Please give me a call if you have any other suggestions or needs.

Sincerely,

Robert B. Murray, Ed.D.
Superintendent

RBM:lsg

Encl: as stated

PROMULGATION

RESOLUTION OF THE PHOENIXVILLE AREA SCHOOL DISTRICT BOARD OF EDUCATION

THIS PLAN IS ADOPTED AS THE PHOENIXVILLE AREA SCHOOL DISTRICT RADIOLOGICAL EMERGENCY RESPONSE PLAN FOR INCIDENTS AT THE LIMERICK GENERATING STATION. THIS PLAN IS DESIGNED TO COMPLY WITH ALL APPLICABLE FEDERAL AND STATE REGULATIONS AND PROVIDES THE POLICIES AND PROCEDURES TO BE FOLLOWED IN DEALING WITH SUCH AN INCIDENT.

THIS PLAN SUPERSEDES ALL PREVIOUSLY DEVELOPED PLANS OF THE PHOENIXVILLE SCHOOL DISTRICT FOR RESPONSE TO AN INCIDENT AT THE LIMERICK GENERATING STATION.

ADOPTED THIS 15th DAY OF August, 1985

PHOENIXVILLE AREA SCHOOL DISTRICT BOARD OF EDUCATION

Raymond A McGowan
PRESIDENT

Robert B. Murray
SUPERINTENDENT OF SCHOOLS

Eugene M Edwards
SECRETARY

RESOLUTION # 2

EC PLANNING AND MANAGEMENT SERVICES
Riverside Office Center 3 • 2101 N. Front St. • Harrisburg, PA 17110 • (717) 236-0031

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RELATED CORRESPONDENCE

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OFFICE OF SECRETARY
DOCKETING & SERVICE
BRANCH

September 5, 1985

Mr. Charles Meehan
Emergency Management Coordinator
Upper Frederick Township
Box 156
Frederick, PA 19435

Dear Mr. Meehan:

Enclosed for your review and comment are five (5) copies of Draft 7 of the Upper Frederick Township Radiological Emergency Response Plan and associated Implementing Procedures. This draft reflects those changes resulting from the recent federal/state informal review. A symbol "§" has been placed in the left-hand margin adjacent to each change to assist you in locating them.

If you have any questions or desire additional changes, please feel free to contact me.

Thank you for your continued cooperation.

Sincerely,

Ronald L. Deck

RLD/dlu
DU95853

Enclosure

cc: Montgomery County OEP w/atch

A Division of Energy Consultants • 1370 Washington Pike, Bridgeville, PA 15017 • (412) 257-1350

UPPER FREDERICK TOWNSHIP

MONTGOMERY COUNTY

RADIOLOGICAL EMERGENCY RESPONSE PLAN

FOR INCIDENTS AT THE

LIMERICK GENERATING STATION

August 1985

Copy Number ____

Draft 7

PROMULATION

THIS PLAN SUPERCEDES ALL OTHER UPPER FREDERICK TOWNSHIP PLANS DEVELOPED FOR EMERGENCY MANAGEMENT IN THE EVENT OF AN INCIDENT AT THE LIMERICK GENERATING STATION. THIS PLAN WAS APPROVED BY THE BOARD OF SUPERVISORS UNDER RESOLUTION _____ DATED _____.

BOARD OF SUPERVISORS

_____
CHAIRMAN

_____
VICE CHAIRMAN

_____
SECRETARY

_____

_____

_____
EMERGENCY MANAGEMENT COORDINATOR

UPPER FREDERICK TOWNSHIP

RECORD OF CHANGES

CHANGE NUMBER	DATE OF CHANGE	DATE ENTERED	CHANGE MADE BY (SIGNATURE)

ANNUAL REVIEW CERTIFICATION

I hereby certify that I have reviewed the Upper Frederick Township Radiological Emergency Response Plan (RERP). All necessary changes have been coordinated through the county and incorporated into the plan. Distribution of changed pages has been made to all recorded holders of the plan.

Date	Signature

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UPPER FREDERICK TOWNSHIP

RADIOLOGICAL EMERGENCY RESPONSE PLAN

I. INTRODUCTION

A. Authority

The Upper Frederick Township Radiological Emergency Response Plan (RERP) has been developed under the authority of, and in accordance with, the provisions of the Pennsylvania Emergency Management Services Act of 1978, P.L. 1332.

B. References

1. U.S. Nuclear Regulatory Commission and the Federal Emergency Management Agency, "Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants," NUREG-0654, FEMA-REP-1, Rev. 1, November 1980.

2. Montgomery County Radiological Emergency Response Plan for Incidents at the Limerick Generating Station, dated _____.

3. Commonwealth of Pennsylvania, Disaster Operations Plan, July 1977 with changes.

4. Annex E, "Fixed Nuclear Facility Incidents," dated November 1981, to the Commonwealth of Pennsylvania Disaster Operations Plan, with changes.

5. Municipal Resolution No. _____.

C. Purpose

The intent of this document is to provide for the maximum protection of those persons who live, work, or transit Upper Frederick Township in the event of an incident at the Limerick Generating Station.

D. Scope

This plan outlines the basic procedures Upper Frederick Township will follow in the event of an incident at Limerick Generating Station. It complies with federal guidelines and details municipal actions in accordance with Annex E of the Commonwealth of Pennsylvania Disaster Operations Plan and the Montgomery County Radiological Emergency Response Plan.

All of Upper Frederick Township is within the plume exposure pathway EPZ (reference Attachment A and Attachment J). The approximate population is 1,759.

E. Definitions

Some of the terminology presented in this document, or which one might encounter during a radiological incident, is somewhat unique. Accordingly, for a better understanding of the RERP it is essential that emergency response personnel familiarize themselves with the following definitions:

1. Access Control Point (ACP) - Control Points manned primarily by State or municipal police, augmented when necessary by the National Guard, established around the perimeter of the plume exposure pathway EPZ on roads leading into it when it is evacuated or occupants are taking shelter for the purpose of controlling access into the area.

2. Activate/Activation - To place a specific plan, or portion thereof, into action.

3. Amateur Radio - Licensed volunteer radio amateur communications personnel affiliated with county emergency management organization. Such organizations include Amateur Radio Emergency Service (ARES) and Radio Amateur Civil Emergency Services (RACES).

4. Central Resource Receiving Point - A predesignated facility operated by the county and located outside the plume exposure pathway EPZ and suitable for the reception and distribution of supplies and equipment.

§ 5. Dosimeters - Pocket-sized devices that measure accumulated exposure to radiation.

6. Emergency Broadcast System (EBS) Announcements - Officials announcements made at the county level for the specific purpose of providing instructions or information from the County Commissioners, or their designated representative, to the permanent and transient residents of the county. Announcements are made over the legally designated alerting and warning (EBS) Network.

7. Emergency Planning Zone (EPZ) - A generic area defined about a nuclear facility to facilitate offsite emergency planning and develop a significant response base. It is defined for the plume and ingestion exposure pathways.

   a. Plume Exposure Pathway - The area surrounding a fixed nuclear facility which potentially is subject to radiation exposure as a result of an incident involving

radioactive material emanating from the facility. Such potential exposure could involve: (a) whole body external exposure to gamma radiation from the plume and from deposited materials, and (b) inhalation exposure from the passing radioactive plume. The EPZ for this pathway consists of an area of approximately ten miles in radius around the fixed nuclear facility. (The exact size and configuration of each plume exposure pathway EPZ for the respective fixed nuclear facility in Pennsylvania were determined in relation to local emergency response needs and capabilities as they are affected by conditions such as demography, topography, access routes, and jurisdictional boundaries).

b. Ingestion Exposure Pathway - That area surrounding a fixed nuclear facility which, as a result of a release of radioactive material, is a potential source of exposure through the ingestion of water and foods, such as milk or fresh vegetables originating there. This EPZ consists of a circular area of 50 miles radius around the fixed nuclear facility.

8. Fixed Nuclear Facility Incident - An event or condition at a nuclear facility which could result in impact on public health and safety. Four incident classes have been developed to facilitate planning and responses:

a. Unusual Event - An occurrence which indicates a potential degradation of the level of safety of the facility. No releases of radioactive material requiring offsite response or monitoring are expected unless further degradation of safety systems occurs.

b. Alert - An occurrence which involves actual or potential substantial degradation of the level of safety of the facility. Any releases are expected to be limited to small fractions of the Environmental Protection Agency (EPA) protective action guideline exposure levels.

c. Site Emergency - An occurrence which involves actual or likely major failures of facility functions needed for the protection of the public. Radioactive releases are not expected to exceed the EPA protective action guideline exposure levels except near the site boundary.

d. General Emergency - An occurrence which involves actual or imminent substantial core degradation or melting with the potential for loss of containment integrity. Releases can reasonably be expected to exceed EPA protective action guideline exposure levels offsite for more than the immediate site area.

NOTE: The incident classifications of Site and General Emergency should not be confused with a gubernatorial declaration of "State of Disaster Emergency." See definition below.

9. Mass Care Center - Fixed facilities suitable for providing emergency lodging for victims of a disaster left temporarily homeless and capable of providing all essential social services. Feeding may be done within a Mass Care Center (in suitable dining facilities) or nearby.

10. Mobilize - The act of bringing a staff, department, or agency to the strength required to accomplish its mission on a 24-hour basis; including the pre-positioning or movement of equipment or personnel.

11. Municipality - For the purposes of this plan, the terms "municipality" or "municipal government" are defined as referring, singularly or collectively, to cities, boroughs, townships and incorporated towns within the Commonwealth of Pennsylvania.

12. Notify - To inform or report the occurrence of an incident.

13. Parent County - The county in which the facility is physically located.

14. Potassium Iodide (chemical symbol KI) - A drug that offers some protection to the thyroid gland from injury due to accumulation of radioiodine.

15. Protective Action - An action taken to avoid or reduce a projected dose of radiation. Some of the basic actions are:

    a. Sheltering - Action taken by the public to take advantage of the protection against radiation exposure afforded by remaining indoors, away from doors and windows, and shutting off all sources of outside air during and following the passage of the radioactive plume. Motorists should close all windows and vents.

    b. General Evacuation - The relocation of the entire population from the plume exposure pathway EPZ.

    c. Selective Evacuation - The relocation of specific elements of the population, such as pregnant women, pre-school children or the infirm.

16. Protective Action Guide (PAG) - A pre-established projected radiation dose to individuals which warrants protective action.

17. Projected Radiation Dose - An estimate of the radiation dose which affected individuals could potentially receive if protective actions are not taken.

18. RACES or ARES - Radio Amateur Civil Emergency Service or Amateur Radio Emergency Service. Licensed amateur radio operators who are trained and volunteer to provide back-up radio communications as requested by state and county emergency management agencies.

19. REACT - Radio Emergency Action Citizens Team. Licensed citizens band radio operators affiliated with county emergency management agencies.

20. RECALL - The RECALL is a computer based telephone notification system developed specially for emergency services and emergency management applications.

    Within the application for the Limerick radiological emergency response plans (RERP), the system is located at the County Office of Emergency Preparedness and is programmed with the telephone numbers and message(s) of the key individuals, institutions and special facilities which require notification during the implementation of the RERP.

    The system is activated by the county, and it sequentially and simultaneously contacts the parties by telephone, provides a pre-recorded message and awaits an acknowledgement code. The system then provides a management report to indicate the calls which have been made, the status (no answer, answer, busy, etc.) and other information. If the called party does not furnish the acknowledgement code, the system will continue to call the party until the code is received or another parameter is reached. Busy lines will be re-tried and alternate numbers used for after hours or in the event a contact cannot be made at the primary number due to busy, no-answer, or failure to acknowledge.

21. Reception Center - A predesignated site outside the plume exposure pathway EPZ through which evacuees will pass to obtain information and directions to Mass Care Centers.

22. Risk County - A county with area located partially or wholly within the plume exposure pathway EPZ of a nuclear facility.

23. Risk Municipality - A municipality with area located partially or wholly within the plume exposure pathway EPZ of a nuclear facility.

§ 24. Route Alerting - As a supplementary alert procedure route alerting will be conducted as necessary each time the public alert system is activated. Route alerting is a municipal

responsibility and is to be accomplished by pre-designated route alert teams travelling along preassigned routes delivering the following message: "There is an emergency at the Limerick Generating Station; please ture to your Emergency Broadcast Station."

25. Standby Status - The term used to describe state of readiness. Standard operating procedures have been reviewed; material, communications and required supplies are available and adequate for initial operations; and sufficient personnel are on hand to commence operations. Augmentation personnel necessary for sustained operations are alerted and ready to report for duty when called.

26. State of Disaster Emergency - A state of disaster emergency exists whenever the Governor issues a declaration of disaster emergency. A disaster emergency shall be declared by executive order or proclamation of the Governor at any time upon finding that a disaster has occurred or that the occurrence or the threat of a disaster is imminent. The state of disaster emergency continues until the Governor finds that the threat or danger has passed and terminates it by executive order or proclamation, but no state of disaster emergency may continue for longer than 90 days unless renewed by the Governor. The term "state of disaster emergency" is not to be confused with the emergency classification terms called Site Emergency and General Emergency.

27. Support County - The county or counties outside the plume exposure pathway EPZ of a nuclear facility that, through prior agreement, will provide support to a risk county in the event of an incident. Depending on size and location, the same county may be both a risk and support county.

§ 28. Traffic Control Points (TCP) - Manned posts established at critical road intersections for the purpose of controlling or limiting traffic flow. TCP's are used to control evacuation movement when an emergency situation requires it.

29. Unmet Needs - Capabilities and/or resources required to support emergency operations but neither available nor provided at the respective levels of government.

F. Objectives

1. Define responsibilities, clarify lines of authority, and establish lines of communication.

2. Ensure that planned actions are current and in consonance with those of surrounding jurisdictions, as well as with the Montgomery County RERP.

3. Identify personnel, resource, and facility requirements necessary for the safe and efficient execution of the Plan.

4. Provide a basis for functional implementing procedures.

5. Ensure that the population of Upper Frederick Township is informed as to the basic concepts of the Plan and their possible protective actions.

II. BASIC PLAN

A. General

Because a variety of local government jurisdictions are found within the plume exposure pathway EPZ of the Limerick Generating Station (reference Attachment A) all of which might be expected to implement their respective RERP's simultaneously, the safety of the public can best be served through an emergency plan that is in consonance with those of surrounding jurisdictions, as well as with the Montgomery County RERP. Accordingly, the Upper Frederick Township RERP has been developed in such a manner that it will function harmoniously with other plans without risk of conflict.

B. Municipal Government Emergency Operations

1. Municipal Government - Emergency Organization Structure

   a. See Emergency Organization Chart (reference Attachment B).

2. Responsibilities

   a. Provide an emergency operations center (EOC) with a qualified person (emergency management coordinator) to coordinate the center.

   b. Develop radiological emergency response plans in consonance with the county plan.

   c. Supplement the public alert system to alert the population within the municipality who may not have received the initial alert.

   d. Provide for municipal security to include security of the area if evacuation has occurred.

   e. Provide for fire and rescue protection to include continued fire protection if the area has been evacuated.

   f. In the event of a general emergency classification, ensure that municipal traffic control points are manned in preparation for evacuation.

   g. Provide training for all volunteers operating in the emergency management agency of the municipality.

   h. Ascertain unmet needs and report these to the county emergency management agency.

i. Maintain a current list of the location of homebound invalids and handicapped persons requiring special medical care and provide for the special needs of these persons including transportation.

j. Facilitate return of evacuees after reentry is recommended.

3. Emergency Services

a. Direction and Coordination

(1) The Board of Supervisors has the responsibility for the safety and protection of the public within Upper Frederick Township, as well as providing direction and control of the emergency organization.

(2) Under a declaration of disaster emergency, the ultimate direction of emergency services (i.e., firefighting, police, medical and health, rescue, etc.) is the responsibility of the municipality (reference P.L. 1332).

(3) Supplemental emergency support personnel shall be under the operational control of the municipality.

(4) Support forces furnished by other political subdivisions shall be under the operational control of the jurisdiction furnishing the force (reference P.L. 1332).

(5) Because of the multi-jurisdictional scope of a radiological emergency, the county shall exercise responsibility for coordination and support to the area of operations (reference P. L. 1332).

(6) Normal dispatch and operational procedures will be used whenever possible.

(7) Coordination between the counties involved shall be accomplished by the Pennsylvania Emergency Management Agency (PEMA).

b. Functional Areas

The following functional areas and associated tasks are essential:

(1) Emergency Management

(a) Develop and maintain the Upper Frederick Township RERP.

(b) Coordinate emergency operations in accordance with the approved RERP and as directed by the Board of Supervisors.

(c) Develop and maintain any necessary Letters of Agreement (reference Attachment C).

(d) Determine unmet needs as a result of RERP implementation and inform the County EOC.

(e) Maintain expense records of personnel and resource utilization resulting from RERP implementation.

(f) Establish and maintain EOC security during RERP implementation.

(g) Participate in training, drills, and exercises.

(2) Law Enforcement (Police Services)

Note: This function assigned to the Emergency Management Coordinator.

(a) Ensure that designated Traffic Control Points (TCP's) located within the municipality are manned when necessary (reference Attachment D and Attachment Q).

(b) Provide continued area security, conditions permitting, during the emergency.

(c) Assist in traffic control during reentry, as necessary.

(3) Fire Services

(a) Provide for adequate fire/rescue emergency coverage during a radiological emergency.

(b) Provide for route alerting of the population (reference Attachment E).

(4) Medical/Ambulance Services

Note: This function assigned to the Transportation Officer.

(a) Provide for adequate ambulance coverage during a radiological emergency.

(b) Prepare and maintain a list of non-institutionalized residents having special medical requirements (reference Attachment F).

(c) Provide guidance to outside ambulance resources upon their arrival at the municipality.

(d) Monitor movement of non-ambulatory individuals requiring transportation by ambulance and/or provision of special medical equipment.

(1) Public Works

Note: This function assigned to the Emergency Management Coordinator.

(a) Maintain a current listing of equipment resources.

(b) Assist law enforcement in obtaining material for traffic control purposes.

(c) When directed by the Board of Supervisors ensure that municipal roadways are cleared.

(2) Radiological

Note: This function assigned to the Fire Services Officer.

(a) Receive, prepare for distribution, and distribute to emergency workers dosimeters and radioprotective drugs when necessary.

(b) Assist in the administration of the County's Radiological Exposure Control Program.

(c) At termination of the emergency, collect dosimeters, forms and unused radioprotective drugs from emergency workers, inventory, and prepare for return to the County EOC.

(d) Ensure the training of municipal EOC personnel and emergency workers in the use of dosimeters/KI.

(3) Transportation

(a) Prepare and maintain a list of those residents who lack transportation (reference Attachment G).

(b) Provide for the direction and control of outside transportation resources upon their arrival at the municipality.

(4) Communications

Note: This function assigned to the Emergency Management Coordinator.

Determine requirements for reliable communications with the county and within the municipality specific to RERP implementation.

1. Emergency Operations Center (EOC)

a. The Upper Frederick Township EOC is located at the Township Building, Route 73, Obelisk, PA. See EOC floor plan (reference Attachment H).

b. It shall be activated when directed by the Emergency Management Coordinator (EMC) or by the Board of Supervisors.

c. When activated, it shall be staffed by:
(1) Emergency Management Coordinator

(2) Fire Services Officer

(3) Transportation Officer

d. The EOC shall function as a central point for coordinating the operations of the Upper Frederick Township emergency response personnel.

e. For incident classifications of "Site Emergency" and higher, operations shall be conducted 24-hours a day. Sufficient personnel will be available to maintain 24-hour operation.

§

f. The alternate EOC is located at the Upper Perkiomen Senior High School.

C. Communications

1. Telephone

The primary means of communicating to/from the Municipal Emergency Operations Center (EOC) will be the telephone.

2. Two-Way Radio

The usual police and emergency service radio nets will be used for the dispatch of emergency services and the dissemination of information.

3. RACES

The County will provide a RACES operator and radio to the EOC at an emergency classification of Alert or immediately if the initial classification is higher. This system will provide back-up communications capability; it will also provide the primary means of notification for classification changes and protective actions.

4. Rumor Control

Rumor control will be handled at the County level. The telephone number is 631-9700.

D. Alert/Notification Systems

1. Municipality/Emergency Response Personnel

a. In the event of an incident at the Limerick Generating Station, initial notification will be provided to the Upper Frederick Township Emergency Management Coordinator (EMC) or his designated alternate(s) via the RECALL system as activated by the Montgomery County Communications.

b. The Upper Frederick Township elected officials and EOC staff will be notified by the EMC or designated alternate (reference Attachment I).

c. Incident classification and protective action information will normally be provided by the county via RACES and confirmed by a County-initiated telephone call.

2. Public

a. Public Alert System

(1) When required, the public will be alerted through a public alert system installed and maintained by Philadelphia Electric Company.

(2) The system consists of approximately 165 high output mechanical sirens strategically located throughout the approximate ten-mile emergency planning zone. Those sirens located within Montgomery County will be activated by the County OEP.

(3) In coordination with PEMA, the public alert system may be activated (a) when there is significant information that will reassure the public of their safety; (b) when the public is to be informed of a plant status that may lead them to implement specific actions on their own; or (c) when specific actions (to include protective actions) are to be taken by the public. The purpose of the public alert system is to alert the public to tune to their Alert and Warning/Emergency Broadcast System (EBS) radio or TV station for information and instructions.

(4) Notification is accomplished through the EBS. Pre-written EBS announcements are contained in Annex D of the Montgomery County RERP. The EBS stations for Montgomery County are KYW-1060 AM; WIBF-104 FM; WPAZ-1370 AM; WNPV-1440 AM; WZZD-990 AM; WGHW-1110 AM; WBYO-107.5 FM; Pottstown Community Television.

b. Route Alerting

(1) Route alerting involves the use of vehicles/personnel traveling predesignated routes within the municipality. Public address systems are used to instruct residents to tune to their Alert and Warning/EBS station. This procedure is used as a supplement to the public alert system where there is a known system failure or area of inadequate coverage and to alert the hearing impaired. §

(2) The municipality has been divided into sectors facilitating route alert team assignments (reference Attachment E).

(3) Route alert teams will be dispatched via normal dispatch procedures to those areas where there is a known failure of the public alert system.

c. Hearing Impaired (reference Attachment F)

Route Alert personnel will be charged with alerting the hearing impaired. They will be dispatched by the municipal EMA to the residences of previously identified hearing-impaired persons immediately upon the activation of the public alert system. The hearing-impaired will be provided a pre-printed card which indicates that an emergency situation exists, directs them to review their public information brochures and requests them to establish contact with a relative, friend or neighbor who can provide them with information being provided over the EBS network (reference Attachment E, Tab 2). §

E. Protective Actions

1. Sheltering

The nature of an incident may be such that the most effective measure to protect the public would be to have them go indoors, stay away from windows and doors, and shut off all sources of outside air (air conditioning, vents, etc.); motorists would be instructed to close windows and vents.

2. Evacuation

Evacuation is a protective action option which involves movement of the population from the plume exposure pathway EPZ. It may be accomplished on a selective or general basis.

a. Selective Evacuation

Selective evacuation involves the relocation of specific categories of persons, such as pregnant women, pre-school children, and others who may be highly susceptible to the hazards of radiation.

b. General Evacuation

General evacuation involves the relocation of the entire population from the plume exposure pathway EPZ.

c. Authorization and Control

(1) The Governor, or his constitutionally designated successor, has the sole authority and responsibility for directing and compelling a selective or general evacuation.

(2) The Governor, or the highest ranking elected county or municipal official in authority may recommend an evacuation for their respective jurisdictions.

(3) PEMA has the primary responsibility for directing and controlling an evacuation order made by the Governor.

d. Evacuation Routes

(1) When necessary, Upper Frederick Township will be evacuated via local roads to Route 63 East to Route 113 North (reference Attachment J and Attachment Q). Those who require mass care support should go to the reception center located at County Line Plaza where they will be directed to an appropriate mass care center.

(2) There will be no changes in normal traffic patterns in and out of the EPZ during an evacuation. This is necessary to accommodate the movement of support resources, i.e., buses, ambulances, etc., into the area.

e. Transportation

(1) The primary means of evacuation will be the private automobile, augmented by bus transportation, as required. Evacuees will be urged to use any available means of private transportation.

(2) Information concerning of persons without a source of private transportation is found in Attachment G. Unmet transportation resource requirements will be reported to the county transportation officer.

(3) Individuals without transportation should contact the Upper Frederick Township EOC at 754-6436 to arrange for pickup.

(4) Transportation resources will be assembled at the Municipal staging area located at the EOC (reference Attachment Q). An emergency worker will be assigned to each vehicle for the purpose of providing directions to the assigned residences of those persons requiring assistance. These individuals will be taken to the designated reception center; from there they will be taken to a mass care center.

(5) Transportation requirements for hospitals, nursing homes and public and private schools have been prearranged and will be coordinated by the county. Transportation resources allocated for evacuation of the aforementioned facilities are identified in the county RERP and are not considered as municipal transportation resources.

(6) Individuals requiring evacuation by ambulance or other special vehicles (reference Attachment F) will be relocated to North Penn Hospital in Lansdale. Unmet ambulance resource requirements will be reported to the County Medical Group.

f. Traffic Control Points (TCP)

Fire Police and State Police personnel will establish Traffic Control Points within the municipality (reference Attachment D).

g. Public/Private Schools

(1) Separate school plans have been developed to provide for the safety of school children. A copy can be found in the Township EOC.

(2) If school is in session at the time evacuation is recommended, children attending schools located within the emergency planning zone will be transported by bus to designated host schools outside the area. They will remain under school supervision until pickup by parents or guardians. These host schools have been planned to coincide with main evacuation routes.

(3) Students whose homes are inside but who attend school outside the emergency planning zone will not be sent home if a Protective Action is advised. They will remain at the school they attend under school supervision until picked up by parents or guardians.

(4) Specific information concerning host schools will be provided to parents by school officials.

h. Health Care Facilities

Separate plans have been developed for hospitals and nursing homes located within the Plume Exposure Pathway EPZ. A copy can be found in the Montgomery County EOC.

i. Access Control Points/Area Security

In the event of either protective action recommendations (sheltering and/or evacuation), Access Control Points will be established around the perimeter of the EPZ. These points are described in the Montgomery County RERP. There are, however, no ACP's in Upper Frederick Township. Additionally, conditions permitting (based upon information received from the County EOC), police personnel will provide security patrols throughout the municipality during the emergency.

j. Emergency Fuel Supplies

Designated gas stations along main evacuation routes will be open to provide emergency supplies of gasoline and diesel fuel to evacuees. These stations are identified within Annex K of the county RERP. The Pennsylvania National Guard will establish emergency fuel distribution points along main evacuation routes.

§

k. Roadway Clearing

(1) Removal of disabled vehicles from evacuation routes shall be accomplished by services dispatched through the County.

(2) Snow and other debris on evacuation routes shall be removed by the Township and PennDOT.

(3) The National Guard will provide supplemental support, as necessary.

l. Continued Fire Protection

(1) After the evacuation of the general population has been completed, essential Fire Department equipment and personnel will relocate to a point outside the EPZ (reference II, G, 2, b); non-essential equipment will be sheltered.

(2) In the event a fire is reported in Upper Frederick Township, the department having jurisdiction, if available and conditions permitting, will be dispatched by the County EOC. Normal turnout gear should provide adequate external contamination protection; respiratory protection should prevent the inhalation of radioactive material. See Annex M of the County RERP for additional information.

m. Agriculture

If evacuation becomes necessary, the Montgomery County OEP, through the USDA County Agent, will certify farmers as emergency workers. This will allow them to return to the EPZ in order that they may tend to their livestock. See Annex O of the County RERP for additional information.

F. Radiological Exposure Control

If it is determined that a potential radiation hazard exists from an incident at the Limerick Generating Station, steps must be taken to protect both the public and emergency workers. Procedures for radiological exposure control are addressed in Annex M of the County RERP. Municipal actions relevant to radiological exposure control follow:

1. Municipal Emergency Workers

a. When advised by Montgomery County OEP that a Site Emergency has been declared, municipal emergency workers will be issued dosimeters and potassium iodide (KI), a

radioprotective drug. A unit of dosimeters-KI contains the following:

* one (1) CD V 730 or DCA-622 self-reading dosimeter having a scale of 0 to 20R.

* one (1) CD V 742 self-reading dosimeter having a scale of 0 to 200R.

* one (1) thermoluminescent dosimeter (TLD) which is a machine-read crystalline dosimeter mounted in a card.

* one (1) Dosimetry-KI Report Form (reference Attachment K).

* one (1) bottle containing a fourteen day supply of potassium iodide (KI) tablets.

b. PEMA will supply when available the Montgomery County OEP with enough dosimeters and KI for designated emergency workers within its portion of the plume exposure pathway EPZ. These resources will be predistributed to the Township. Attachment M lists emergency worker dosimeters-KI resource requirements.

c. Distribution of the dosimeters and KI is as follows:

(1) Upon notification of an Alert (or any higher classification of emergency should it be initial notification), the equipment will be prepared for distribution to municipal emergency workers (reference Attachment L).

(2) Upon notification of a Site Emergency, dosimeters and KI will be distributed to municipal emergency response organizations identified in Attachment M. A signed receipt shall be obtained from each organization (reference Attachment L). The emergency organization will maintain property control by having each worker sign for the property (reference Attachment N).

(3) Emergency workers will take KI only upon the direction of the Secretary of the Pennsylvania Department of Health, notification of which will be received through emergency management channels.

d. Dosimeters Reading Procedures and Related Actions

(1) Dosimeters are to be worn in the pocket of an outer garment from the time of issue until the worker is dismissed from duty. In no case should the TLD be worn by more than one person since there is no way

of ascertaining later how much of the dose recorded on the TLD was received by each individual if more than one person was involved.

(2) Each emergency worker is responsible for completing the Dosimetry/KI Report Form (reference Attachment K) and for reading the self-reading dosimeters at least once every thirty minutes. The protective action guide for whole body exposure is 25 rem. Therefore an emergency worker should seek to be relieved or complete the assigned task and then evacuate to an emergency worker decontamination station before receiving 25 R.

(3) Life Saving Missions - If a life saving mission should become necessary, the Upper Frederick Township elected official in charge may, under conditions shown below, authorize volunteer emergency workers to exceed the established 25 rem whole body limit. In no instance, however, should the emergency worker be authorized to exceed an absolute upper limit of 75 rems. This authorization may be given in advance to avoid the possibility of delay in performing life saving missions. When authorizing volunteer emergency workers to exceed the 25 rem limit the elected officials should ensure that the following conditions are met:

(a) It is a life saving situation and alternative courses of action cannot be taken to accomplish the mission.

(b) The emergency workers are healthy adult male volunteers, preferably over 45 years of age.

(c) The emergency workers selected are persons whose normal duties might involve such missions, e.g., policemen and firemen with suitable protective clothing and respiratory equipment.

(d) The mission will be accomplished in the least amount of "stay time."

(e) The emergency workers are knowledgeable of and accept the increased risk in exceeding the 25 rem limit.

e. Upon completion of emergency tasks during a contaminating incident, each emergency worker is to report to a decontamination station. Emergency workers in Upper Frederick Township are to report to the Upper Perkiomen

Senior High School. Specifics relevant to monitoring and decontamination are contained in Annex M of the County RERP.

f. When the emergency is terminated, all dosimeters-KI should be returned to the Municipal EOC for forwarding to the County.

2. Public

The protective actions outlines in Section II, E, are intended to provide the necessary radiological exposure control for the general public. In addition, decontamination monitoring teams will service all mass care centers, and host health care facilities for the purpose of monitoring evacuees. A list of decontamination stations is provided in the County RERP.

G. Continuity of Government

1. Government

In the event of a general evacuation, the Board of Supervisors shall transact required business at an alternate seat of government located at the Upper Perkiomen Senior High School.

2. Municipal Services

a. The Fire Department will relocate to Upper Perkiomen High School.

b. All services will remain available to respond to emergencies within the EPZ, radiation levels permitting. Dispatch will be accomplished through the County EOC.

3. EOC

The EOC shall be relocated to the Upper Perkiomen Senior High School.

H. Training

1. The Montgomery County OEP is responsible for coordinating radiological emergency response training as outlined in Annex R of the County RERP.

2. The Upper Frederick Township Emergency Management Coordinator shall ensure that local emergency response personnel are familiar with their responsibilities.

I. Concept of Operations

The following offers a list of general actions to be performed in the event of an incident.

1. Unusual Event

   Notification to Municipal EMC's will not take place.

2. Alert

   a. The Upper Frederick Township Emergency Management Coordinator (EMC) will receive notification from the Montgomery County OEP. The EMC in turn, notifies municipal officials and key staff personnel.

   b. The EMC and key staff will report to the Municipal EOC. Security measures will be implemented to restrict admittance.

   c. Communications systems will be tested. The County will be notified when RACES communications are established.

   d. Dosimeters/KI will be prepared for later distribution.

   e. Non-ambulatory residents shall be contacted to verify special requirements.

   f. The EMC shall notify certain public and private institutions/facilities located within the municipality of the emergency. In some instances, this will be a verification of a notification previously received through a county-initiated procedure. A listing of these facilities is maintained in the municipal EOC.

   g. Route alert teams will be placed on standby.

   h. If the public alert system is activated, the hearing impaired will be notified and Route Alert Teams dispatched, as necessary.

   i. Local TCP personnel will be notified.

   j. The local Alert and Warning/EBS station KYW 1060 AM will be monitored.

   k. Review municipal and County Radiological Emergency Response Plans.

   l. Ensure all messages which provide information or require a response are verified and logged. Pertinent data will be posted on the status board.

m. Additional unmet needs will be passed to the County.

n. In the event of reduction of classification or termination of incident, all parties previously notified will be informed.

3. Site Emergency

a. Same actions as Alert.

b. Additional emergency response personnel will be mobilized, including full EOC staff.

c. Dosimeters and KI will be distributed to emergency workers and organization.

d. Resource inventories (reference Attachment O and Attachment P) will be reviewed to verify that those resources indicated as being available are, in fact, available.

e. Road conditions will be reviewed, reporting any detours or construction areas to the County Public Works Group.

f. Local TCP personnel will be placed on standby. Upper Frederick Township TCP's will be manned if local conditions dictate.

g. Drivers and transportation assets needed for persons without transportation will be placed on standby by the County.

h. In the event of reduction of classification or termination of incident, all parties previously notified will be informed; dosimeters and KI will be prepared for return to the County.

4. General Emergency

a. Same actions as Alert and Site Emergency.

b. Alerting of special population groups, i.e., hearing impaired, will begin at the time the public alert system is activated.

c. Route alerting will commence in those areas of known public alert system failure or inadequate coverage. Information identifying the specific areas involved will be provided by the County.

d. If evacuation is ordered:

(1) Drivers and transportation assets needed for persons without transportation will be mobilized by the County.

(2) Guidance to outside transportation resources will be provided by the municipality to assist those without transportation.

(3) Homebound invalids will receive evacuation assistance.

(4) If necessary, fire, police, ambulance services and seat of government will be relocated after general population has evacuated or upon completion of assignments.

(5) Traffic control points located within the municipality will be manned.

e. If sheltering is recommended:

Increased security measures will be provided, conditions permitting.

f. When directed by Pennsylvania Department of Health, instruct emergency workers to take KI. This information will be relayed through emergency management channels.

§

g. In the event of reduction of classification or termination of incident, all parties previously notified will be informed; dosimeters and KI will be prepared for return to the county.

5. Reentry

a. Authorization for reentry will come from the Governor upon determination that it is safe to do so.

b. The Upper Frederick Township officials and Emergency Management Coordinator shall:

(1) Return to the local EOC.

(2) Reestablish safety and security services.

(3) Report damage caused by evacuation and reentry, as well as costs of support operations to County EOC.

J. Plan Maintenance and Distribution

1. Maintenance

a. The Upper Frederick Township Emergency Management Coordinator is responsible for ensuring the currency of the Township RERP, including the development and distribution of all changes, as well as accomplishing an annual review.

b. All changes to the Upper Frederick Township RERP shall be coordinated through the Montgomery County Emergency Management Coordinator.

c. All changes to the Upper Frederick Township RERP which involve policy or procedure shall be approved by Board of Supervisors.

d. The current date shall be placed on any page that is changed.

2. Distribution

§ a. Montgomery County

(1)	County EOC	Copy Number 1
(2)	Philadelphia Electric	Copy Number 2
(3)	PEMA	Copy Numbers 3-4
(4)	FEMA (thorugh PEMA)	Copy Number 5

5 copies

b. Upper Frederick Township elected officials

Copy Numbers 6-8 — 3 copies

c. Emergency Management Coordinator and key staff

Copy Numbers 9-14 — 6 copies

d. Fire Department

Copy Number 15 — 1 copy

e. Municipal library

Copy Number 16 — 1 copy

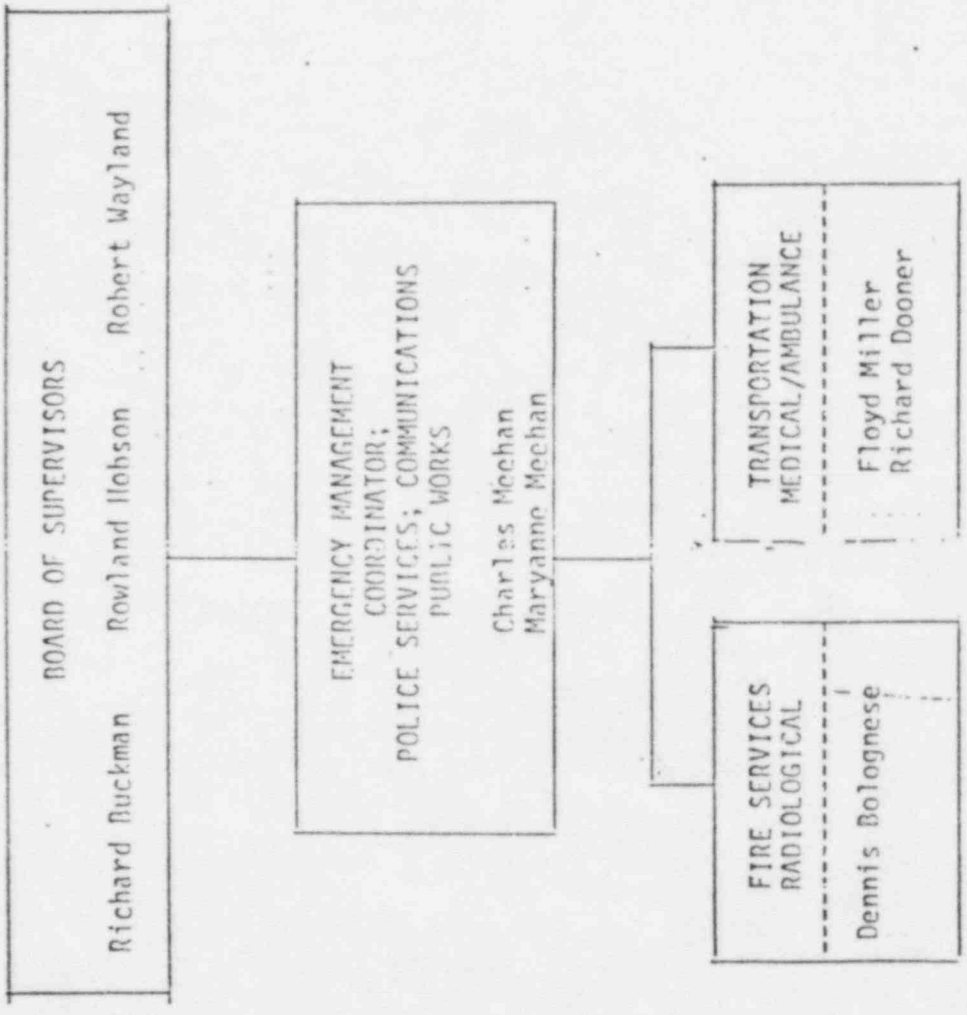
Note: Additional copies of the plan can be made available upon specific request and justification to the Upper Frederick

Township emergency management coordinator. As revisions are made to the plan, properly identified change pages will be sent to all organizations, agencies and individuals holding a copy of the plan.

PLUME EXPOSURE PATHWAY EPZ MAP

Map will be inserted in final draft.

UPPER FREDERICK TOWNSHIP EMERGENCY ORGANIZATIONAL CHART



LETTERS OF AGREEMENT

I. Purpose

To document the arrangements made between Upper Frederick Township and those agencies providing the personnel and resources needed to successfully implement this plan.

II. Agreement providing and Maintenance

The Upper Frederick Township Emergency Management Coordinator shall be responsible for:

A. Determining the need for specific letters of agreement.

B. Developing their general content.

C. Updating them as necessary.

III. Specific Agreements

A. Alternate EOC Site*

B. Alternate Seat of Government*

*Agreement on file in the County EOC.

Attachment D

TRAFFIC CONTROL POINTS

Post Number	Location	Responsible Police Organization	# Officers Assigned
U. Frederick 1	Perkiomenville Road & Route 73	Township	1
74	Perkiomenville Road & Deep Creek Road	State	2
75	Deep Creek Road & Route 29 South	State	2

ROUTE ALERTING

At least two (2) persons will be named to each alert team.

Each route alert team will be supplied with a map of the assigned sector (reference Tab 1). Alert teams will issue the following message:

"There is an emergency at the Limerick Generating Station; please tune to your Emergency Broadcast System Station KYW 1060 AM."

Additional route alert personnel will directly contact: (1) any individuals along their designated route who have been identified as hearing impaired in this plan to ensure they have received notification, (reference Tab 2); and (2) transient locations to ensure notification has been received.

Sector No. 87-A Alert Team: Upper Frederick Fire Department

Leader: **

Assistant: **

Transient Location: University Girls Camp, Upper Perkiomen Valley Park

Hearing Impaired Individuals:*

Sector No. 87-B Alert Team: Upper Frederick Fire Department

Leader: **

Assistant: **

Transient Location: None

Hearing Impaired Individuals:*

Sector No. 87-C Alert Team: Upper Frederick Fire Department

Leader: **

Assistant: **

*There are 6 hearing impaired individuals in the municipality. Their names and addresses are on file in the Municipal EOC.

**Route alerting will be conducted by fire department personnel. Sufficient trained members will mobilized at the time of the incident to man the sector teams. Specific assignments will be made at the time of mobilization from availability lists maintained in the Township EOC.

Transient Location: None

Hearing Impaired Individuals:*

Sector No. 87-D Alert Team: Upper Frederick Fire Department

Leader: **_____

Assistant: **_____

Transient Location: _____

Hearing Impaired Individuals:*

Sector No. 87-E Alert Team: Upper Frederick Fire Department

Leader: **_____

Assistant: **_____

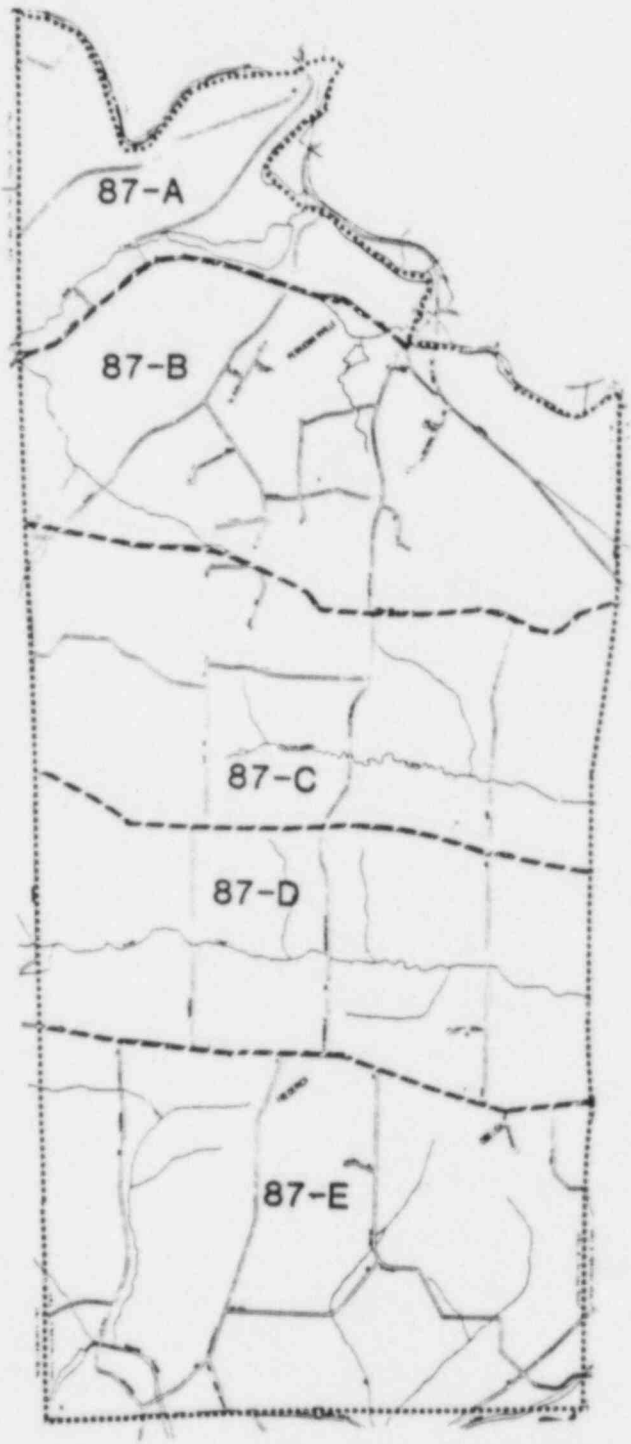
Transient Location: Camp Laughing Water, Camp Kiwanis

Hearing Impaired Individuals:*

*There are 6 hearing impaired individuals in the municipality. Their names and addresses are on file in the Municipal EOC.

**Route alerting will be conducted by fire department personnel. Sufficient trained members will be mobilized at the time of the incident to man the sector teams. Specific assignments will be made at the time of mobilization from availability lists maintained in the Townhsip EOC.

UPPER FREDERICK TOWNSHIP
ROUTE ALERT MAP



— — — ROUTE ALERT SECTOR DIVIDING LINE

00-0 SECTOR NUMBER

MESSAGE - HEARING-IMPAIRED

There is an emergency at the Limerick Generating Station.

Please contact a relative, friend or neighbor so that you can receive important information being broadcast over the emergency broadcast system.

Please review your public information brochure for incidents at the Limerick Generating Station for additional important information.

If you do not have a relative, friend or neighbor nearby to assist you, please tell the individual who gave you this information immediately.

RESIDENTS WITH SPECIAL MEDICAL REQUIREMENTS

A. There are 2* residents requiring ambulance support in the event of an evacuation. Their names, addresses, and telephone numbers are on file in the municipal EOC.

B. There are 3* residents who may require special assistance in the event of protective actions. Their names, addresses, and telephone numbers are on file in the municipal EOC.

C. There are 6* hearing impaired individuals in the municipality. Their names and addresses are on file in the Municipal EOC.

*Based upon public survey data.

Note: These individuals will be contacted by the Medical/Ambulance Service Officer at Alert to confirm the status of their medical needs. This
§ list will be updated every six (6) months.

PERSONS REQUIRING TRANSPORTATION ASSISTANCE

There are 28* residents who require transportation assistance in the event of evacuation. Their names and addresses are on file at the municipal EOC.

It is understood that there may be additional individuals who will require transportation assistance on the time of evacuation. These individuals are to contact the municipal EOC to arrange for pickup.

*Based upon public survey data.

FLOOR PLAN - UPPER FREDERICK TOWNSHIP EOC

(To Be Developed)

EMERGENCY NOTIFICATION LIST*

1. Elected Officials

   a. Richard Buckman — Home Phone: _____ Bus. Phone: _____

   b. Rawland Hobson — Home Phone: _____ Bus. Phone: _____

   c. Robert Wayland — Home Phone: _____ Bus. Phone: _____

2. Coordinator — Charles Meehan — Home Phone: _____ Bus. Phone: _____

   Deputy — Maryanne Meehan — Home Phone: _____ Bus. Phone: _____

3. Fire/Rescue Officer — Dennis Bolognese — Home Phone: _____ Bus. Phone: _____

   Deputy — (Name) TBD — Home Phone: _____ Bus. Phone: _____

4. Transportation Officer — Floyd Miller — Home Phone: _____ Bus. Phone: _____

   Deputy — Richard Doower — Home Phone: _____ Bus. Phone: _____

5. Special Facilities

   a. Frederick Mennonite Home
   b. Perkiomen Valley Academy
   c. Philadelphia County GSA - Camp Laughing Waters

*The telephone numbers are maintained in the Township EOC and updated quarterly.

EVACUATION PLAN MAP

Map will be inserted in final draft.

DOSIMETRY–KI REPORT FORM

(Please print legibly)

Emergency Worker's Name: _____

Home Address: _____

_____

County: _____

Social Security Number: _____ – _____ – _____

Emergency Worker's Organization: _____

_____

Emergency Worker's Signature: X _____

MISSION NO.	DESCRIPTION	DATE	CD V–730 or DCA-622 (0-20R) SERIAL NO.	BEFORE / AFTER	MISSION TOTAL	CD V–742 (0-200R) SERIAL NO.	BEFORE / AFTER	MISSION TOTAL
1.				R			R	
				R	R		R	R
2.				R			R	
				R	R		R	R
3.				R			R	
				R	R		R	R
4.				R			R	
				R	R		R	R
5.				R			R	
				R	R		R	R
				TOTAL	R		TOTAL	R

DOSIMETRY INSTRUCTIONS: Read the CD V-730 (DCA-622) and CD V-742 each half hour. Do not exceed 25 R cumulative total. The TLD gives an accurate reading of the total dose and therefore should be used only by one person. Forward the TLD with this form (see form distribution below.)

THYROID GLAND SCREENING CHECK

Upon completion of the mission, or as directed, each emergency worker must undergo "decontamination monitoring" at a decontamination monitoring station or a mass care/decontamination center. Monitoring personnel at these stations will complete a "Decontamination Monitoring Report Form" for you. Additionally emergency workers should be screened for radioiodine uptake in the thyroid gland and the results recorded here. Medical referral action level for the thyroid check is 0.1 mR/hr or higher when using the CD V-700 survey meter.

CD V-700 Serial No. _____ Reading: _____ mR/hr

Signature of Monitor: X _____

DOSIMETRY – KI REPORT FORM DISTRIBUTION: Complete this form and forward the original copy with the TLD through emergency management channels to BRP. If the self-reading dosimetry indicates total exposure of 25R or more, expedite delivery to BRP. BRP will forward to the individual and to the county EMA the TLD reading as well as an explanation of the reading. When expedited delivery is made to BRP and where otherwise warranted, BRP will report the TLD reading within 24 hours. Routine reporting may take a week or more. Copy 2 is retained by the County Emergency Management Agency. Copy 3 is retained by the individual.

BRP THRU EMERGENCY MANAGEMENT CHANNELS

TLD (Thermoluminescent dosimeter)

Serial No. of TLD: _____

	DATE/TIME	PERSON/ ORGANIZATION
Issued		By:
Turned In		To:

READING OF TLD

m/rem _____

Date of Reading _____

POTASSIUM IODIDE (KI) RECORD

	Date	Time	Amount Taken
Day 1			1 tablet/130 mg
Day 2			1 tablet/130 mg
Day 3			1 tablet/130 mg
Day 4			1 tablet/130 mg
Day 5			1 tablet/130 mg
Day 6			1 tablet/130 mg
Day 7			1 tablet/130 mg
Day 8			1 tablet/130 mg
Day 9			1 tablet/130 mg
Day 10			1 tablet/130 mg
Day 11			1 tablet/130 mg
Day 12			1 tablet/130 mg
Day 13			1 tablet/130 mg
Day 14			1 tablet/130 mg

KI INSTRUCTIONS: Take KI only on the direction of the Secretary of the Department of Health. Take one tablet (130 mg) once a day. If you have any adverse reaction to the drug, discontinue taking KI and report to your supervisor.

Attachment K

PEMA-R-DSM

RECEIPT FORM FOR DOSIMETRY-SURVEY METERS-KI

ISSUED BY _____ ISSUED TO _____

ADDRESS _____ ADDRESS _____

RESPONSIBLE INDIVIDUAL _____

TELEPHONE _____

INSTRUCTIONS: During a nuclear power plant incident, use this form to maintain property control when distributing the items listed below to municipalities and decontamination monitoring teams. This form should be used for transfer of these items in bulk form from: (1) the county emergency management agency to risk municipalities and decontamination monitoring teams; and (2) the municipalities to their local emergency response organizations (such as fire, police, and ambulance associations).
NOTE: The form listed on item 11 below should be used when issuing dosimetry-KI to individual emergency workers.

LINE NUMBER	DESCRIPTION	QUANTITY
1.	CD V-742 Self-Reading Dosimeter (0-200R)	
2.	CD V-730 Self-Reading Dosimeter (0-20R)	
3.	DCA-622 Self-Reading Dosimeter (0-20R)	
4.	CD V-750 Dosimeter Charger	
5.	TLD (Thermoluminescent Dosimeter) Serial Numbers THROUGH	
6.	Potassium Iodide (KI) Tablets (Bottles of 14 Tablets Each)	
7.	CD V-700 Survey Meter	
8.	Dosimetry-KI Report Form	
9.	Decontamination Monitoring Report Form	
10.	Receipt Form for Dosimetry-Survey Meters-KI	
11.	Acknowledgement of Receipt by Emergency Workers for Dosimetry-KI and Survey Meters	

RECEIVED BY: _____ TITLE _____
(print name)

SIGNATURE: X _____ DATE _____

ISSUING AGENCY

EMERGENCY WORKER DOSIMETRY-KI LIST

	AGENCY	NUMBER OF EMERGENCY WORKERS
A.	Municipal Emergency Management Agency	
	Upper Frederick Township EOC Route 73 Obelisk, PA	10
B.	Fire Company	
	Upper Frederick Fire Company Box 29 Perkiomenville, PA 18074	20
C.	Reserve	2
	Total Units of Dosimetry-KI Required	32

ACKNOWLEDGMENT OF RECEIPT BY EMER[illegible]Y WORKERS FOR DOSIMETRY KI AND SURVEY METERS

Page [illegible] of _____ page(s)

NOTE: Emergency workers assigned to decontamination monitoring teams at decontamination monitoring stations or centers do NOT receive a CD V 730 or DCA 622 (see column 2). ONLY members of decontamination monitoring teams receive a CD V 700 survey meter (see column 6).

INSTRUCTIONS FOR DISTRIBUTION: Enter (1) or (0) in columns 2 and 6. Record the serial number of the DCA 622 in column 2 and the serial number of the TLD in column 3. By signing column 8, the individual accepts responsibility for each item indicated on the respective line and agrees to return these items (less the KI authorized to be used) upon request and automatically when the nuclear power plant incident is terminated.

INSTRUCTIONS FOR RETURN OF ITEMS DESCRIBED: [✓] by the organization's responsible individual indicates return of each item.

DATE _____

NAME OF EMERGENCY ORGANIZATION _____

RESPONSIBLE INDIVIDUAL _____

ORGANIZATION ADDRESS _____

1	2	3	4	5	6	7	8
CD V 742 DOSIMETRY (0-200R)	CD V 730 or DCA 622 (0-20R)	TLD (THERMO-LUMINESCENT DOSIMETER)	KI (POTASSIUM IODIDE) (Tablets)	DOSIMETRY-KI REPORT FORM	CD V 700 SURVEY METER	INDIVIDUAL'S NAME (print legibly)	INDIVIDUAL'S SIGNATURE
✓	(Serial Number) ✓	(Serial Number) ✓	✓	✓	✓		
1 each			1 bottle	1 each			
1 each			1 bottle	1 each			
1 each			1 bottle	1 each			
1 each			1 bottle	1 each			
1 each			1 bottle	1 each			
1 each			1 bottle	1 each			
1 each			1 bottle	1 each			
1 each			1 bottle	1 each			
1 each			1 bottle	1 each			
1 each			1 bottle	1 each			
1 each			1 bottle	1 each			
1 each			1 bottle	1 each			
1 each			1 bottle	1 each			
1 each			1 bottle	1 each			

N-1

Attachment N

CONSOLIDATED RESOURCE LIST

		TOTAL REQUIRED	LOCALLY AVAILABLE	UNMET NEED
A.	VEHICLES			
1.	Buses[1]	1[2]	0	1
2.	Ambulances	1	0	1
3.	Vehicles with Loudspeakers	5	5[3]	0
4.	Other	0	0	0
B.	PERSONNEL			
1.	Route Alerting	10	10	0
2.	Transportation	1	1	0
3.	TCP	1	1[4]	0
4.	Special Assistance	3	3	0
5.	Ambulance	1	1	0
6.	Communications	2	0	2
7.	Other	0	0	0
C.	EQUIPMENT			
1.	Communications (by type)	Telephones: 3 RACES: 1	Telephones: 3 RACES: 0	Telephones: 0 RACES: 1
2.	Traffic Control	0	0	0
3.	Life Support	0	0	0
4.	Other	0	0	0

[1]Resource planning for buses excludes those required for evacuation of schools.
[2]Based upon an estimate of 40 persons/bus.
[3]Additional PA systems to be supplied by the utility.
[4]Fire Police.
Note: Unmet needs are passed up to the next level of government.

Attachment O

CONSOLIDATED RESOURCE LIST

		TOTAL REQUIRED	LOCALLY AVAILABLE	UNMET NEED
A.	VEHICLES			
1.	Buses[1]	1[2]	0	1
2.	Ambulances	1	0	1
3.	Vehicles with Loudspeakers	5	5[3]	0
4.	Other	0	0	0
B.	PERSONNEL			
1.	Route Alerting	10	10	0
2.	Transportation	1	1	0
3.	TCP	1	1[4]	0
4.	Special Assistance	3	3	0
5.	Ambulance	1	1	0
6.	Communications	2	0	2
7.	Other	0	0	0
C.	EQUIPMENT			
1.	Communications (by type)	Telephones: 3 RACES: 1	Telephones: 3 RACES: 0	Telephones: 0 RACES: 1
2.	Traffic Control	0	0	0
3.	Life Support	0	0	0
4.	Other	0	0	0

[1]Resource planning for buses excludes those required for evacuation of schools.
[2]Based upon an estimate of 40 persons/bus.
[3]Additional PA systems to be supplied by the utility.
[4]Fire Police.
Note: Unmet needs are passed up to the next level of government.

MUNICIPAL POLICE/FIRE/AMBULANCE RESOURCES

Police Department

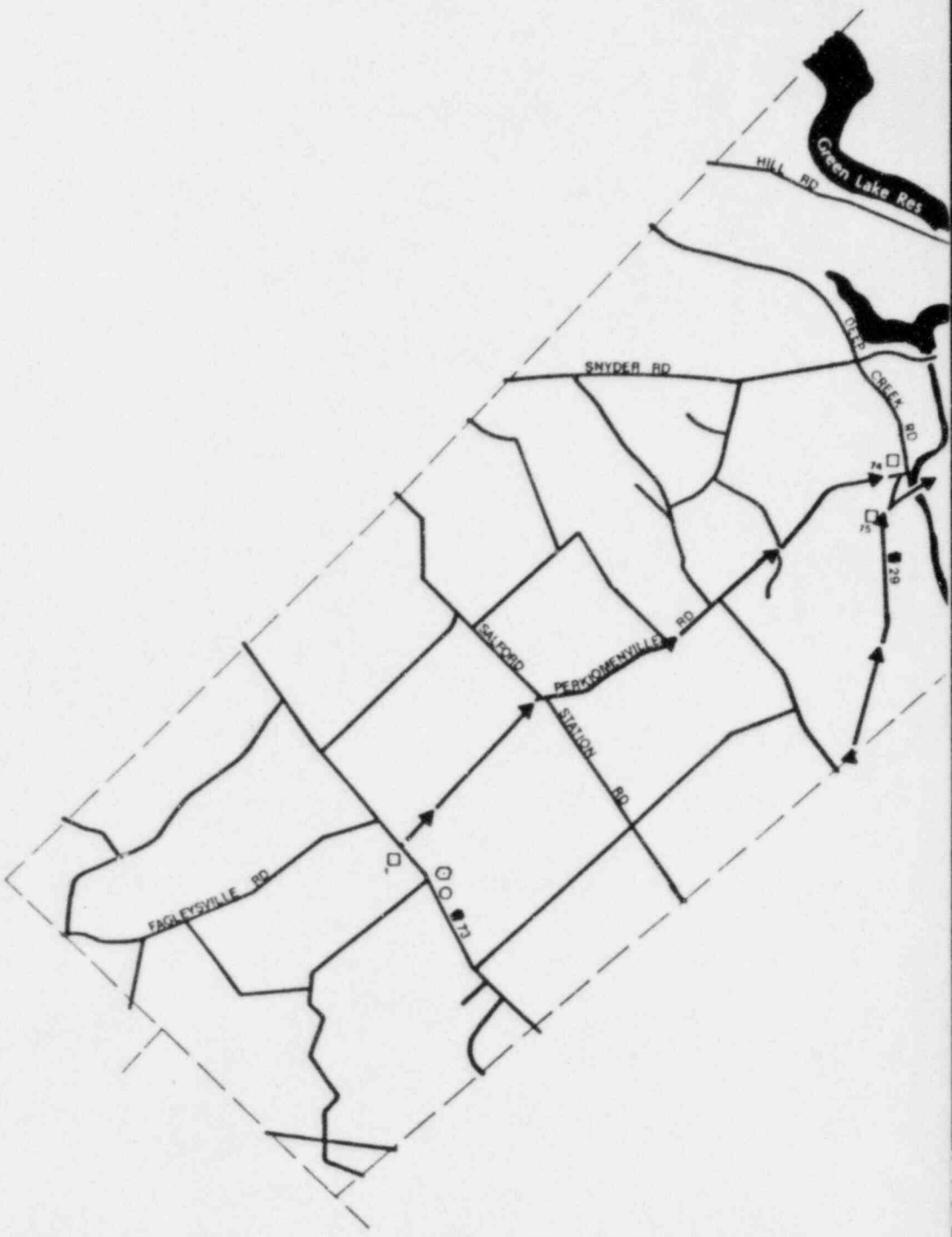
None in Township
Coverage by State Police

Fire Department	Equipment	Manpower
Upper Frederick Fire Company R. D. #1, Box 29 Perkiomenville, PA 18074	1 pumper 1 brush truck 1 tanker	20

Ambulance

None in Township

Coverage by Green Lane Community Ambulance &
Lower Frederick Regional Ambulance.



LEGEND:

- TOWNSHIP BOUNDARIES
- HIGHWAYS
- POPULATION AREAS
- COUNTY BOUNDARIES
- TRAFFIC CONTROL POINTS
- TRANSPORTATION STAGING AREA
- EVACUATION ROUTE
- EMERGENCY OPERATION CENTER

MONTGOMERY COUNTY
UPPER FREDERICK TOWNSHIP

Attachment Q

EVACUATION SUPPORT MAP

SUPPORTING PLANS

The following supporting plans are on file in the Township EOC:

Boyertown Area School District RERP

Frederick Mennonite Home

UPPER FREDERICK TOWNSHIP

MONTGOMERY COUNTY

RADIOLOGICAL EMERGENCY RESPONSE PLAN

FOR INCIDENTS AT THE

LIMERICK GENERATING STATION

IMPLEMENTING PROCEDURES

AUGUST 1985

Copy Number _____

Draft 7

IMPLEMENTING PROCEDURES

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INTRODUCTION

This section is intended to provide detailed immediate action guidance to those emergency response personnel designated to support the Upper Frederick Township Radiological Emergency Response Plan (RERP). These actions represent the steps necessary to ensure that the general public is adequately protected. However, because conditions for emergency situations may vary, further actions may be dictated through the Montgomery County EOC or local elected officials.

Guidance for development of these implementing procedures has been provided through the policies contained within the Upper Frederick Township RERP to which these procedures are annexed.

For ease of reference, implementing procedures have been color-coded by incident classification as follows:

Blue - Unusual Event
Blue - Alert
Yellow - Site Emergency
Pink - General Emergency

Implementing procedures contained herein are assigned to the respective Upper Frederick Township EMA staff officers:

1. Emergency Management: Emergency Management Coordinator
2. Police Services: Emergency Management Coordinator
3. Fire Services: Fire Services Officer
4. Medical/Ambulance Services: Transportation Officer
5. Communications: Emergency Management Coordinator
6. Transportation: Transportation Officer
7. Public Works: Emergency Management Coordinator
8. Radiological: Fire Services Officer

NOTE: IF YOU NEED TO DEVIATE FROM THIS PLAN OR IF ANY PROBLEMS ARE ENCOUNTERED, NOTIFY THE COUNTY EOC.

ANNEX A

Implementing Procedure*

Emergency Management Coordinator

Emergency Management Coordinator: Charles Meehan
Alternate: Maryanne Meehan

UNUSUAL EVENT

1. If notified, document:

   a. Date: _____

   b. Time: _____

   c. Source: _____

   d. Details: _____

   _____

   _____

   e. Actions Recommended: _____

   _____

   _____

   f. Actions Taken: _____

   _____

   _____

*Note: This procedure has been modified to include Communications, Police Services and Public Works procedures.

Implementing Procedure

Emergency Management Coordinator

ALERT

1. Document:

   a. Date: _____

   b. Time: _____

   c. Source: _____

   d. Details: _____

   _____

   _____

2. Notify:

	Telephone	Time
a. Elected Officials		
(1) Richard Buckman	[redacted] home [redacted] office	_____ _____
(2) Rowland Hobson	[redacted] home _____ office	_____ _____
(3) Robert Wayland	[redacted] home [redacted] office	_____ _____
b. Key Staff		
(1) Fire Services Officer Dennis Bolognese	[redacted] home _____ office	_____ _____
or Deputy	_____ home _____ office	_____ _____
(2) Transportation Officer Floyd Miller	[redacted] home [redacted] office	_____ _____
or Deputy Richard Dooner	[redacted] office [redacted] home [redacted] office [redacted] office	_____ _____ _____ _____

Have key staff report to EOC. _____ (time)

3. Verify that the following have been notified:

		Telephone	Time
a.	Fire Department	[redacted]	_____

b. Verification Message:

"This is (name & title) . I would like to verify that you have been notified that an incident classification of 'Alert' has been declared at the Limerick Generating Station."

4. Report to and activate local Emergency Operations Center (EOC).

a. Activated _____ (time)

b. County Operations Officer notified of EOC activation [redacted]

_____ (time)

c. Check communication systems for operability. _____ (time)

d. Establish EOC security. _____ (time)

e. Monitor Alert and Warning/EBS station KYW 1060 AM. _____ (time)

f. Ensure Route Alert Teams have been mobilized as necessary.

_____ (time)

g. If public alert system has been activated, notify hearing impaired.

_____ (time)

h. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched.

_____ (time)

i. Verify the County has assigned a RACES unit to the Municipal EOC by contacting County OEP Communications at [redacted] _____ (time)

j. Log all messages which provide information or require action. Post pertinent data on the status board.

k. Review fact sheet (Appendix A-2).

5. Verify that the following have been notified:

		Telephone	Time
a.	Nursing Home		
	Frederick Mennonite Home	[redacted] office	_____

b. Verification Message:

"This is _____(name/title)_____. I would like to verify that you have been notified that an incident classification of 'Alert' has been declared at the Limerick Generating Station."

6. Notify the following:

	Telephone	Time
a. Special Facilities		
(1) Perkiomen Valley Academy	[redacted] office	_____
(2) Philadelphia County GSA Camp Laughing Waters	[redacted] office	_____

b. Message:

"This is _____(name/title)_____. An incident classification of 'Alert' has been declared at the Limerick Generating Station."

Note: This is provided for informational purposes only. No actions are normally required.

7. Ensure RACES operator contacts the County RACES base upon arrival at the Municipal EOC. _____ (time)
8. Review remaining emergency procedures in the event of escalation.
9. Report all unmet needs to County Operations Officer [redacted].
10. Maintain Alert status until notified of termination, escalation or reduction of classification:

a. Date: _____

b. Time: _____

c. Source: _____

d. Disposition

(1) Termination _____

(2) Escalation _____

(3) Reduction _____

11. If escalation, accomplish appropriate Implementing Procedure. If termination or reduction of classification, verify/notify the following:

a. Verification:

	Telephone	Time
(1) Fire Department	[redacted]	_____
(2) Nursing Home		
Frederick Mennonite Home	[redacted] office	_____

(3) Verification Message:

"This is (name/title). I would like to verify that you have been notified that the emergency at the Limerick Generating Station has been terminated/reduced to Unusual Event."

b. Notification:

	Telephone	Time
(1) Elected Officials		
(a) Richard Buckman	[redacted] home office	_____ _____
(b) Rowland Hobson	[redacted] home _____ office	_____ _____
(c) Robert Wayland	[redacted] home office	_____ _____
(2) Special Facilities		
(a) Perkiomen Valley Academy	[redacted] office	_____
(b) Philadelphia County GSA Camp Laughing Waters	[redacted] office	_____

(3) Message:

"This is (name/title). The emergency at the Limerick Generating Station has been terminated/reduced to Unusual Event."

12. Remarks/Actions Taken:

Implementing Procedure

Emergency Management Coordinator

SITE EMERGENCY

If this is the first notification received or if escalation from Unusual Event, accomplish all actions; if escalation from Alert classification, Item 4 may be omitted:

1. Document:

   a. Date: _____

   b. Time: _____

   c. Source: _____

   d. Details: _____

   _____

   _____

2. Notify:

	Telephone	Time
a. Elected Officials		
(1) Richard Buckman	[redacted] home [redacted] office	_____ _____
(2) Rowland Hobson	[redacted] home _____ office	_____ _____
(3) Robert Wayland	[redacted] home [redacted] office	_____ _____
b. Key Staff		
(1) Deputy EMC Maryanne Meehan	[redacted] home	_____
(2) Fire Services Officer Dennis Bolognese	[redacted] home _____ office	_____ _____
or Deputy	_____ home _____ office	_____ _____

(3) Transportation Officer
Floyd Miller
or
Deputy
Richard Dooner

[redacted] home
office
office
home
office
4 office

Have key staff report to EOC. _____ (time)

3. Verify that the following have been notified:

	Telephone	Time
a. Fire Department	[redacted]	_____

b. Verification Message:

"This is _____ (name/title) _____. I would like to verify that you have been notified that a 'Site Emergency' has been declared at the Limerick Generating Station."

4. Report to and activate the local Emergency Operations Center

a. Activated _____ (time)

b. County Operations Officer notified of EOC activation [redacted].

_____ (time)

c. Communications system checked for operability. _____ (time)

d. Establish EOC security. _____ (time)

e. Monitor Alert and Warning/EBS station KYW 1060 AM. _____ (time)

f. Ensure Route Alert Teams have been mobilized as necessary.

_____ (time)

g. If the public alert system has been activated, notify hearing impaired._____ (time)

h. In the event of siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched.

_____ (time)

i. Verify the County has assigned a RACES unit to the Municipal EOC by contacting County OEP Communications at [redacted] _____ (time)

j. Log all messages which provide information or require action. Post pertinent data on the status board.

k. Review fact sheet (Appendix A-2). _____ (time)

5. Have additional emergency personnel report to the EOC (for 24-hour operation), or where needed.

6. Ensure that appropriate EOC staff have placed their respective emergency workers on standby status. _____ (time)

7. Verify that the following have been notified:

a. Nursing Home	Telephone	Time
Frederick Mennonite Home	[redacted]ffice	____

b. Verification Message:

"This is (name/title). I would like to verify that you have been notified that an incident classification of 'Site Emergency' has been declared at the Limerick Generating Station."

8. Notify the following:

a. Special Facilities	Telephone	Time
(1) Perkiomen Valley Academy	[redacted]office	_____
(2) Philadelphia County GSA Camp Laughing Waters	[redacted]office	_____

b. Message:

"This is (name/title). An incident classification of 'Site Emergency' has been declared at the Limerick Generating Station." (Provide appropriate instructions as necessary.)

9. Verify Resource Availability:

Ensure appropriate EOC staff have reviewed their respective resource inventories and have reported deficiencies to their respective counterparts in the County EOC; for example, the Municipal Transportation Officer contacts the County Transportation Group. _____ (time)

10. Ensure Fire Services Officer has distributed dosimeters/KI to emergency workers. _____ (time)

11. Review road conditions with EOC staff, i.e., there is no construction or other activity which would hinder movement of personnel or vehicles to/from the area. Ensure that the Transportation Officer and the County Public Works Group ([redacted] are aware of any problem areas.

_____ (time)

12. Ensure RACES operator contacts the County RACES base upon arrival at the Municipal EOC. _____ (time)

13. Report all unmet needs to the County Operations Officer (631-1694).

_____ (time)

14. Review remaining emergency procedures in the event of escalation.

15. Maintain Site Emergency status until notified of termination, escalation, or reduction of classification:

    a. Date: _____

    b. Time: _____

    c. Source: _____

    d. Disposition:

        (1) Termination _____

        (2) Escalation _____

        (3) Reduction _____

16. If escalation, accomplish appropriate Implementing Procedure. If termination or reduction of classification, notify/verify the following:

    a. Verification:

	Telephone	Time
(1) Fire Department	[redacted]	_____
(2) Nursing Home		
Frederick Mennonite Home	[redacted] office	_____

        (3) Verification Message:

        "This is _____ (name/title) _____. I would like to verify you have been notified that the emergency at the Limerick Generating Station has been terminated/reduced to _____."

    b. Notify:

	Telephone	Time
(1) Elected Officials		
(a) Richard Buckman	[redacted] home office	_____ _____

(b) Rowland Hobson [redacted] home _____
_____ office _____

(c) Robert Wayland [redacted] home _____
[redacted] office _____

(2) Special Facilities

(a) Perkiomen Valley Academy [redacted] office _____

(b) Philadelphia County GSA Camp Laughing Waters [redacted] office _____

(3) Message:

"This is _____(name/title)_____. The emergency at the Limerick Generating Station has been terminated/reduced to _____."

17. Remarks/Actions Taken:

Implementing Procedure

Emergency Management Coordinator

GENERAL EMERGENCY

If this is the first notification or escalation from Unusual Event, accomplish all actions; if escalation from Alert or Site Emergency, Item 4 may be omitted:

1. Document:

   a. Date: _____

   b. Time: _____

   c. Source: _____

   d. Details: _____

   _____

   _____

2. Notify:

		Telephone	Time
a.	Elected Officials		
	(1) Richard Buckman	[redacted] home [redacted] office	_____ _____
	(2) Rowland Hobson	[redacted] home _____ office	_____ _____
	(3) Robert Wayland	[redacted] home [redacted] office	_____ _____
b.	Key Staff		
	(1) Deputy EMC Maryanne Meehan	[redacted] home	_____
	(2) Fire Services Officer Dennis Bolognese or Deputy	[redacted]793 home _____ office _____ home _____ office	_____ _____ _____ _____
	(3) Transportation Officer Floyd Miller	[redacted] home [redacted] office	_____ _____

or
Deputy
Richard Dooner

[redacted] office
home
office
office

Have key staff report to EOC. _____ (time)

3. Verify that the following have been notified:

		Telephone	Time
a.	Fire Department	[redacted]	_____

b. Verification Message:

"This is _____(name/title)_____. I would like to verify that you have been notified that a 'General Emergency' has been declared at the Limerick Generating Station. The recommended protective action is _____."

4. Report to and activate the local Emergency Operations Center.

a. Activated _____ (time)

b. County Operations Officer notified of EOC activation [redacted]. _____ (time)

c. Communications system checked for operability. _____ (time)

d. Establish EOC security. _____ (time)

e. Monitor Alert and Warning/EBS station KYW 1060 AM. _____ (time)

f. Ensure Route Alert Teams have been mobilized as necessary. _____ (time)

g. Verify the County has assigned a RACES unit to the Municipal EOC by contacting County OEP Communications at [redacted]. _____ (time)

h. Log all messages which provide information or require action. Post pertinent data on the status board.

i. Review fact sheet (Appendix A-2). _____ (time)

5. Ensure that all necessary emergency response personnel have reported to the EOC, where needed, or to pre-assigned location. _____ (time)

6. Verify that the following have been notified:

	Telephone	Time
a. Nursing Home		
Frederick Mennonite Home	[redacted] office	_____

b. Verification Message:

"This is _____(name/title)_____. I would like to verify that you have been notified that a 'General Emergency' has been declared at the Limerick Generating Station. The recommended protective action is _____."

7. Notify the following:

	Telephone	Time
a. Special Facilities		
(1) Perkiomen Valley Academy	[redacted] office	_____
(2) Philadelphia County GSA Camp Laughing Waters	[redacted] office	_____

b. Message:

"This is _____(name/title)_____. A 'General Emergency' has been declared at the Limerick Generating Station. The recommended protective action is _____."

Note: If a protective action has not yet been determined, instruct them to tune to the EBS station.

8. Verify Resource Availability:

Ensure appropriate EOC staff have reviewed their respective resource inventories and have reported deficiencies to their respective counterparts in the County EOC; for example, the Municipal Transportation Officer contacts County Transportation Group. _____ (time)

9. Ensure Fire Services Officer has distributed dosimeters/KI to emergency workers and EOC staff. _____ (time)

10. Review road conditions with EOC staff, i.e., there is no construction or other activity which would hinder movement of personnel or vehicles to/from the area. Ensure that the Transportation Officer and the County Public Works Group ([redacted]) are aware of any problem areas.

_____ (time)

11. Ensure RACES operator contacts the County RACES base upon arrival at the Municipal EOC. _____ (time)

12. If sheltering is recommended:

    a. When the public alert system has been activated, notify hearing impaired. _____ (time)

    b. Monitor Alert and Warning/EBS station to ensure proper instructions are being given to the general population. _____ (time)

    c. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched. _____ (time)

    d. Ensure increased security measures have been implemented by the State Police/National Guard. _____ (time)

13. If evacuation is ordered:

    a. When the public alert system has been activated, notify hearing impaired. _____ (time)

    b. Monitor Alert and Warning/EBS station to ensure proper instructions are being given to the general public. _____ (time)

    c. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched. _____ (time)

    d. Ensure Traffic Control Points have been manned (reference Appendix A-1). _____ (time)

    e. Assign sufficient emergency workers to Transportation Officer to support transportation resources, i.e., one emergency worker should be available for each vehicle used to evacuate those persons who do not have transportation. _____ (time)

    f. Be prepared to initiate road clearing operations as necessary. _____ (time)

    g. Advise County Operations Officer of any additional unmet needs [redacted]. _____ (time)

       (1) _____

       (2) _____

       (3) _____

    h. Monitor evacuation process and report any problem areas to the County Operations Officer. _____ (time)

(1) _____

(2) _____

(3) _____

14. Maintain General Emergency status until:

a. Reduction of classification. _____ (time)

b. Termination of emergency. _____ (time)

c. EOC must be evacuated. _____ (time)

15. If reduction of classification or termination of emergency, notify/verify the following:

a. Verification:

	Telephone	Time
(1) Fire Department	[redacted]	_____
(2) Nursing Home		
Frederick Mennonite Home	[redacted] office	_____

(3) Verification Message:

"This is _____(name/title)_____. I would like to verify you have been notified that the emergency at the Limerick Generating Station has been terminated/reduced to _____."

b. Notification

	Telephone	Time
(1) Elected Officials		
(a) Richard Buckman	[redacted] home [redacted] office	_____ _____
(b) Rowland Hobson	[redacted] home _____ office	_____ _____
(c) Robert Wayland	[redacted] ome [redacted] office	_____ _____
(2) Special Facilities		
(a) Perkiomen Valley Academy	[redacted] office	_____

(b) Philadelphia County GSA
Camp Laughing Waters [redacted] office _____

(3) Message:

"This is _____(name/title)_____. The emergency at the Limerick Generating Station has been terminated/reduced to _____." Provide instructions as appropriate.

16. If the EOC must be evacuated:

a. If possible, wait until the municipality has been evacuated before leaving the EOC.

b. Secure the facility and proceed to alternate EOC located at the Upper Perkiomen Senior High School. _____(time)

c. Notify Montgomery County upon your arrival at alternate EOC. _____(time)

17. Remarks/Actions Taken:

TRAFFIC CONTROL POINTS

Post Number	Location	Responsible Police Organization	# Officers Assigned
U. Frederick 1	Perkiomenville Rd. & Route 73	Township	1
74	Perkiomenville Rd. & Deep Creek Rd.	PSP	2
75	Perkiomenville Rd. & Route 29 South	PSP	2
76	Perkiomenville Rd. & Route 29 North	PSP	2

FACT SHEET

Abbreviations:

ACP	Access Control Point
ARES	Amateur Radio Emergency Service
EBS	Emergency Broadcast System
EPA	Environmental Protection Agency
EPZ	Emergency Planning Zone
KI	Chemical symbol for potassium iodide
PAG	Protective Action Guide
RACES	Radio Amateur Civil Emergency Services
REACT	Radio Emergency Action Citizens Team
TCP	Traffic Control Point
TLD	Thermoluminescent Dosimeter

Evacuation Information:

EBS Stations: KYW-1060 AM; WIBF-104 FM; WPAZ-1370 AM; WNPV-1440 AM; WZZD-990 AM; WGHW-1110 AM; WBYO-107.5 FM; Pottstown Community Television.

Evacuation Route: Local roads to Route 63 South to Route 113 North

Reception Center: County Line Plaza

Host School(s): Boyertown School District to Kutztown University/ Kutztown Junior High School

Decontamination Station: Upper Perkiomen Senior High School

Transportation Stating Area: EOC

Homebound Support Hospital: North Penn Hospital, Lansdale

County Rumor Control: 631-9700

STATUS BOARD FORMAT

MESSAGE #	DATE	TIME	MESSAGE	ACTION/COMMENTS

ANNEX B

Implementing Procedure

Fire Services*

Fire Services Officer: Dennis Bolognese
Alternate: _____ (name)

UNUSUAL EVENT

No response necessary unless Fire Services are requested at the Limerick Generating Station.

ALERT

The Fire Services Officer shall:

1. Upon request of Emergency Management Coordinator, report to the EOC. _____ (time)
2. Ensure that normal fire protection services are maintained.
3. Prepare Control TLD's for pick up by the County. _____ (time)
4. Inventory dosimeters/KI and prepare for distribution. If applicable, complete a Receipt Form for Dosimetry-Survey Meters-KI (reference Appendix B-4). Report unmet needs to the County Radiological Officer at [redacted] _____ (time)
5. Review remaining emergency procedures in the event of escalation.
6. Maintain Alert status until notified of termination, escalation or reduction of classification.
7. Remarks/Actions Taken:

*Note: This procedure has been modified to include Radiological procedures.

Fire Services

SITE EMERGENCY

The Fire Services Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:

   a. Report to the EOC. _____ (time)

   b. Ensure normal fire protection services are maintained.

   c. Prepare Control TLD's for pick up by the County. _____ (time)

   d. Inventory dosimeters/KI and prepare for distribution. If applicable, complete a Receipt Form for Dosimetry-Survey Meters-KI (reference Appendix B-4). Report unmet needs to the County Radiological Officer at [redacted] _____ (time)

   e. Proceed to Step 2.

2. If escalation from Alert, or if proceeding from Step 1, then:

   a. Mobilize additional personnel as necessary and have them report to fire station (reference Appendix B-1). _____ (time)

   b. Distribution dosimeters/KI to municipal emergency workers (reference Appendix B-3); obtain a signed receipt (reference Appendix B-5).

   _____ (time)

   c. Ensure Fire Department Emergency workers have been issued dosimeters/KI. _____ (time)

   d. Review personnel/equipment inventory (reference Appendix B-1), verify availability, and report unmet needs to County EOC, Fire Services at [redacted] _____ (time)

   e. Review remaining emergency procedures in the event of escalation.

   _____ (time)

   f. Maintain Site Emergency status until notified of escalation, termination or reduction of classification.

3. If termination, collect dosimeters, unused KI, and forms from emergency workers and prepare for return to County. _____ (time)

   Note: All dosimeters will be returned to the County.

4. Remarks/Actions Taken:

Fire Services

GENERAL EMERGENCY

The Fire Services Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:

   a. Report to the EOC. _____ (time)

   b. Prepare Control TLD's for pick up by the County. _____ (time)

   c. Inventory dosimeters/KI and prepare for distribution. If applicable, complete a Receipt Form for Dosimetry-Survey Meters-KI (reference Appendix B-4). Report unmet needs to the County Radiological Officer at [redacted] _____ (time)

   d. Distribute dosimeters/KI to municipal emergency workers (reference Appendix B-3); obtain a signed receipt (reference Appendix B-5).

   _____ (time)

   e. Mobilize additional fire personnel and have them report to fire station (reference Appendix B-1). _____ (time)

   f. Ensure Fire Department emergency workers have been issued dosimeters/KI. _____ (time)

   g. Review personnel/equipment inventory (reference Appendix B-1), verify availability, and report unmet needs to County EOC, Fire Services at [redacted] _____ (time)

   h. Proceed to Step 2.

2. If escalation from Alert or Site Emergency, or if proceeding from Step 1, then:

   a. Monitor route alerting. _____ (time)

   b. If evacuation is ordered, upon completion of assignments, ensure that Fire Department relocates to Upper Perkiomen High School. Note: Upon completion of emergency tasks during a contaminating incident, each emergency worker is to report to the decontaminaiton station located at the Upper Perkiomen Senior High School.

   _____ (time)

   c. Relocate to alternate EOC. _____ (time)

3. If termination, collect dosimeters and unused KI and forms from emergency workers and prepare for return to County. _____ (time)

   Note: All dosimeters will be returned to the County.

4. Remarks/Actions Taken:

FIRE SERVICES EMERGENCY RECALL ROSTER

Names and telephone numbers are on file in the EOC.

FIRE - RESOURCE INVENTORY

1 pumper
1 brush truck
1 tanker

ROUTE ALERTING TEAMS

I. GENERAL

A. Upper Frederick Township is divided into 5 Sectors.

B. Each Sector is assigned a Route Alert Team (reference Attachment 1).

C. Two (2) persons should be assigned to each team.

II. PURPOSE

The purpose of route alerting is to supplement the public alert system in the event the system fails. It may also be used to alert the hearing impaired (reference Attachment 3).

III. PROCEDURES

A. When dispatched by Montgomery County OEP, commence route alerting in designated sectors (reference Attachment 2).

B. Route Alerting is accomplished by driving slowly along designated roads, periodically activating the vehicle siren and making the following announcement on the PA system:

"There is an emergency at the Limerick Generating Station; please tune to your EBS station KYW 1060 AM."

C. Upon completion of route, notify Montgomery County OEP and return to station.

Note: If route alerting has taken place during a contaminating incident, proceed to the designated emergency worker/ decontamination station.

ROUTE ALERT TEAMS

Sector No. 87-A Alert Team: Upper Frederick Fire Department

Leader: _____

Assistant: _____

Transient Location(s): University Girls Camp, Upper Perkiomen Valley Park

Hearing Impaired: List is on file in the EOC.

Sector No. 87-B Alert Team: Upper Frederick Fire Department

Leader: _____

Assistant: _____

Transient Location(s): None

Hearing Impaired: List is on file in the EOC.

Sector No. 87-C Alert Team: Upper Frederick Fire Department

Leader: _____

Assistant: _____

Transient Location(s): None

Hearing Impaired: List is on file in the EOC.

Sector No. 87-D Alert Team: Upper Frederick Fire Department

Leader: _____

Assistant: _____

Transient Location(s): None

Hearing Impaired: List is on file in the EOC.

Sector No. 87-E Alert Team: Upper Frederick Fire Department

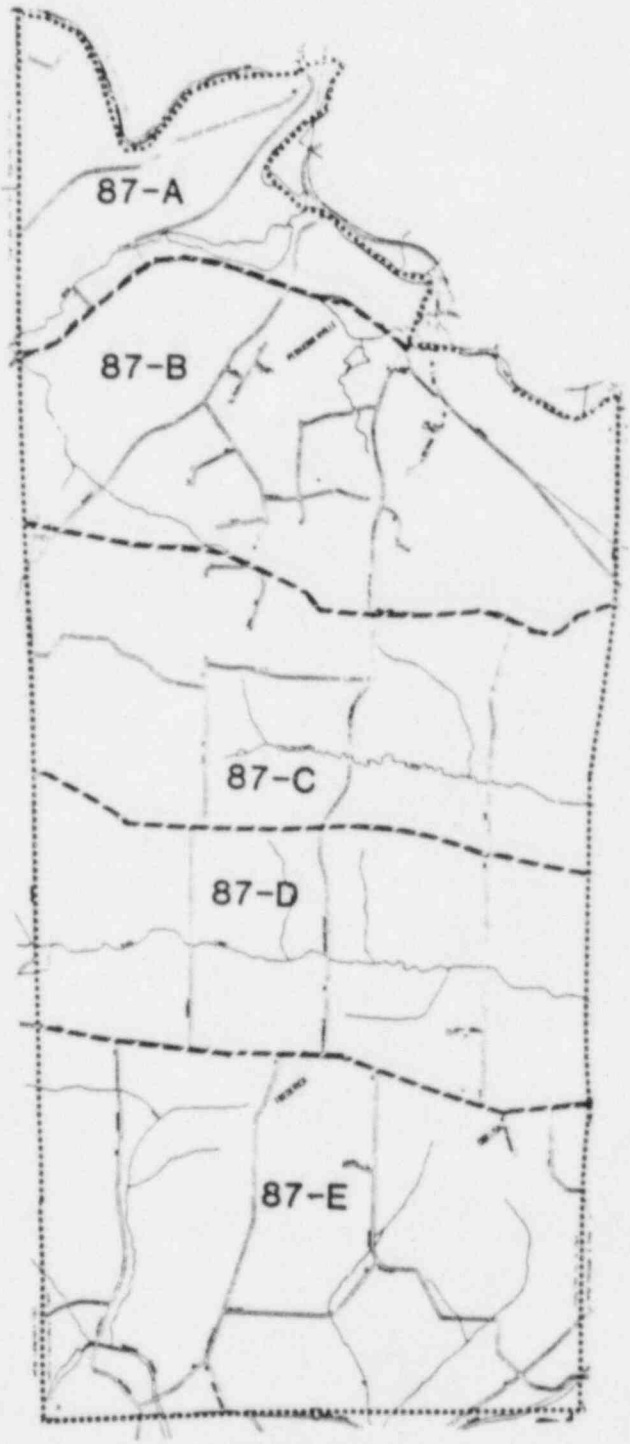
Leader: _____

Assistant: _____

Transient Location(s): Camp Laughing Water, Camp Kiwanis

Hearing Impaired: List is on file in the EOC.

UPPER FREDERICK TOWNSHIP
ROUTE ALERT MAP



— — — ROUTE ALERT SECTOR DIVIDING LINE

00-0 SECTOR NUMBER

MESSAGE - HEARING IMPAIRED

There is an emergency at the Limerick Generating Station.

Please contact a relative, friend or neighbor so that you can receive important information being broadcast over the emergency broadcast system.

Please review your public information brochure for incidents at the Limerick Generating Station for additional important information.

If you do not have a relative, friend or neighbor nearby to assist you, please tell the individual who gave you this information immediately.

MUNICIPAL DOSIMETRY-KI LIST

	Agency	Number of Emergency Workers
A.	Municipal Emergency Management Agency	
	Upper Frederick Township EOC Route 73 Obelisk, PA	10
B.	Fire Company	
	Upper Frederick Fire Company Box 29 Perkiomenville, PA 18074	20
C.	Reserve	2
	Total Units of Dosimetry-KI Required	32

PEMA-R-DSM

RECEIPT FORM FOR DOSIMETRY-SURVEY METERS-KI

ISSUED BY _____ ISSUED TO _____

ADDRESS _____ ADDRESS _____

RESPONSIBLE INDIVIDUAL _____

TELEPHONE _____

INSTRUCTIONS: During a nuclear power plant incident, use this form to maintain property control when distributing the items listed below to municipalities and decontamination monitoring teams. This form should be used for transfer of these items in bulk form from: (1) the county emergency management agency to risk municipalities and decontamination monitoring teams; and (2) municipalities to their local emergency response organizations (such as fire, police, and ambulance associations).
NOTE: The form listed on item 11 below should be used when issuing dosimetry-KI to individual emergency workers.

LINE NUMBER	DESCRIPTION	QUANTITY
1.	CD V-742 Self-Reading Dosimeter (0-200R)	
2.	CD V-730 Self-Reading Dosimeter (0-20R)	
3.	DCA-622 Self-Reading Dosimeter (0-20R)	
4.	CD V-750 Dosimeter Charger	
5.	TLD (Thermoluminescent Dosimeter) Serial Numbers THROUGH	
6.	Potassium Iodide (KI) Tablets (Bottles of 14 Tablets Each)	
7.	CD V-700 Survey Meter	
8.	Dosimetry-KI Report Form	
9.	Decontamination Monitoring Report Form	
10.	Receipt Form for Dosimetry-Survey Meters-KI	
11.	Acknowledgement of Receipt by Emergency Workers for Dosimetry-KI and Survey Meters	

RECEIVED BY: _____ TITLE _____
(print name)

SIGNATURE: X _____ DATE _____

ISSUING AGENCY

ACKNOWLEDGMENT OF RECEIPT BY EMERGENCY WORKERS FOR DOSIMETRY-KI AND SURVEY METERS

Emergency workers assigned to decontamination monitoring teams at decontamination monitoring stations or centers do **NOT** receive a CD V-730 or DCA 622 (see column 2). **ONLY** members of decontamination monitoring teams receive a CD V-700 survey meter (see column 6).

INSTRUCTIONS FOR DISTRIBUTION: Enter (1) or (0) in columns 2 and 6. Record the serial number of the DCA 622 in column 2 and the serial number of the TLD in column 3. By signing column 8, the individual accepts responsibility for each item indicated on the respective line and agrees to return these items (less the KI authorized to be used) upon request and automatically when the nuclear power plant incident is terminated.

INSTRUCTIONS FOR RETURN OF ITEMS DESCRIBED: [✓] by the organization's responsible individual indicates return of each item.

DATE _____

NAME OF EMERGENCY ORGANIZATION _____

RESPONSIBLE INDIVIDUAL _____

ORGANIZATION ADDRESS _____

1		2		3		4		5		6		7	8
CD V-742 DOSIMETRY (0-200R)	✓	CD V-730 or DCA 622 (0-20R) (Serial Number)	✓	TLD (THERMO LUMINESCENT DOSIMETER) (Serial Number)	✓	KI (POTASSIUM IODIDE) (Tablets)	✓	DOSIMETRY-KI REPORT FORM	✓	CD V-700 SURVEY METER	✓	INDIVIDUAL'S NAME (print legibly)	INDIVIDUAL'S SIGNATURE
1 each						1 bottle		1 each					
1 each						1 bottle		1 each					
1 each						1 bottle		1 each					
1 each						1 bottle		1 each					
1 each						1 bottle		1 each					
1 each						1 bottle		1 each					
1 each						1 bottle		1 each					
1 each						1 bottle		1 each					
1 each						1 bottle		1 each					
1 each						1 bottle		1 each					
1 each						1 bottle		1 each					
1 each						1 bottle		1 each					
1 each						1 bottle		1 each					
1 each						1 bottle		1 each					

ANNEX C

Implementing Procedure*

Transportation

Transportation Officer: Floyd Miller
Alternate: Richard Dooner

UNUSUAL EVENT

No response required.

ALERT

The Transportation Officer shall:

1. Upon request of the Emergency Management Coordinator, report to the EOC. _____ (time)
2. Update the list of those individuals who do not normally have transportation available 24-hours a day (reference Appendix C-1). _____ (time)
3. Update the list of those individuals requiring special assistance in the event of evacuation (reference Appendix C-3). _____ (time)
   a. Notify County Medical Group at [redacted] of changes in requirement for those individuals requiring ambulance support. _____ (time)
   b. Notify County Transportation Group at [redacted] of changes in requirements for those individuals requiring special tranportation support other than ambulance. _____ (time)
4. Review remaining procedures in the event of escalation.
5. Maintain Alert status until notified of termination, escalation or reduction of classification.
6. Remarks/Actions Taken:

*Note: This procedure has been modified to include Medical/Ambulance procedures.

Transportation

SITE EMERGENCY

The Transportation Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:

   a. Report to the EOC. _____ (time)

   b. Update the list of those individuals who do not normally have transportation available 24-hours a day (reference Appendix C-1).

   _____ (time)

   c. Update the list of those individuals requiring special assistance in the event of evacuation (reference Appendix C-3). _____ (time)

      (1) Notify County Medical Group at [redacted] of changes in the list of those individuals requiring ambulance support. _____ (time)

      (2) Notify County Transportation Group at [redacted] of changes in requirements for those individuals requiring special transportation support other than ambulance. _____ (time)

   d. Proceed to Step 2.

2. If escalation from Alert or if proceeding from Step 1, then:

   a. Ensure that the Transportation Staging Area, which is located at the EOC, is accessible and available. _____ (time)

   b. Review transportation resource requirements (reference Appendix C-2). _____ (time)

   c. Notify the County Transportation Group of any changes in requirements. _____ (time)

   d. Review remaining emergency procedures in the event of escalation.

   e. Maintain Site Emergency status until notified of termination, escalation or reduction of classification.

3. If termination, return dosimeters and unused KI to Fire Services Officer. _____ (time)

4. Remarks/Actions Taken:

GENERAL EMERGENCY

The Transportation Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:

   a. Report to the EOC. _____ (time)

   b. Update the list of those individuals who do not normally have transportation available 24-hours a day (reference Appendix C-1).

   _____ (time)

   c. Update the list of those individuals requiring special assistance in the event of evacuation (reference Appendix C-3). _____ (time)

      (1) Notify the County Medical Group at [redacted] of changes of requirements for those individuals requiring ambulance support.

      _____ (time)

      (2) Notify County Transportation Group at [redacted] of changes in requirements for those individuals requiring special transportation suppoert other than ambulance. _____ (time)

   d. Ensure that the Transportation Staging Area, which is located at the EOC, is accessible and available. _____ (time)

   e. Review transportation resource requirements (reference Appendix C-2). _____ (time)

   f. Proceed to Step 2.

2. If escalation from Alert or Site Emergency, or if proceeding from Step 1, then:

   a. If recommended protective action is sheltering, no further action is required.

   b. If recommended protective action is evacuation, then:

      (1) Ensure population requiring ambulance transportation is served.

      _____ (time)

      (2) Add to Appendix C-1 the names and addresses of those individuals who call in requesting transportation assistance. (Note: Multiple copies of this list may be necessary).

      _____ (time)

(3) As transportation resource requirements, including those for special needs (vans, etc.), exceed availability (reference Appendix C-2), notify the County Transportation Group [redacted] of additional requirements. _____ (time)

(4) Inform the EMC of the number of vehicles that have been requested thru the County and request that an emergency worker be made available for assisting each vehicle. _____ (time)

c. Prepare a list of names and addresses of persons to be picked for each vehicle including ambulances. _____ (time)

d. Upon the arrival of vehicles at the municipal transportation staging areas, ensure that an emergency worker is assigned to each vehicle. A list of names and addresses of persons to be picked-up should be provided for each vehicle along with instructions to return to the municipal staging area where they will receive directions to the designated Reception Center and assigned Mass Care Center. Persons being evacuated by ambulance shall be evacuated to North Penn Hospital in Lansdale. Emergency workers need not accompany vehicles to the reception center. _____ (time)

e. Relocate to alternate EOC after population has departed.

_____ (time)

3. If termination, return dosimeters and unused KI to Fire Services Officer. _____ (time)

4. Remarks/Actions Taken:

PERSONS REQUIRING TRANSPORTATION ASSISTANCE

List is on file in the EOC.

TRANSPORTATION RESOURCE REQUIREMENTS

Vehicles Required	Vehicles Available	Unmet Needs
Buses: 1	Buses: 0	Buses: 1
Ambulances: 1	Ambulances: 0	Ambulances: 1

RESIDENTS WITH SPECIAL TRANSPORTATION REQUIREMENTS

A. Residents Requiring Ambulance Support

List is on file in the EOC.

B. Residents With Other Special Requirements

List is on file in the EOC.

RELATED CORRESPONDENCE

EC PLANNING AND MANAGEMENT SERVICES
Riverside Office Center 3 • 2101 N. Front St. • Harrisburg, PA 17110 • (717) 236-0031

DOCKETED
USNRC

'85 SEP 20 A10:28

OFFICE OF SECRETARY
DOCKETING & SERVICE
BRANCH

September 3, 1985

Ms. Florence Francis, Secretary
East Vincent Township
55 Ridge Road
Spring City, PA 19475

Dear Ms. Francis:

Enclosed are thirteen (13) copies of the approved East Vincent Township Radiological Emergency Response Plan for Incidents at the Limerick Generating Station. Also enclosed are ten (10) of the associated Implementing Procedures.

As discussed, I will forward four copies (numbers 1, 3, 4, 5) to the Chester County DES; copy number 2 will be forwarded to Philadelphia Electric Company. Distribution instructions for the remaining plans can be found on page 24-25 of your plan. Please note that Implementing Procedures have been provided for EOC staff only (copy numbers 9-16), plus two spare copies.

Additionally, the township should provide a letter to the Chester County DES stating that the Radiological Emergency Response Plan has been formally adopted and that the County will be provided appropriate copies by Energy Consultants.

I would like to personally thank you, your staff and the township supervisors for the continued cooperation afforded me during the planning process. If I can be of further assistance, please feel free to contact me.

Sincerely,

Ronald L. Deck

RLD/dlu

Enclosure

Chester County DES w/atch

EAST VINCENT TOWNSHIP

CHESTER COUNTY

RADIOLOGICAL EMERGENCY RESPONSE PLAN

FOR INCIDENTS AT THE

LIMERICK GENERATING STATION

June 1985

Copy Number _____

PROMULGATION

THIS PLAN SUPERCEDES ALL OTHER EAST VINCENT TOWNSHIP PLANS DEVELOPED FOR EMERGENCY MANAGEMENT IN THE EVENT OF AN INCIDENT AT THE LIMERICK GENERATING STATION. THIS PLAN WAS APPROVED BY THE BOARD OF SUPERVISORS UNDER RESOLUTION 85-8 DATED August 7, 85

BOARD OF SUPERVISORS

CHAIRMAN

VICE CHAIRMAN

SECRETARY

EMERGENCY MANAGEMENT COORDINATOR

EAST VINCENT TOWNSHIP

RECORD OF CHANGES

CHANGE NUMBER	DATE OF CHANGE	DATE ENTERED	CHANGE MADE BY (SIGNATURE)

ANNUAL REVIEW CERTIFICATION

I hereby certify that I have reviewed the East Vincent Township Radiological Emergency Response Plan (RERP). All necessary changes have been coordinated through the county and incorporated into the plan. Distribution of changed pages has been made to all recorded holders of the plan.

Date	Signature

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EAST VINCENT TOWNSHIP

RADIOLOGICAL EMERGENCY RESPONSE PLAN

I. INTRODUCTION

A. Authority

The East Vincent Township Radiological Emergency Response Plan (RERP) has been developed under the authority of, and in accordance with, the provisions of the Pennsylvania Emergency Management Services Act of 1978, P.L. 1332.

B. References

1. U.S. Nuclear Regulatory Commission and the Federal Emergency Management Agency, "Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants," NUREG-0654, FEMA-REP-1, Rev. 1, November 1980.

2. Chester County Radiological Emergency Response Plan for Incidents at the Limerick Generating Station, dated _____.

3. Commonwealth of Pennsylvania, Disaster Operations Plan, Ju'y 1977, with changes.

4. Annex E, "Fixed Nuclear Facility Incidents," dated November 1981, to the Commonwealth of Pennsylvania Disaster Operations Plan, with changes.

5. Municipal Resolution No. ____.

C. Purpose

The intent of this document is to provide for the maximum protection of those persons who live, work, or transit East Vincent Township in the event of an incident at the Limerick Generating Station.

D. Scope

This plan outlines the basic procedures East Vincent Township will follow in the event of an incident at Limerick Generating Station. It complies with federal guidelines and details municipal actions in accordance with Annex E of the Commonwealth of Pennsylvania Disaster Operations Plan and the Chester County Radiological Emergency Response Plan.

All of East Vincent Township lies within the plume exposure pathway EPZ (reference Attachment A and Attachment J). The approximate population is 4739.

E. Definitions

Some of the terminology presented in this document, or which one might encounter during a radiological incident, is somewhat unique. Accordingly, for a better understanding of the RERP it is essential that emergency response personnel familiarize themselves with the following definitions:

1. Access Control Point (ACP) - Control Points manned primarily by State or municipal police, augmented when necessary by the National Guard, established around the perimeter of the plume exposure pathway EPZ on roads leading into it when it is evacuated or occupants are taking shelter for the purpose of controlling access into the area.

2. Activate/Activation - To place a specific plan, or portion thereof, into action.

3. Amateur Radio - Licensed volunteer radio amateur communications personnel affiliated with county emergency management organization. Such organizations include Amateur Radio Emergency Service (ARES) and Radio Amateur Civil Emergency Services (RACES).

4. Central Resource Receiving Point - A predesignated facility operated by the county and located outside the plume exposure pathway EPZ and suitable for the reception and distribution of supplies and equipment.

5. Dosimeters - Pocket-sized devices that measure accumulated exposure to radiation.

6. Emergency Broadcast System (EBS) Announcements - Official announcements made at the county level for the specific purpose of providing instructions or information from the County Commissioners, or their designated representative, to the permanent and transient residents of the county. Announcements are made over the legally designated EBS Network. Restriction on the use of EBS announcements does not preclude appropriate use of newspapers, radio, and television for public information statements.

7. Emergency Planning Zone (EPZ) - A generic area defined about a nuclear facility to facilitate offsite emergency planning and develop a significant response base. It is defined for the plume and ingestion exposure pathways.

a. Plume Exposure Pathway - The area surrounding a fixed nuclear facility which potentially is subject to radiation exposure as a result of an incident involving radioactive material emanating from the facility. Such potential exposure could involve: (a) whole body external exposure to gamma radiation from the plume and from deposited materials, and (b) inhalation exposure from the passing radioactive plume. The EPZ for this pathway consists of an area of approximately ten miles in radius around the fixed nuclear facility. (The exact size and configuration of each plume exposure pathway EPZ for the respective fixed nuclear facility in Pennsylvania were determined in relation to local emergency response needs and capabilities as they are affected by conditions such as demography, topography, access routes, and jurisdictional boundaries).

b. Ingestion Exposure Pathway - That area surrounding a fixed nuclear facility which, as a result of a release of radioactive material, is a potential source of exposure through the ingestion of water and foods, such as milk or fresh vegetables originating there. This EPZ consists of a circular area of 50 miles radius around the fixed nuclear facility.

8. Fixed Nuclear Facility Incident - An event or condition at a nuclear facility which could result in impact on public health and safety. Four incident classes have been developed to facilitate planning and responses:

a. Unusual Event - An occurrence which indicates a potential degradation of the level of safety of the facility. No releases of radioactive material requiring offsite response or monitoring are expected unless further degradation of safety systems occurs.

b. Alert - An occurrence which involves actual or potential substantial degradation of the level of safety of the facility. Any releases are expected to be limited to small fractions of the Environmental Protection Agency (EPA) protective action guideline exposure levels.

c. Site Emergency - An occurrence which involves actual or likely major failures of facility functions needed for the protection of the public. Radioactive releases are not expected to exceed the EPA protective action guideline exposure levels except near the site boundary.

d. General Emergency - An occurrence which involves actual or imminent substantial core degradation or melting with the potential for loss of containment integrity.

Releases can reasonably be expected to exceed EPA protective action guideline exposure levels offsite for more than the immediate site area.

NOTE: The incident classifications of Site and General Emergency should not be confused with a gubernatorial declaration of "State of Disaster Emergency." See definition below.

9. Mass Care Center - Fixed facilities suitable for providing emergency lodging for victims of a disaster left temporarily homeless and capable of providing all essential social services. Feeding may be done within a Mass Care Center (in suitable dining facilities) or nearby.

10. Mobilize - The act of bringing a staff, department or agency to the strength required to accomplish its mission on a 24-hour basis; including the pre-positioning or movement of equipment or personnel.

11. Municipality - For the purposes of this plan, the terms "municipality" or "municipal government" are defined as referring, singularly or collectively, to cities, boroughs, townships and incorporated towns within the Commonwealth of Pennsylvania.

12. Notify - To inform or report the occurrence of an incident.

13. Parent County - The county in which the facility is physically located.

14. Potassium Iodide (chemical symbol KI) - A drug that offers some protection to the thyroid gland from injury due to accumulation of radioiodine.

15. Protective Action - An action taken to avoid or reduce a projected dose of radiation. Some of the basic actions are:

    a. Sheltering - Action taken by the public to take advantage of the protection against radiation exposure afforded by remaining indoors, away from doors and windows, and shutting off all sources of outside air during and following the passage of the radioactive plume. Motorists should close all windows and vents.

    b. General Evacuation - The relocation of the entire population from the plume exposure pathway.

    c. Selective Evacuation - The relocation of specific elements of the population, such as pregnant women, pre-school children or the infirm.

16. Protective Action Guide (PAG) - A pre-established projected radiation dose to individuals which warrants protective action.

17. Projected Radiation Dose - An estimate of the radiation dose which affected individuals could potentially receive if protective actions are not taken.

18. RACES or ARES - Radio Amateur Civil Emergency Service or Amateur Radio Emergency Service. Licensed amateur radio operators who are trained and volunteer to provide back-up radio communications as requested by state and county emergency management agencies.

19. REACT - Radio Emergency Action Citizens Team. Licensed citizens band radio operators affiliated with county emergency management agencies.

20. RECALL - The RECALL system is a computer based telephone notification system developed specifically for emergency services and emergency management applications.

    Within the application for the Limerick radiological emergency response plans (RERP), the system is located at the County Department of Emergency Services and is programmed with the telephone numbers and message(s) of the key individuals, institutions and special facilities which require notification during the implementation of the RERP.

    The system is activated by the county and it sequentially and simultaneously contacts the parties by telephone, provides a pre-recorded message and awaits an acknowledgement code. The system then provides a management report to indicate the calls which have been made, the status (no answer, answer, busy, etc.) and other information. If the called party does not furnish the acknowledgement code, the system will continue to call the party until the code is received or another parameter is reached. Busy lines will re-tried and alternate numbers used for after hours or in the event a contact cannot be made at the primary number due to busy, no-answer, or failure to acknowledge.

21. Reception Center - A predesignated site outside the plume exposure pathway EPZ through which evacuees will pass to obtain information and directions to Mass Care Centers.

22. Risk County - A county with area located partially or wholly within the plume exposure pathway EPZ of a nuclear facility.

23. Risk Municipality - A municipality with area located partially or wholly within the plume exposure pathway EPZ of a nuclear facility.

24. Route Alerting - As a supplementary alert procedure route alerting will be conducted as necessary each time the public alert system is activated. Route alerting is a municipal responsibility and is to be accomplished by pre-designated route alert teams travelling along pre-assigned routes delivering the following message: "There is an emergency at the Limerick Generating Station; please tune to your Emergency Broadcast Station."

25. Standby Status - The term used to describe state of readiness. Standard operating procedures have been reviewed; material, communications and required supplies are available and adequate for initial operations; and sufficient personnel are on hand to commence operations. Augmentation personnel necessary for sustained operations are alerted and ready to report for duty when called.

26. State of Disaster Emergency - A state of disaster emergency exists whenever the Governor issues a declaration of disaster emergency. A disaster emergency shall be declared by executive order or proclamation of the Governor at any time upon finding that a disaster has occurred or that the occurrence or the threat of a disaster is imminent. The state of disaster emergency continues until the Governor finds that the threat or danger has passed and terminates it by executive order or proclamation, but no state of disaster emergency may continue for longer than 90 days unless renewed by the Governor. The term "state of disaster emergency" is not to be confused with the emergency classification terms called Site Emergency and General Emergency.

27. Support County - The county or counties outside the plume exposure pathway EPZ of a nuclear facility that, through prior agreement, will provide support to a risk county in the event of an incident. Depending on size and location, the same county may be both a risk and support county.

28. Traffic Control Points (TCP) - Police posts established at critical road intersections for the purpose of controlling or limiting traffic flow. TCP's are used to control evacuation movement when an emergency situation requires it.

29. Unmet Needs - Capabilities and/or resources required to support emergency operations but neither available nor provided at the respective levels of government.

F. Objectives

1. Define responsibilities, clarify lines of authority, and establish lines of communication.

2. Ensure that planned actions are current and in consonance with those of surrounding jurisdictions, as well as with the Chester County RERP.

3. Identify personnel, resource, and facility requirements necessary for the safe and efficient execution of the Plan.

4. Provide a basis for functional implementing procedures.

5. Ensure that the population of East Vincent Township is informed as to the basic concepts of the Plan and their possible protective actions.

II. BASIC PLAN

A. General

Because a variety of local government jurisdictions are found within the plume exposure pathway EPZ of the Limerick Generating Station (reference Attachment A), all of which might be expected to implement their respective RERP's simultaneously, the safety of the public can best be served through an emergency plan that is in consonance with those of surrounding jurisdictions, as well as with the Chester County RERP. Accordingly, the East Vincent Township RERP has been developed in such a manner that it will function harmoniously with other plans without risk of conflict.

B. Municipal Government Emergency Operations

1. Municipal Government - Emergency Organization Structure

   a. See Emergency Organization Chart (reference Attachment B)

2. Responsibilities

   a. Provide an emergency operations center (EOC) with a qualified person (emergency management coordinator) to coordinate the center.

   b. Develop radiological emergency response plans in consonance with the county plan.

   c. Supplement the public alert system to alert the population within the municipality who may not have received the initial alert.

   d. Provide for municipal security to include security of the area if evacuation has occurred.

e. Provide for fire and rescue protection to include continued fire protection if the area has been evacuated.

f. In the event of a general emergency classification, ensure that municipal traffic control points are manned in preparation for evacuation.

g. Provide training for all volunteers operating in the emergency management agency of the municipality.

h. Ascertain unmet needs and report these to the county emergency management agency.

i. Maintain a current list of the location of homebound invalids and handicapped persons requiring special medical care and provide for the special needs of these persons including transportation.

j. Facilitate return of evacuees after reentry is recommended.

3. Emergency Services

a. Direction and Coordination

(1) The Board of Supervisors has the responsibility for the safety and protection of the public within East Vincent Township, as well as providing direction and control of the emergency organization.

(2) Under a declaration of disaster emergency, the ultimate direction of emergency services (i.e., firefighting, police, medical and health, rescue, etc.) is the responsibility of the municipality (reference P.L. 1332).

(3) Supplemental emergency support personnel shall be under the operational control of the municipality.

(4) Support forces furnished by other political subdivisions shall be under the operational control of the jurisdiction furnishing the force (reference P.L. 1332).

(5) Because of the multi-jurisdictional scope of a radiological emergency, the county shall exercise responsibility for coordination and support to the area of operations (reference P. L. 1332).

(6) Normal dispatch and operational procedures will be used whenever possible.

(7) Coordination between the counties involved shall be accomplished by the Pennsylvania Emergency Management Agency (PEMA).

b. Functional Areas

The following functional areas and associated tasks are essential:

(1) Emergency Management

(a) Develop and maintain the East Vincent Township RERP.

(b) Coordinate emergency operations in accordance with the approved RERP and as directed by the Board of Supervisors.

(c) Develop and maintain any necessary Letters of Agreement (reference Attachment C).

(d) Determine unmet needs as a result of RERP implementation and inform the County EOC.

(e) Maintain expense records of personnel and resource utilization resulting from RERP implementation.

(f) Establish and maintain EOC security during RERP implementation.

(g) Participate in training, drills, and exercises.

(2) Law Enforcement (Police Services)

(a) Ensure that designated Traffic Control Points (TCP's) located within the municipality are manned when necessary (reference Attachment D and Attachment Q).

(b) Provide continued area security, conditions permitting, during the emergency.

(c) Assist in traffic control during reentry, as necessary.

(3) Fire Services

(a) Provide for adequate fire/rescue emergency coverage during a radiological emergency.

(b) Provide for route alerting of the population (reference Attachment E).

(4) Medical/Ambulance Services

Note: This function assigned to Transportation Officer.

(a) Provide for adequate ambulance coverage during a radiological emergency.

(b) Prepare and maintain a list of non-institutionalized residents having special medical requirements (reference Attachment F).

(c) Provide guidance to outside ambulance resources upon their arrival at the municipality.

(d) Monitor movement of non-ambulatory individuals requiring transportation by ambulance and/or provision of special medical equipment.

(5) Public Works

Note: This function assigned to Police Services Officer.

(a) Maintain current listing of equipment resources.

(b) Assist law enforcement in obtaining material for traffic control purposes.

(c) When directed by the Board of Supervisors, ensure that municipal roadways are clear.

(6) Radiological

Note: This function assigned to the Fire Services Officer.

(a) Receive, prepare for distribution, and distribute to emergency workers dosimeters and radioprotective drugs when necessary.

(b) Assist in the administration of the County's Radiological Exposure Control Program.

(c) At termination of the emergency, collect dosimeters, forms, and unused radioprotective drugs from emergency workers, inventory, and prepare for return to the County EOC.

(d) Ensure the training of municipal EOC personnel and emergency workers in the use of dosimeters and KI.

(7) Transportation

(a) Prepare and maintain a list of those residents who lack transportation (reference Attachment G).

(b) Provide for the direction and control of outside transportation resources upon their arrival at the municipality.

(8) Communications

Note: This function assigned to the Emergency Management Coordinator.

Determine requirements for reliable communications with the county and within the municipality specific to RERP implementation.

4. Emergency Operations Center (EOC)

a. The East Vincent Township EOC is located at the Township Building, 55 Ridge Road, Spring City, PA 19475. See EOC floor plan (reference Attachment H).

b. It shall be activated when directed by the Emergency Management Coordinator (EMC) or by the Board of Supervisors.

c. When activated, it shall be staffed by:

(1) Emergency Management Coordinator

(2) Police Services Officer

(3) Fire Services Officer

(4) Transportation Officer

d. The EOC shall function as a central point for coordinating the operations of the East Vincent Township emergency response personnel.

e. For incident classifications of "Site Emergency" and higher, operations shall be conducted 24-hours a day. Sufficient personnel will be available to maintain 24-hour operation.

f. The alternate EOC is located at the Chester County Library, Exton, PA.

C. Communications

1. Telephone

The primary means of communicating to/from the Municipal Emergency Operations Center (EOC) will be the telephone.

2. Two-Way Radio

The usual police and emergency service radio nets will be used for the dispatch of emergency services and the dissemination of information.

3. ARES

The County will provide a ARES operator and radio to the EOC at an emergency classification of Alert or immediately if the initial classification is higher. This system will provide back-up communications capability.

4. UHF Radio

There is two-way radio communication capability between municipal EOC's and the County on a UHF emergency management frequency.

5. Rumor Control

Rumor control will be handled at the County level. The telephone number is 431-6480.

D. Alert/Notification Systems

1. Municipality/Emergency Response Personnel

a. In the event of an incident at the Limerick Generating Station, initial notification, classification changes, protective actions, and status reports will be provided to the East Vincent Township Emergency Management Coordinator (EMC) or designated alternate(s) via the RECALL system as activated by the Chester County.

b. The East Vincent Township elected officials and EOC staff will be notified by the EMC or designated alternate (reference Attachment I).

c. Incident classification, protective action and other action-related information provided by the County

through the UHF Emergency Management NET or ARES will be confirmed by a County-initiated telephone call.

2. Public

a. Public Alert System

(1) When required, the public will be alerted through a public alert system installed and maintained by Philadelphia Electric Company.

(2) The system consists of approximately 165 high output mechanical sirens strategically located throughout the approximate ten-mile emergency planning zone. Those sirens located within Chester County will be activated by the County DES.

(3) In coordination with PEMA, the public alert system may be activated (a) when there is significant information that will reassure the public of their safety; (b) when the public is to be informed of a plant status that may lead them to implement specific actions on their own; or (c) when specific actions (to include protective actions) are to be taken by the public. The purpose of the public alert system is to alert the public to tune to their Emergency Broadcast System (EBS) radio or TV station for information and instructions.

(4) Notification is accomplished through the EBS. Pre-written EBS announcements are contained in Annex D of the Chester County RERP. The EBS stations for Chester County are WCOJ-1420 AM; WCAU-1210 AM; WYIS-690 AM.

b. Route Alerting

(1) Route alerting involves the use of vehicles/personnel traveling predesignated routes within the municipality. Public address systems are used to instruct residents to tune to their EBS station. This procedure is used as a supplement to the public alert system where there is a known system failure or area of inadequate coverage and to alert the hearing impaired.

(2) The municipality has been divided into sectors facilitating route alert team assignments (reference Attachment E).

(3) Route alert teams will be dispatched via normal dispatch procedures to those areas where there is a known failure of the public alert system.

c. Hearing Impaired (reference Attachment F)

Separate Route Alert personnel will be charged with alerting the hearing impaired. They will be dispatched by the municipal EMA to the residences of previously identified hearing-impaired persons immediately upon the activation of the public alert system. The hearing-impaired will be provided a pre-printed card which indicates that an emergency situation exists, directs them to review their public information brochures and requests them to establish contact with a relative, friend or neighbor who can provide them with information being provided over the EBS network (reference Attachment E, Tab 2).

E. Protective Actions

1. Sheltering

The nature of an incident may be such that the most effective measure to protect the public would be to have them go indoors, stay away from windows and doors, and shut off all sources of outside air (air conditioning, vents, etc.); motorists would be instructed to close windows and vents.

2. Evacuation

Evacuation is a protective action option which involves movement of the population from the plume exposure pathway EPZ. It may be accomplished on a selective or general basis.

a. Selective Evacuation

Selective evacuation involves the relocation of specific categories of persons, such as pregnant women, pre-school children, and others who may be highly susceptible to the hazards of radiation.

b. General Evacuation

General evacuation involves the relocation of the entire population from the plume exposure pathway EPZ.

c. Authorization and Control

(1) The Governor, or his constitutionally designated successor, has the sole authority and responsibility for directing and compelling a selective or general evacuation.

(2) The Governor, or the highest ranking elected county or municipal official in authority may recommend an evacuation for their respective jurisdictions.

(3) PEMA has the primary responsibility for directing and controlling an evacuation order made by the Governor.

d. Evacuation Routes

(1) When necessary, East Vincent Township will be evacuated via local roads to Route 113 South to Gordon Drive to Route 100 South (reference Attachment J and Attachment Q). Those persons who require mass care support should go to the reception center located at the West Whiteland Township Building where they will be directed to an appropriate mass care center.

(2) There will be no change in normal traffic patterns in and out of the EPZ during an evacuation. This is necessary to accommodate the movement of support resources, i.e., buses, ambulances, etc., into the area.

e. Transportation

(1) The primary means of evacuation will be the private automobile, augmented by bus transportation, as required. Evacuees will be urged to use any available means of private transportation.

(2) Information concerning persons without a source of private transportation is found in Attachment G. Unmet transportation resource requirements will be reported to the county transportation officer.

(3) Individuals without transportation should contact the East Vincent Township EOC at 933-4424 to arrange for pickup.

(4) Transportation resources will be assembled at the Municipal staging area located at the EOC (reference Attachment Q). An emergency worker will be assigned to each vehicle for the purpose of providing directions to the assigned residences of those persons requiring assistance. These individuals will be taken to the designated reception center; from there they will be taken to a mass care center.

(5) Transportation requirements for hospitals, nursing homes and public and private schools have been prearranged and will be coordinated by the county. Transportation resources allocated for evacuation of the aforementioned facilities are identified in the county RERP and are not considered as municipal transportation resources.

(6) Individuals requiring evacuation by ambulance or other special vehicle (reference Attachment F) will be relocated to the Pocopson Home in West Chester. Unmet ambulance resource requirements will be reported to the County Medical/EMS Group Chief.

f. Traffic Control Points (TCP)

East Vincent Township Police Department and other County law enforcement personnel will establish Traffic Control Points within the municipality (reference Attachment D).

g. Public/Private Schools

(1) Separate school plans have been developed to provide for the safety of school children. A copy can be found in the Municipal EOC.

(2) If school is in session at the time evacuation is recommended, children attending schools located within the emergency planning zone will be transported by bus to designated host schools outside the area. They will remain under school supervision until picked up by parents or guardians. These host schools have been planned to coincide with main evacuation routes.

(3) Students whose homes are inside but who attend school outside the emergency planning zone will not be sent home if a protective action is advised. They will remain at the school they attend under school supervision until picked up by parents or guardians.

(4) Specific information concerning host schools will be provided to parents by school officials.

h. Health Care Facilities

A separate plan has been developed for Pennhurst Center. A copy can be found in the Chester County EOC.

i. Access Control Points/Area Security

In the event of either protective action recommendations (sheltering and/or evacuation), Access Control Points will be established around the perimeter of the EPZ. These points are described in the Chester County RERP. There are, however, no ACP's in East Vincent Township. Additionally, conditions permitting (based upon information received from the County EOC), police personnel will provide security patrols throughout the municipality during the emergency.

j. Emergency Fuel Supplies

Designated gas stations along main evacuation routes will be open to provide emergency supplies of gasoline and diesel fuel to evacuees. A list of these stations is maintained at the County. The Pennsylvania National Guard will establish emergency fuel distribution points along main evacuation routes.

k. Roadway Clearing

(1) Removal of disabled vehicles from evacuation routes shall be accomplished by services dispatched through the County.

(2) Snow and other debris on evacuation routes shall be removed by the Township, Contractor and PennDOT.

(3) The National Guard will provide supplemental support as necessary.

l. Continued Fire Protection

In the event a fire is reported in East Vincent Township, the department having jurisdiction, if available and conditions permitting, will be dispatched by the County EOC. Normal turnout gear should provide adequate external contamination protection; respiratory protection should prevent the inhalation of radioactive material. See Annex M of the County RERP for additional information.

m. Agriculture

If evacuation becomes necessary, the Chester County DES, through the USDA County Agent, will certify farmers as emergency workers. This will allow them to return to the EPZ in order that they may tend to their livestock. See Annex O of the County RERP for additional information.

F. Radiological Exposure Control

If it is determined that a potential radiation hazard exists from an incident at the Limerick Generating Station, steps must be taken to protect both the public and emergency workers. Procedures for radiological exposure control are addressed in Annex M of the County RERP. Municipal actions relevant to radiological exposure control follow:

1. Municipal Emergency Workers

   a. When advised by the Chester County DES that a Site Emergency has been declared, municipal emergency workers will be issued dosimeters and potassium iodide (KI), a radioprotective drug. A unit of dosimetry-KI contains the following:

      * one (1) CD V 730 or DCA-622 self-reading dosimeter having a scale of 0 to 20R.

      * one (1) CD V 742 self-reading dosimeter having a scale of 0 to 200R.

      * one (1) thermoluminescent dosimeter (TLD) which is a machine-read crystalline dosimeter mounted in a card.

      * one (1) Dosimetry-KI Report Form (reference Attachment K).

      * one (1) bottle containing a fourteen day supply of potassium iodide (KI) tablets.

   b. PEMA will supply, when available, the County DES with enough dosimeters and KI for designated emergency workers within its portion of the plume exposure pathway EPZ. These resources will be predistributed to the Township. Attachment M lists emergency worker dosimetry-KI resource requirements.

   c. Distribution of the dosimeters and KI is as follows:

      (1) Upon notification of an Alert (or any higher classification of emergency should it be initial notification), the equipment will be prepared for distribution to municipal emergency workers. (Reference Attachment L).

      (2) Upon notification of a Site Emergency, dosimeters and KI will be distributed to municipal emergency response organizations identified in Attachment M. A signed receipt shall be obtained from each

organization (reference Attachment L). Emergency organizations will maintain property control by having each worker sign for the property (reference Attachment N).

(3) Emergency workers will take KI only upon the direction of the Secretary of the Pennsylvania Department of Health, notification of which will be received through emergency management channels.

d. Dosimetry Reading Procedures and Related Actions

(1) Dosimeters are to be worn in the pocket of an outer garment from the time of issue until the worker is dismissed from duty. In no case should the TLD be worn by more than one person since there is no way of ascertaining later how much of the dose recorded on the TLD was received by each individual if more than one person was involved.

(2) Each emergency worker is responsible for completing the Dosimetry/KI Report Form (reference Attachment K) and for reading the self-reading dosimeters at least once every thirty minutes. The protective action guide for whole body exposure is 25 rem. Therefore an emergency worker should seek to be relieved or complete the assigned task and then evacuate to an emergency worker decontamination station before receiving 25 R.

(3) Life Saving Missions - If a life saving mission should become necessary, the East Vincent Township elected official in charge may, under conditions shown below, authorize volunteer emergency workers to exceed the established 25 rem whole body limit. In no instance, however, should the emergency worker be authorized to exceed an absolute upper limit of 75 rems. This authorization may be given in advance to avoid the possibility of delay in performing life saving missions. When authorizing volunteer emergency workers to exceed the 25 rem limit, the elected officials should ensure that the following conditions are met:

(a) It is a life saving situation and alternative courses of action cannot be taken to accomplish the mission.

(b) The emergency workers are healthy adult male volunteers, preferably over 45 years of age.

(c) The emergency workers selected are persons whose normal duties might involve such missions, e.g., policemen and firemen with suitable protetive clothing and respiratory equipment.

(d) The mission will be accomplished in the least amount of "stay time."

(e) The emergency workers are knowledgeable of and accept the increased risk in exceeding the 25 rem limit.

e. Upon completion of emergency tasks during a contaminating incident, each emergency worker is to report to a decontamination station. Emergency workers in East Vincent Township are to report to Lionville Fire Company, Lionville, PA. Specifics relevant to monitoring and decontamination are contained in Annex M of the County RERP.

f. When the emergency is terminated, all dosimeters-KI should be returned to the Municipal EOC for forwarding to the County.

2. Public

The protective actions outlined in Section II, E, are intended to provide the necessary radiological exposure control for the general public. In addition, decontamination monitoring teams will service mass care centers and host health care facilities for the purpose of monitoring evacuees. A list of decontamination stations is provided in the County RERP.

G. Continuity of Government

1. Government

In the event of a general evacuation, the Board of Supervisors shall transact required business at an alternate seat of government located at the Chester County Library, Exton, PA.

2. Municipal Services

a. The Police Department will relocate to the Uwchlan Township Building.

b. All services will remain available to respond to emergencies within the EPZ, radiation levels permitting. Dispatch will be accomplished through the County EOC.

3. EOC

The EOC shall be relocated to the Chester County Library, Exton, PA.

H. Training

1. The Cnester County DES is responsible for coordinating radiological emergency response training as outlined in Annex R of the County RERP.

2. The East Vincent Township Emergency Management Coordinator shall ensure that local emergency response personnel are familiar with their responsibilities.

I. Concept of Operations

The following offers a list of general actions to be performed in the event of an incident.

1. Unusual Event

As per County policy, notification to Municipal EMC's will not take place.

2. Alert

a. The East Vincent Township Emergency Management Coordinator (EMC) will receive notification from Chester County DES. The EMC in turn, notifies municipal officials and key staff personnel.

b. The EMC and key staff will report to the Municipal EOC. Security measures will be implemented to restrict admittance.

c. Communications systems will be tested. The County will be notified when ARES communications are established.

d. Dosimeters will be prepared for later distribution.

e. Non-ambulatory residents shall be contacted to verify special requirements.

f. The EMC shall notify certain public and private institutions/facilities located within the municipality of the emergency. In some instances, this will be a verification of a notification previously received through a county-initiated procedure. A listing of these facilities is maintained in the Municipal EOC.

g. Route alert teams will be placed on standby.

h. If the public alert system is activated, the hearing impaired will be notified and Route Alert Teams dispatched as necessary.

i. Local TCP personnel will be notified.

j. The local EBS station WCAU 1210 AM, WYIS 690 AM or WCOJ 1420 AM will be monitored.

k. Review municipal and County Radiological Emergency Response Plans.

l. Ensure all messages which provide information or require a response are verified and logged. Pertinent data will be posted on the status board.

m. Additional unmet needs will be passed to the County.

n. In the event of reduction of classification or termination of incident, all parties previously notified will be informed.

3. Site Emergency

a. Same actions as Alert.

b. Additional emergency response personnel will be mobilized, including full EOC staff.

c. Dosimeters and KI will be distributed to emergency workers and organizations.

d. Resource inventories will be reviewed to verify that those resources indicated as being available are, in fact, available.

e. Road conditions will be reviewed, reporting any detours or construction areas to the County Public Works Officer.

f. Local TCP personnel will be placed on standby. East Vincent Township TCP's will be manned if local traffic conditions dictate.

g. Drivers and transportation assets needed for persons without transportation will be mobilized by the County.

h. In the event of reductions of classification or termination of incident, all parties previously notified will be informed; dosimeters and KI will be prepared for return to county.

4. General Emergency

   a. Same actions as Alert and Site Emergency.

   b. Alerting of special population groups, i.e., hearing impaired will begin at the time the public alert system is activated.

   c. Route alerting will commence in those areas of known public alert system failure or inadequate coverage. Information identifying the specific areas involved will be provided by the County.

   d. If sheltering is recommended:

      Increased security measures will be provided, conditions permitting.

   e. If evacuation is ordered:

      (1) Guidance to transportation resources dispatched through County transportation staging areas will be provided by the municipality to assist those without transportation.

      (2) Homebound invalids will receive evacuation assistance.

      (3) If necessary, fire, police, ambulance services and seat of government will be relocated after general population has evacuated or upon completion or assignments.

      (4) Traffic control points located within the municipality will be manned.

   f. When directed by Pennsylvania Department of Health, instruct emergency workers to take KI. This information will be relayed through emergency management channels.

   g. In the event of reduction of classification or termination of incident, all parties previously notified will be informed; dosimeters and KI will be prepared for return to the County.

5. Reentry

   a. Authorization for reentry will come from the Governor upon determination that it is safe to do so.

b. The East Vincent Township officials and Emergency Management Coordinator shall:

(1) Return to the local EOC.

(2) Reestablish safety and security services.

(3) Report damage caused by evacuation and reentry, as well as costs of support operations to County EOC.

J. Plan Maintenance and Distribution

1. Maintenance

a. The East Vincent Township Emergency Management Coordinator is responsible for ensuring the currency of the Municipal RERP, including the development and distribution of all changes, as well as accomplishing an annual review.

b. All changes to the East Vincent Township RERP shall be coordinated through the Chester County Director of Emergency Services.

c. All changes to the East Vincent Township RERP which involve policy shall be approved by Board of Supervisors.

d. The current date shall be placed on any page that is changed.

2. Distribution

a. Chester County

(1)	County EOC	Copy Number 1
(2)	Philadelphia Electric	Copy Number 2
(3)	PEMA	Copy Numbers 3-4
(4)	FEMA (through PEMA)	Copy Number 5

5 copies

b. East Vincent Township, elected officials

Copy numbers 6-8 3 copies

c. Emergency Management Coordinator and key staff

Copy numbers 9-16 8 copies

d. Police Department

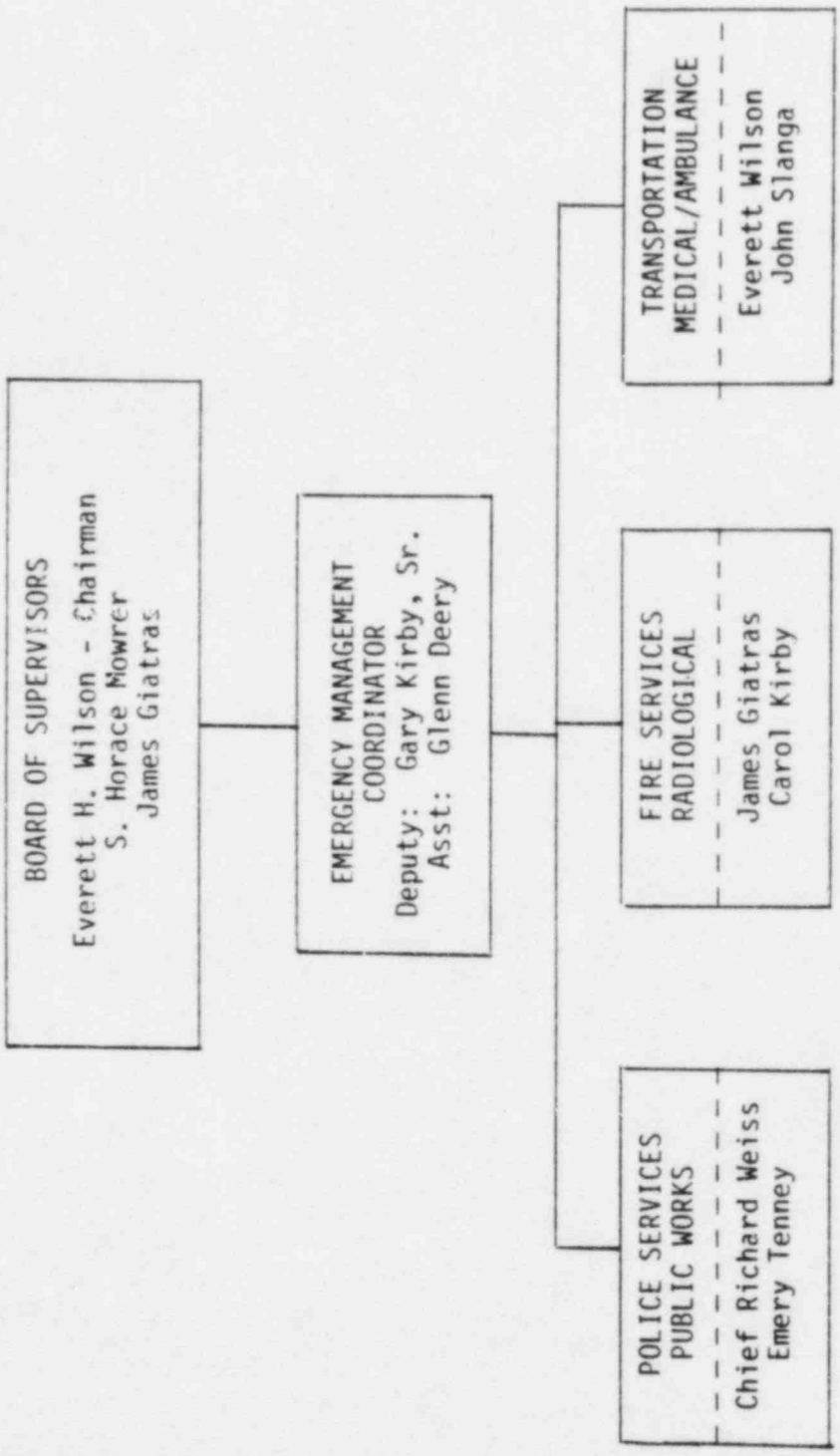
Copy number 17 — 1 copy

e. Municipal library

Copy number 18 — 1 copy

Additional copies of the plan can be made available upon specific request and justification to the East Vincent Township Emergency Management Coordinator. As revisions are made to the plan, properly identified change pages will be sent to all organizations, agencies and individuals holding a copy of the plan.

EAST VINCENT TOWNSHIP EMERGENCY ORGANIZATIONAL CHART



LETTERS OF AGREEMENT

I. Purpose

To document the arrangements made between East Vincent Township and those agencies providing the personnel and resources needed to successfully implement this plan.

II. Agreement providing and Maintenance

The East Vincent Township Emergency Management Coordinator shall be responsible for:

A. Determining the need for specific letters of agreement.

B. Developing their general content.

C. Updating them as necessary.

III. Specific Agreements

None Required

TRAFFIC CONTROL POINTS

Post Number	Location	Responsible Police Organization	# Officers Assigned
33	Route 23 & Bertolett School Rd.	PSP	2
34	Route 724 & New St.	PSP	2
East Vincent 1	Route 724 & Bridge St.	Township	1
East Vincent 2	Route 724 & Hill Church Rd.	Township	1
East Vincent 3	Route 724 & Stoney Run Rd.	Township	1
East Vincent 4	Pennhurst Rd. & Bridge St.	Township	1

ROUTE ALERTING

At least two (2) persons will be named to each alert team.

Each route alert team will be supplied with a map of the assigned sector (reference Tab 1). Alert teams will issue the following message:

"There is an emergency at the Limerick Generating Station; please tune to your Emergency Broadcast System Station WCAU 1210 AM or WCOJ 1420 AM."

Additional route alert personnel will directly contact: (1) any individuals along their designated route who have been identified as hearing impaired in this plan to ensure they have received notification, (reference Tab 2) and (2) transient locations to ensure notification has been received.

Sector No. 63-A Alert Team: Liberty Fire Department

Leader: **

Assistant: **

Transient Location: None

Hearing Impaired Individuals*:

Sector No. 63-D Alert Team: Liberty Fire Department

Leader: **

Assistant: **

Transient Location: None

Hearing Impaired Individuals*:

Sector No. 62-A Alert Team: Ridge Fire Department

Leader: **

Assistant: **

Transient Location: Camp Sankanac; Camp Innabah, Spirit of Gheel

*There are 14 hearing impaired individuals in the municipality. Their names and addresses are on file in the Municipal EOC.

**Route alerting will be conducted by fire department personnel. Sufficient trained members will be mobilized at the time of the incident to man the sector teams. Specific assignments will be made at the time of mobilization from availability lists maintained in the Township EOC.

Hearing Impaired Individuals*:

Sector No. 62-B Alert Team: Ridge Fire Department

Leader: **

Assistant: **

Transient Location: None

Hearing Impaired Individuals*:

Sector No. 62-C Alert Team: Ridge Fire Department

Leader: **

Assistant: **

Transient Location: None

Hearing Impaired Individuals*:

Sector No. 61-H Alert Team: Kimberton Fire Department

Leader: **

Assistant: **

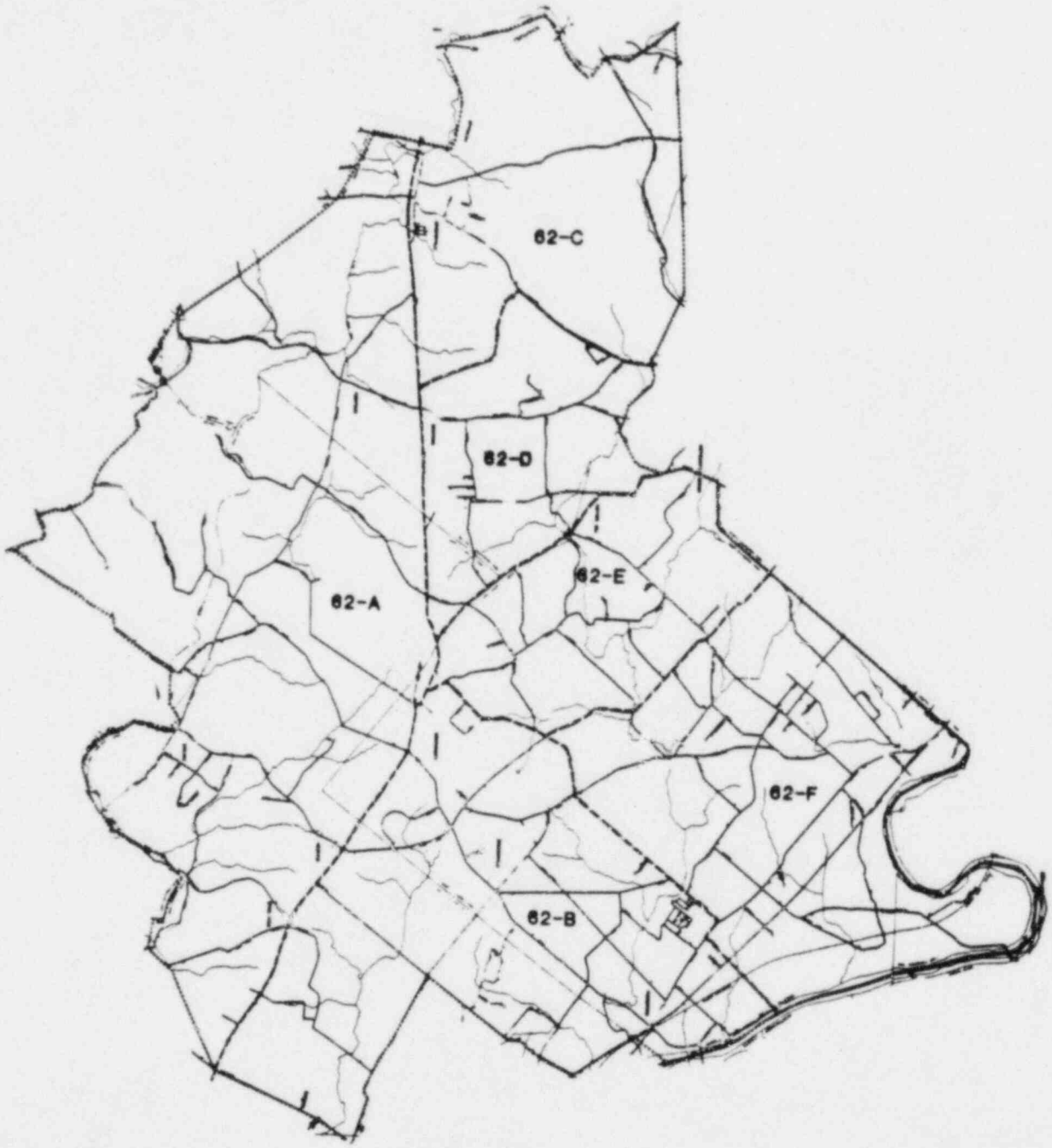
Transient Location: None

Hearing Impaired Individuals*:

*There are 14 hearing impaired individuals in the municipality. Their names and addresses are on file in the Municipal EOC.

**Route alerting will be conducted by fire department personnel. Sufficient trained members will be mobilized at the time of the incident to man the sector teams. Specific assignments will be made at the time of mobilization from availability lists maintained in the Township EOC.

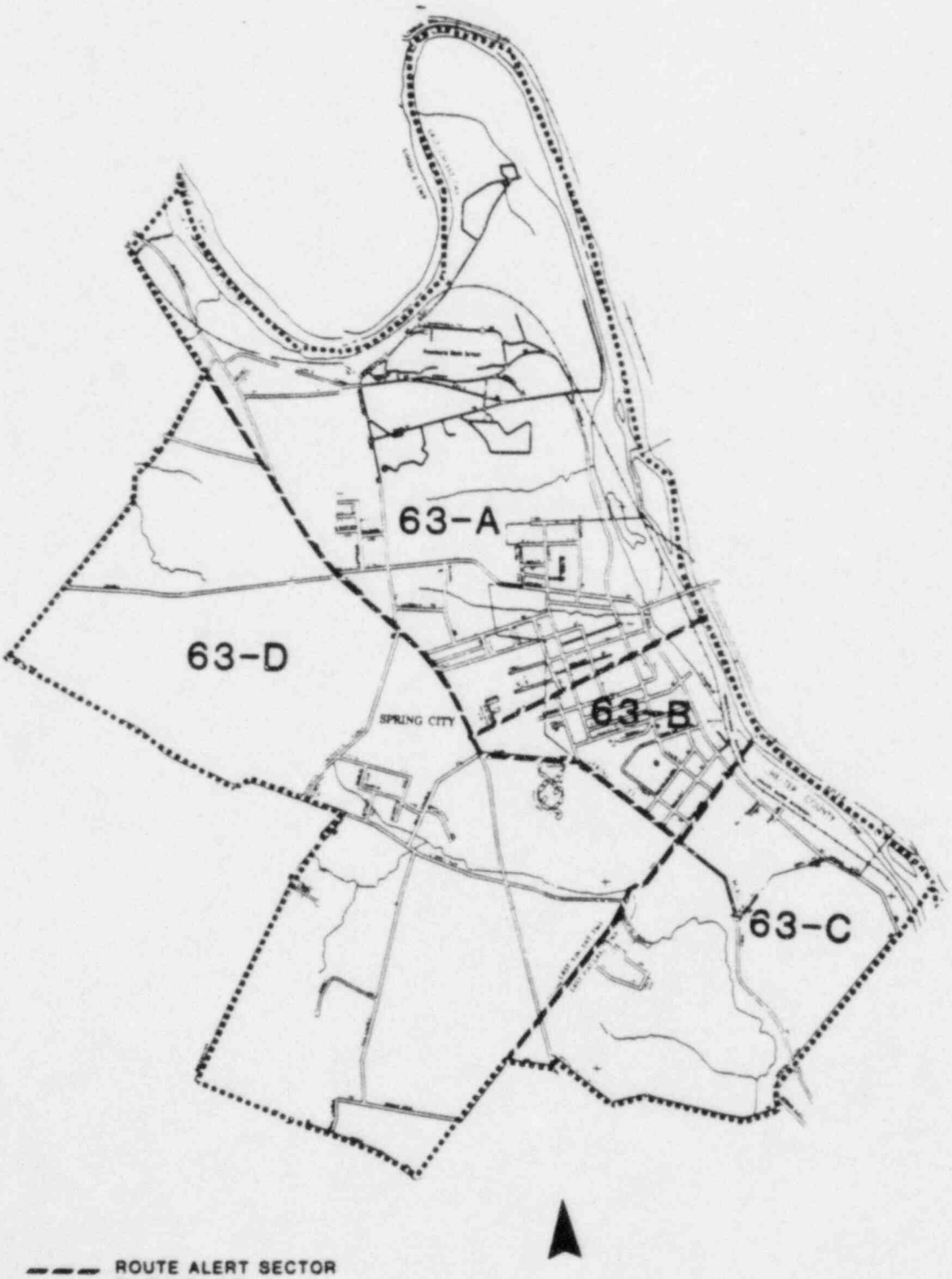
RIDGE FIRE COMPANY
ROUTE ALERT MAP



ROUTE ALERT SECTOR DIVIDING LINE

00-0 SECTOR NUMBER

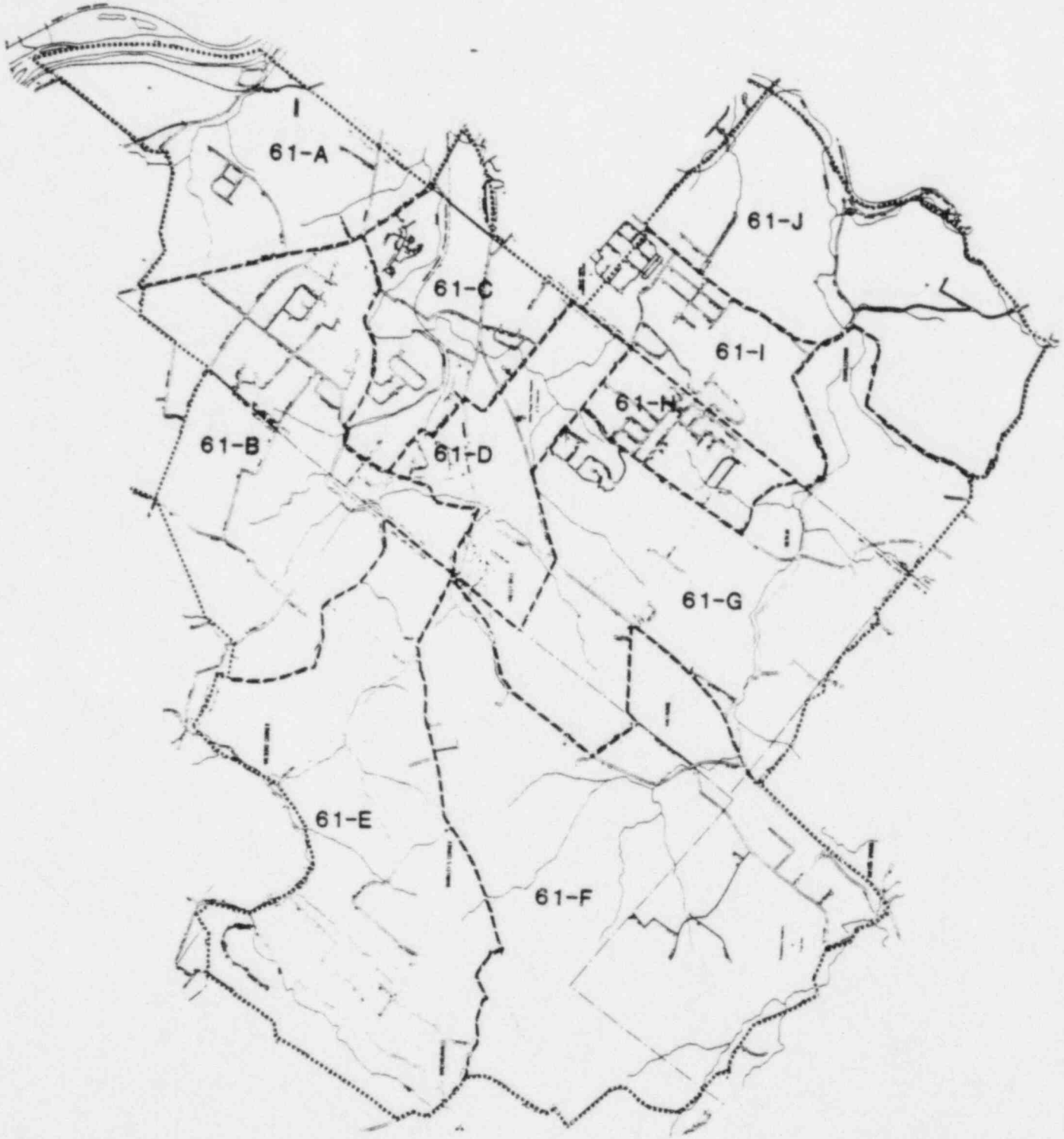
LIBERTY FIRE COMPANY
ROUTE ALERT MAP



— — — ROUTE ALERT SECTOR DIVIDING LINE

00-0 SECTOR NUMBER

KIMBERTON FIRE COMPANY
ROUTE ALERT MAP



— — — ROUTE ALERT SECTOR DIVIDING LINE

00-0 SECTOR NUMBER

MESSAGE - HEARING-IMPAIRED

There is an emergency at the Limerick Generating Station.

Please contact a relative, friend or neighbor so that you can receive important information being broadcast over the emergency broadcast system.

Please review your public information brochure for incidents at the Limerick Generating Station for additional important information.

If you do not have a relative, friend or neighbor nearby to assist you, please tell the individual who gave you this information immediately.

RESIDENTS WITH SPECIAL MEDICAL REQUIREMENTS

A. There are 6* residents requiring ambulance support in the event of an evacuation. Their names, addresses, and telephone numbers are on file in the municipal EOC.

B. There are 10* residents who may require special assistance in the event of protective actions. Their names, addresses, and telephone numbers are on file in the municipal EOC.

C. There are 14* hearing impaired individuals in the municipality. Their names and addresses are on file in the Municipal EOC.

*Based upon public survey data.

NOTE: These individuals will be contacted by the Transportation Service Officer at Alert to confirm the status of their medical needs. This list will be updated every six (6) months.

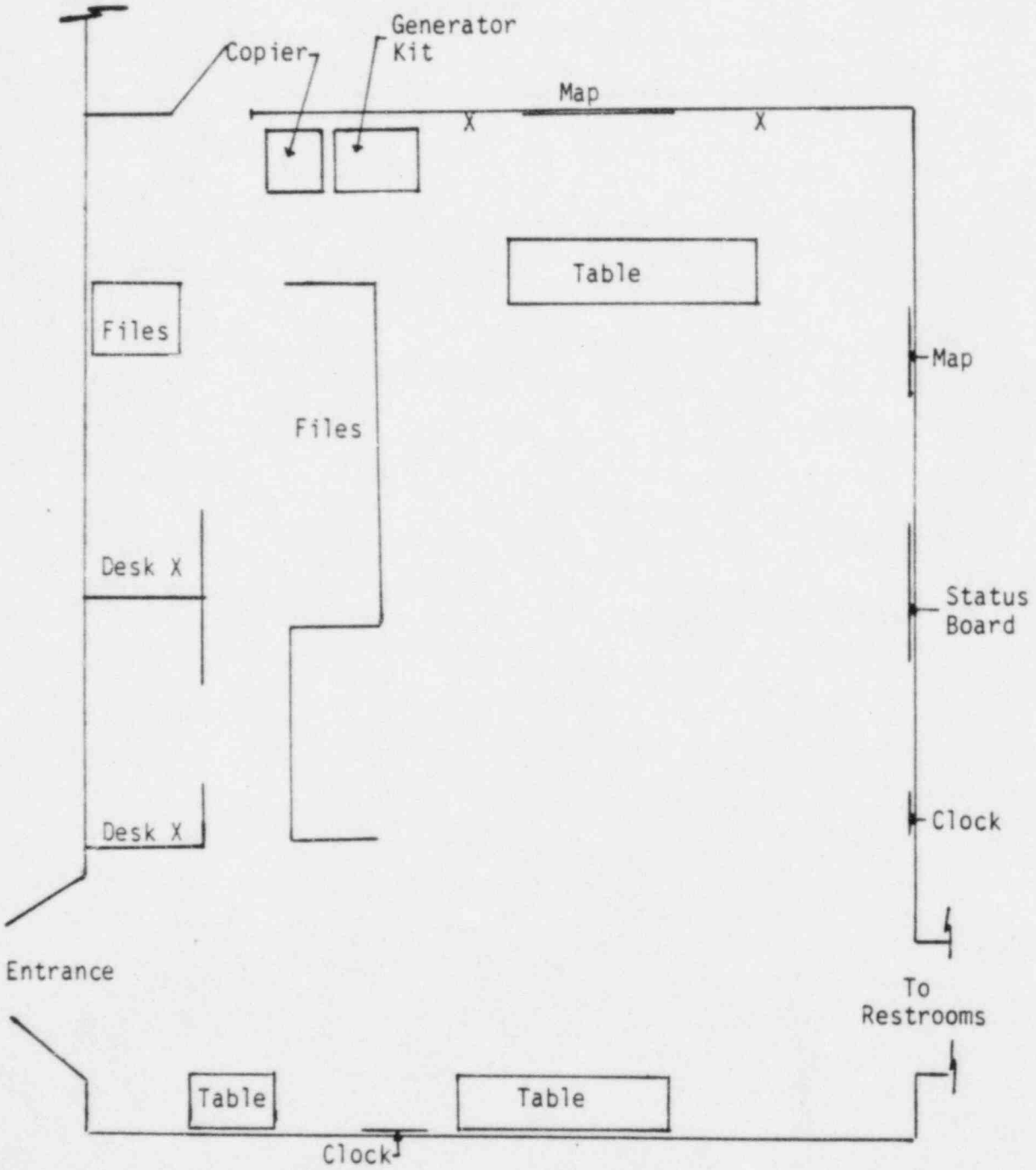
PERSONS REQUIRING TRANSPORTATION ASSISTANCE

There are 50* residents who require transportation assistance in the event of evacuation. Their names and addresses are on file at the municipal EOC.

It is understood that there may be additional individuals who will require transportation assistance on the time of evacuation. These individuals are to contact the municipal EOC to arrange for pickup.

*Based upon public survey data.

FLOOR PLAN - EAST VINCENT TOWNSHIP EMERGENCY OPERATIONS CENTER



X - Telephone

Not to scale

EMERGENCY NOTIFICATION LIST

1. Elected Officials

a.	Everett H. Wilson - Chairman		Home Phone: _____ Bus. Phone: _____
b.	S. Horace Mowrer		Home Phone: _____ Bus. Phone: _____
c.	James Giatras		Home Phone: _____ Bus. Phone: _____
2.	Coordinator	Gary Kirby, Sr.	Home Phone: _____ Bus. Phone: _____
	Deputy	Glenn Deery	Home Phone: _____ Bus. Phone: _____
3.	Police Services Officer	Chief Richard Weiss	Home Phone: _____ Bus. Phone: _____
	Deputy	Emery Tenney	Home Phone: _____ Bus. Phone: _____
4.	Fire/Rescue Officer	James Giatras	Home Phone: _____ Bus. Phone: _____
	Deputy	Carol Kirby	Home Phone: _____ Bus. Phone: _____
5.	Transportation Officer	Everett Wilson	Home Phone: _____ Bus. Phone: _____
	Deputy	John Slanga	Home Phone: _____ Bus. Phone: _____

Note: These numbers are on file in the Municipal EOC and updated quarterly.

6. Special Facilities

a. East Vincent Elementary School
b. St. Joseph's Kindergarten
c. Vincent Heights
d. Park Springs
e. Kimberton Farms
f. Grace Assembly Day Care
g. Orion Communities, Inc.
h. Hanrahan Day Care Center
i. Camp Innabah
j. Camp Sankanac
k. Spirit of Gheel
l. Sunny Slope Dairies

DOSIMETRY-K[illegible]PORT FORM

ATTACHMENT K

(Please p[illegible] legibly)

Emergency [illegible]rker's Name: _____ Social Security Number: ___ - ___ - ____

Home Address: _____ Emergency Worker's Organization: _____

County: _____ Emergency Worker's Signature: X _____

MISSION			CD V-730 or DCA-622 (0-20R)			CD V 742 (0-200R)		
No.	Description	Date	SERIAL #	BEFORE / AFTER	MISSION TOTAL	SERIAL #	BEFORE / AFTER	MISSION TOTAL
				R			R	
1.				R	R		R	R
				R			R	
2.				R	R		R	R
				R			R	
3.				R	R		R	R
				R			R	
4.				R	R		R	R
				R			R	
5.				R	R		R	R
				TOTAL	R		TOTAL	R

DOSIMETRY INSTRUCTIONS: Read the CD V-730 (DCA-622) and CD V-742 each half hour. not exceed 25 R cumulative total. The TLD gives an accurate reading of total dose and therefore should be used only by one person. Forward the TLD with this form (see form distribution below).

THYROID GLAND SCREENING CHECK

Upon completion of the mission, or as directed, each emergency worker is to undergo "decontamination monitoring" at a decontamination monitoring station or a mass care/decontamination center. Monitoring personnel at these stations will complete a "Decontamination Monitoring Report Form" for you. Additionally, emergency workers are to be screened for radioiodine uptake in the thyroid gland and the results recorded here. Medical referral action level for the thyroid check is 0.1 mR/hr or higher when using the CD V 700 survey meter.

CD V 700 Serial #: _____ Reading: _____ mR/hr

Signature of Monitor: X _____

DOSIMETRY-KI REPORT FORM DISTRIBUTION: Forward this completed form with the TLD through emergency management channels to BRP. When the self-reading dosimetry indicates total exposure of 25R or more, expedite delivery to BRP. BRP will forward to the individual and to the County EMA the TLD reading as well as an explanation of the reading. When expedited delivery is made to BRP and where otherwise warranted, BRP will report the TLD reading within 24 hours. Routine reporting may take a week or more.

TLD (thermoluminescent dosimeter)

Serial # of TLD:

	DATE/TIME	PERSON/ ORGANIZATION
Issued		By:
Turned In		To:

READING OF TLD

m/Rem _____

Date of Reading _____

POTASSIUM IODIDE (KI) RECORD

	Date	Time	Amount Taken
Day 1			1 tablet/130mg
Day 2			1 tablet/130mg
Day 3			1 tablet/130mg
Day 4			1 tablet/130mg
Day 5			1 tablet/130mg
Day 6			1 tablet/130mg
Day 7			1 tablet/130mg
Day 8			1 tablet/130mg
Day 9			1 tablet/130mg
Day 10			1 tablet/130mg
Day 11			1 tablet/130mg
Day 12			1 tablet/130mg
Day 13			1 tablet/130mg
Day 14			1 tablet/130mg

KI INSTRUCTIONS: Take KI only on the direction of the Secretary of the Department of Health. Take one tablet (130mg) once a day. If you have any adverse reaction to the drug, discontinue taking KI and report to your supervisor.

ATTACHMENT L

RECEIPT FORM FOR DOSIMETRY-SURVEY METERS-KI

JED BY _____ ISSUED TO _____

RESS _____ ADDRESS _____

PONSIBLE INDIVIDUAL _____

EPHONE _____

TRUCTIONS: During a nuclear power plant incident, use this form to maintain property con- when distributing the items listed below to municipalities and decontamination monitoring ns. This form should be used for transfer of these items in bulk form from: (1) the nty emergency management agency to risk municipalities and decontamination monitoring ns; and (2) the municipalities to their local emergency response organizations (such as e, police, and ambulance associations).

IE ER	DESCRIPTION	QUANTITY
.	CD V-742 Self-Reading Dosimeter (0-200R)	
.	CD V-730 Self-Reading Dosimeter (0-20R)	
.	DCA-622 Self-Reading Dosimeter (0-20R)	
.	CD V-750 Dosimeter Charger	
.	TLD (Thermoluminescent Dosimeter) Serial Numbers _____ THROUGH _____	
.	Potassium Iodide (KI) Tablets (Bottles of 14 Tablets Each)	
.	CD V-700 Survey Meter	
.	Dosimetry-KI Report Form	
.	Decontamination Monitoring Report Form	
.	Receipt Form for Dosimetry-Survey Meters-KI	
.	Acknowledgement of Receipt by Emergency Workers for Dosimetry-KI and Survey Meters	

IV BY: _____ TITLE _____

URE: X _____ DATE _____

EMERGENCY WORKER DOSIMETRY-KI LIST

	AGENCY	NUMBER OF EMERGENCY WORKERS
A.	Municipal Emergency Management Agency	
	Emergency Operations Center 55 Ridge Road Spring City, PA	10
B.	Police Department	
	East Vincent Township Police Department	4
C.	Public Works	10
D.	Pennhurst Center	20
	Total Units of Dosimetry-KI Required	44

ATTACHMENT N

Page: ____ of ____ pages

ACKNOWLEDGMENT OF RECEIPT BY EMERGENCY WORKERS FOR DOSIMETRY-KI AND SURVEY METERS

NOTES: Emergency workers assigned to decontamination monitoring teams at decontamination monitoring stations or centers do NOT receive a CD V-730 or DCA 622 (see column 2). Only members of decontamination monitoring teams receive a CD V-700 survey meter (see column 6).

INSTRUCTIONS FOR DISTRIBUTION: Enter (1) or (0) in columns 2 and 6. Record the serial number of the DCA-622 in column 2 and the serial number of the TLD in column 3. By signing column 8, the individual accepts responsibility for each item indicated on the respective line and agrees to return these items (less the KI authorized to be used) upon request and automatically when the nuclear power plant incident is terminated.

INSTRUCTIONS FOR RETURN OF ITEMS-DESCRIBED: (✓) by the organization's responsible individual indicates return of each item.

DATE _____

NAME OF EMERGENCY ORGANIZATION _____

RESPONSIBLE INDIVIDUAL _____

ORGANIZATION ADDRESS _____

1	2	3	4	5	6		8
CD V-742 DOSIMETER (0-200R)	CD V-730 OR DCA-622 (Serial Number) (0-20R)	TLD (THERMO-LUMINESCENT DOSIMETER) (Serial Number)	KI (POTASSIUM IODIDE) (Tablets)	DOSIMETRY-KI REPORT FORM	CD V-700 SURVEY METER	INDIVIDUAL'S NAME (print legibly)	INDIVIDUAL'S SIGNATURE
✓	✓	✓	✓	✓	✓		
1 each			1 bottle	1 each			
1 each			1 bottle	1 each			
1 each			1 bottle	1 each			
1 each			1 bottle	1 each			
1 each			1 bottle	1 each			
1 each			1 bottle	1 each			
1 each			1 bottle	1 each			
1 each			1 bottle	1 each			
1 each			1 bottle	1 each			
1 each			1 bottle	1 each			
1 each			1 bottle	1 each			
1 each			1 bottle	1 each			
1 each			1 bottle	1 each			
1 each			1 bottle	1 each			
1 each			1 bottle	1 each			

CONSOLIDATED RESOURCE LIST

		TOTAL REQUIRED	LOCALLY AVAILABLE	UNMET NEED
A.	VEHICLES			
	1. Buses[1]	2[2]	0	2
	2. Ambulances	3	0	3
	3. Vehicles with Loudspeakers	6	6	0
	4. Other	0	0	0
B.	PERSONNEL			
	1. Route Alerting	12	12	0
	2. Transportation	2	2	0
	3. TCP	8	6[3]	2
	4. Special Assistance	3	3	0
	5. Medical/Ambulance	3	3	0
	6. ARES	2	0	2
	7. Other	0	0	0
C.	EQUIPMENT			
	1. Communications (by type)	Telephones: 3 ARES: 1	Telephones: 3 ARES: 0	Telephones: 0 ARES: 1
	2. Traffic Control	0	0	0
	3. Life Support	0	0	0
	4. Other	0	0	0

[1]Resource planning for buses excludes those required for evacuation of schools.
[2]Based upon an estimate of 40 persons/bus.
[3]Includes PSP personnel and 50% of township police personnel.

NOTE: Unmet needs will be supplied through the County/PEMA.

MUNICIPAL POLICE/FIRE/AMBULANCE RESOURCES

Police Department	Equipment	Manpower
East Vincent Township Police Dept.	2 vehicles	4 part-time

Fire Department

None required in Township

Coverage by Ridge Fire Company,
Spring City Fire Department and
Kimberton Fire Department

Ambulance Services

None required in Township

Coverage by Spring City Ambulance

LEGEND:

- TOWNSHIP BOUNDARIES
- HIGHWAYS
- POPULATION AREAS
- COUNTY BOUNDARIES
- TRAFFIC CONTROL POINTS
- TRANSPORTATION STAGING AREA
- EVACUATION ROUTE
- EMERGENCY OPERATION CENTER

CHESTER COUNTY
EAST VINCENT TOWNSHIP

Attachment Q

EVACUATION SUPPORT MAP

SUPPORTING PLANS

Owen J. Roberts School District RERP*

Kimberton Farm School RERP*

Pennhurst Center RERP

*On file in Municipal EOC.

EAST VINCENT TOWNSHIP

CHESTER COUNTY

RADIOLOGICAL EMERGENCY RESPONSE PLAN

FOR INCIDENTS AT THE

LIMERICK GENERATING STATION

IMPLEMENTING PROCEDURES

June 1985

Copy Number _____

IMPLEMENTING PROCEDURES

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INTRODUCTION

This section is intended to provide detailed immediate action guidance to those emergency response personnel designated to support the East Vincent Township Radiological Emergency Response Plan (RERP). These actions represent the steps necessary to ensure that the general public is adequately protected. However, because conditions for emergency situations may vary, further actions may be dictated through the Chester County EOC or local elected officials.

Guidance for development of these implementing procedures has been provided through the policies contained within the East Vincent Township RERP to which these procedures are annexed.

For ease of reference, implementing procedures have been color-coded by incident classification as follows:

Blue - Unusual Event
Blue - Alert
Yellow - Site Emergency
Pink - General Emergency

Implementing procedures contained herein are assigned to the respective East Vincent Township EMA staff officers:

1. Emergency Management: Emergency Management Coordinator
2. Police Services: Police Services Officer
3. Fire Services: Fire Services Officer
4. Medical/Ambulance Services: Transportation Officer
5. Communications: Emergency Management Coordinator
6. Transportation: Transportation Officer
7. Public Works: Police Services Officer
8. Radiological: Fire Services Officer

NOTE: IF YOU NEED TO DEVIATE FROM THIS PLAN OR IF ANY PROBLEMS ARE ENCOUNTERED, NOTIFY THE COUNTY EOC.

ANNEX A

Implementing Procedure

Emergency Management Coordinator

Emergency Management Coordinator: Gary Kirby, Sr.
Deputy: Glenn Deery

UNUSUAL EVENT

1. If notified, document:

   a. Date: _____

   b. Time: _____

   c. Source: _____

   d. Details: _____

   _____

   _____

   e. Actions Recommended: _____

   _____

   _____

   f. Actions Taken: _____

   _____

   _____

Implementing Procedure

Emergency Management Coordinator*

ALERT

1. Document:

   a. Date: _____

   b. Time: _____

   c. Source: _____

   d. Details: _____

   _____

   _____

2. Notify:

	Telephone		Time
a. Elected Officials			
(1) Everett H. Wilson	[redacted]7	home	_____
	[redacted]	office	_____
(2) S. Horace Mowrer	[redacted]	home	_____
	[redacted]	office	_____
(3) James L. Giatras	[redacted]	home	_____
	[redacted]80	office	_____
b. Key Staff			
(1) Police Services Officer Chief Richard Weiss	933-7621	home	_____
		office	_____
or Deputy Emery Tenney	[redacted]	home	_____
		office	_____
or James Cote	[redacted]	ome	_____
		office	_____
(2) Fire Services Officer James Giatras	[redacted]	home	_____
	[redacted]	office	_____
or			

*Note: This procedure has been modified to include Communications procedures.

Deputy
Carol Kirby — [redacted] home _____ / _____ office _____

(3) Transportation Officer
Everett Wilson — [redacted] home _____ / [redacted] office _____
or
Deputy
John Slanga — [redacted] home _____ / [redacted] office _____

(4) Deputy Coordinator
Glenn Deery — [redacted] home _____ / [redacted] office _____

Have key staff report to EOC. _____ (time)

3. Verify that the following have been notified:

	Telephone	Time
a. Police Department	[redacted]	_____

b. Verification Message:

"This is (name & title) . I would like to verify that you have been notified that an incident classification of 'Alert' has been declared at the Limerick Generating Station."

4. Report to and activate local Emergency Operations Center (EOC).

a. Activated _____ (time)

b. County Municipal Liaison Officer notified of EOC activation [redacted] _____ (time)

c. Check communication systems for operability. _____ (time)

d. Establish EOC security. _____ (time)

e. Monitor EBS station WCAU 1210 AM, WCOJ 1420 AM, or WYIS 690 AM _____ (time)

f. Ensure Route Alert Teams have been mobilized as necessary. _____ (time)

g. If public alert system has been activated, notify hearing impaired. _____ (time)

h. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched. _____ (time)

i. Log all messages that provide information or require action. Post pertinent data on status board.

j. Review fact sheet (Appendix A-1). _____ (time)

5. Verify that the following have been notified:

	Telephone	Time
a. School		
(1) East Vincent Elementary School Kenneth J. Swart	[redacted] office	_____
(2) St. Joseph's Kindergarten	[redacted] office	_____

b. Verification Message:

"This is ___(name/title)___. I would like to verify that you have been notified that an incident classification of 'Alert' has been declared at the Limerick Generating Station."

6. Notify the following:

	Telephone	Time
a. Special Facilities		
(1) Vincent Heights	[redacted] office	_____
(2) Park Springs	[redacted] home [redacted] office	_____ _____
(3) Kimberton Farms Andrew Dill President	[redacted] home [redacted] office	_____ _____
(4) Grace Assembly Day Care Mrs. Nina Mason	[redacted] home [redacted] office	_____ _____
(5) Orion Communities, Inc. Ulrich Babbel	[redacted] home	_____
(6) Hanrahan Day Care Center Cathleen Hanrahan	[redacted] home	_____
(7) Camp Innabah	[redacted] office	_____
(8) Camp Sankanac	[redacted] office	_____
(9) Spirit of Gheel	_____ office	_____
(10) Sunny Slope Dairies	[redacted] office	_____

b. Message:

"This is _____(name/title)_____. An incident classification of 'Alert' has been declared at the Limerick Generating Station."

Note: This is provided for informational purposes only. No actions are normally required.

7. Ensure ARES operator contacts the County ARES base upon arrival at the Municipal EOC. _____(time)_____

8. Review remaining emergency procedures in the event of escalation.

9. Report all unmet needs to the County Municipal Liaison Officer ([redacted].

10. Maintain Alert status until notified of termination, escalation or reduction of classification:

a. Date: _____

b. Time: _____

c. Source: _____

d. Disposition

(1) Termination _____

(2) Escalation _____

(3) Reduction _____

11. If escalation, accomplish appropriate Implementing Procedure. If termination or reduction of classification, verify/notify the following:

a. Verification:

	Telephone	Time
(1) Police Department	[redacted]	_____
(2) School		
(a) East Vincent Elementary School Kenneth J. Swart	[redacted] office	_____
(b) St. Joseph's Kindergarten	[redacted] office	_____

(3) Verification Message:

"This is _____(name/title)_____. I would like to verify that you have been notified that the emergency at the Limerick Generating Station has been terminated or reduced to Unusual Event."

b. Notification:

	Telephone	Time
(1) Elected Officials		
(a) Everett H. Wilson	[redacted] home [redacted] office	_____ _____
(b) S. Horace Mowrer	[redacted] home [redacted] office	_____ _____
(c) James L. Giatras	[redacted] home _____ office	_____ _____
(2) Special Facilities		
(a) Vincent Heights	[redacted] office	_____
(b) Park Springs	_____ home [redacted] office	_____ _____
(c) Kimberton Farms Andrew Dill President	[redacted] home [redacted] office	_____ _____
(d) Grace Assembly Day Care Mrs. Nina Mason	[redacted] office	_____
(e) Orion Communities, Inc. Ulrich Babbel	[redacted] home	_____
(f) Hanrahan Day Care Center Cathleen Hanrahan	[redacted] home	_____
(g) Camp Innabah	[redacted] office	_____
(h) Camp Sankanac	[redacted] office	_____
(i) Spirit of Gheel	_____ office	_____
(j) Sunny Slope Dairies	[redacted] office	_____

(3) Message:

"This is _____(name/title)_____. The emergency at the Limerick Generating Station has been terminated or reduced to Unusual Event."

12. Remarks/Actions Taken:

Implementing Procedure

Emergency Management Coordinator

SITE EMERGENCY

If this is the first notification received or if escalation from Unusual Event, accomplish all actions; if escalation from Alert classification, Item 4 may be omitted:

1. Document:

   a. Date: _____

   b. Time: _____

   c. Source: _____

   d. Details: _____

   _____

   _____

2. Notify:

	Telephone	Time
a. Elected Officials		
(1) Everett H. Wilson	[redacted] home office	_____ _____
(2) S. Horace Mowrer	[redacted] home office	_____ _____
(3) James L. Giatras	[redacted] home office	_____ _____
b. Key Staff		
(1) Police Services Officer Chief Richard Weiss	[redacted] home office	_____ _____
or Deputy Emery Tenney	[redacted] home office	_____ _____
or James Cote	[redacted] home office	_____ _____

(2) Fire Services Officer
James Giatras
or
Deputy
Carol Kirby

[redacted] home
[redacted] office
[redacted] home
[redacted] office

(3) Transportation Officer
Everett Wilson
or
Deputy
John Slanga

[redacted] home
[redacted] office
[redacted] home
[redacted] office

(4) Deputy Coordinator
Glenn Deery

[redacted] home
[redacted] office

Have key staff report to EOC. _____ (time)

3. Verify that the following have been notified:

	Telephone	Time
a. Police Department	[redacted]	_____

b. Verification Message:

"This is (name/title) . I would like to verify that you have been notified that a 'Site Emergency' has been declared at the Limerick Generating Station."

4. Report to and activate the local Emergency Operations Center

a. Activated _____ (time)

b. County Municipal Liaison Officer notified of EOC activation [redacted] _____ (time)

c. Communications system checked for operability. _____ (time)

d. Establish EOC security. _____ (time)

e. Monitor EBS station WCAU 1210 AM, WCOJ 1420 AM, or WYIS 690 AM. _____ (time)

f. Ensure Route Alert Teams have been mobilized as necessary. _____ (time)

g. If the public alert system has been activated, notify hearing impaired. _____ (time)

h. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched _____ (time)

i. Log all messages that provide information or require action. Post pertinent data on status board. _____ (time)

j. Review fact sheet (Appendix A-1). _____ (time)

5. Have additional emergency personnel report to the EOC (for 24-hour operation), or where needed. _____ (time)

6. Ensure that appropriate EOC staff have placed their respective emergency workers on standby status. _____ (time)

7. Verify that the following have been notified:

	Telephone	Time
a. School		
(1) East Vincent Elementary School Kenneth J. Swart	[redacted] office	_____
(2) St. Joseph's Kindergarten	[redacted] office	_____

b. Verification Message:

"This is (name/title) . I would like to verify that you have been notified that an incident classification of 'Site Emergency' has been declared at the Limerick Generating Station."

8. Notify the following:

	Telephone	Time
a. Special Facilities		
(1) Vincent Heights	[redacted] ffice	_____
(2) Park Springs	home [redacted] ffice	_____ _____
(3) Kimberton Farms Andrew Dill President	[redacted] home [redacted] office	_____ _____
(4) Grace Assembly Day Care Mrs. Nina Mason	[redacted] home office	_____ _____
(5) Orion Communities, Inc. Ulrich Babbel	[redacted] home	_____

(6) Hanrahan Day Care Center
Cathleen Hanrahan [redacted] home _____

(7) Camp Innabah [redacted] office _____

(8) Camp Sankanac [redacted] office _____

(9) Spirit of Gheel _____ office _____

(10) Sunny Slope Dairies [redacted] office _____

b. Message:

"This is _____(name/title)_____. An incident classification of 'Site Emergency' has been declared at the Limerick Generating Station." (Provide appropriate instructions as necessary.)

9. Verify Resource Availability:

Ensure appropriate EOC staff have reviewed their respective resource inventories and have reported deficiencies to their respective counterparts in the County EOC; for example, the Municipal Transportation Officer contacts the County Transportation Officer. _____(time)_____

10. Ensure Fire Services Officer has distributed dosimeters/KI to emergency workers. _____(time)_____

11. Review road conditions with EOC staff, i.e., there is no construction or other activity which would hinder movement of personnel or vehicles to/from the area. Ensure that the Transportation Officer and the County Public Works Officer ([redacted] are aware of any problem areas.

_____(time)_____

12. Ensure ARES operator contacts the County ARES base upon arrival at Municipal EOC. _____(time)_____

13. Review remaining emergency procedures in the event of escalation.

14. Maintain Site Emergency status until notified of termination, escalation, or reduction of classification:

a. Date: _____

b. Time: _____

c. Source: _____

d. Disposition:

(1) Termination _____

(2) Escalation _____

(3) Reduction _____

15. If escalation, accomplish appropriate Implementing Procedure. If termination or reduction of classification, notify/verify the following:

a. Verification:

	Telephone	Time
(1) Police Department	[redacted]	_____
(2) School		
(a) East Vincent Elementary School Kenneth J. Swart	[redacted] office	_____
(b) St. Joseph's Kindergarten	[redacted] ffice	_____

(3) Verification Message:

"This is (name/title) . I would like to verify you have been notified that the emergency at the Limerick Generating Station has been terminated/reduced to _____."

b. Notification:

	Telephone	Time
(1) Elected Officials		
(a) Everett H. Wilson	[redacted] home [redacted] office	_____
(b) S. Horace Mowrer	[redacted] home [redacted] office	_____ _____
(c) James L. Giatras	[redacted] home _____ office	_____ _____
(2) Special Facilities		
(a) Vincent Heights	[redacted] office	_____
(b) Park Springs	[redacted] home [redacted] ffice	_____ _____
(c) Kimberton Farms Andrew Dill President	[redacted] home [redacted] office	_____ _____
(d) Grace Assembly Day Care Mrs. Nina Mason	[redacted] ffice	_____

(e) Orion Communities, Inc.
Ulrich Babbel [redacted] home _____

(f) Hanrahan Day Care Center
Cathleen Hanrahan [redacted] home _____

(g) Camp Innabah [redacted] office _____

(h) Camp Sankanac [redacted] office _____

(i) Spirit of Gheel _____ office _____

(j) Sunny Slope Dairies [redacted] office _____

(3) Message:

"This is _____(name/title)_____. The emergency at the Limerick Generating Station has been terminated/reduced to _____."

16. Remarks/Actions Taken:

Implementing Procedure

Emergency Management Coordinator

GENERAL EMERGENCY

If this is the first notification or escalation from Unusual Event, accomplish all actions; if escalation from Alert or Site Emergency, Item 4 may be omitted:

1. Document:

   a. Date: _____

   b. Time: _____

   c. Source: _____

   d. Details: _____

   _____

   _____

2. Notify:

	Telephone	Time
a. Elected Officials		
(1) Everett H. Wilson	[redacted] home [redacted] office	_____ _____
(2) S. Horace Mowrer	[redacted] home [redacted] office	_____ _____
(3) James L. Giatras	[redacted] home [redacted] office	_____ _____
b. Key Staff		
(1) Police Services Officer Chief Richard Weiss	[redacted] home _____ office	_____ _____
or Deputy Emery Tenney	[redacted] home _____ office	_____ _____
or James Cote	[redacted] home _____ office	_____ _____

(2) Fire Services Officer
James Giatras
or
Deputy
Carol Kirby

[redacted] home _____
[redacted] office _____
[redacted] home _____
_____ office _____

(3) Transportation Officer
Everett Wilson
or
Deputy
John Slanga

[redacted] home _____
[redacted] office _____
[redacted] home _____
[redacted] office _____

(4) Deputy Coordinator
Glenn Deery

[redacted] home _____
[redacted] office _____

Have key staff report to EOC. _____ (time)

3. Verify that the following have been notified:

	Telephone	Time
a. Police Department	[redacted]	_____

b. Verification Message:

"This is (name/title). I would like to verify that you have been notified that a 'General Emergency' has been declared at the Limerick Generating Station. The recommended protective action is _____."

4. Report to and activate the local Emergency Operations Center.

a. Activated _____ (time)

b. County Municipal Liaison Officer notified of EOC activation [redacted] _____ (time)

c. Communications system checked for operability. _____ (time)

d. Establish EOC security. _____ (time)

e. Monitor EBS station WCAU 1210 AM, WCOJ 1420 AM, or WYIS 690 AM. _____ (time)

f. Ensure Route Alert Teams have been mobilized as necessary. _____ (time)

g. Log all messages which provide information or require action. Post pertinent data on school board.

h. Review fact sheet (Appendix A-1). _____ (time)

5. Ensure that all necessary emergency response personnel have reported to the EOC, where needed, or to pre-assigned location. _____ (time)

6. Verify that the following have been notified:

	Telephone	Time
a. School		
(1) East Vincent Elementary School Kenneth J. Swart	[redacted]ffice	_____
(2) St. Joseph's Kindergarten	[redacted]office	_____

b. Verification Message:

"This is (name/title) . I would like to verify that you have been notified that a 'General Emergency' has been declared at the Limerick Generating Station. The recommended protective action is _____."

7. Notify the following:

	Telephone	Time
a. Special Facilities		
(1) Vincent Heights	[redacted] office	_____
(2) Park Springs	_____ home	_____
	[redacted] office	_____
(3) Kimberton Farms Andrew Dill President	[redacted] home	_____
	[redacted] office	_____
(4) Grace Assembly Day Care Mrs. Nina Mason	[redacted]ome	_____
	_____ office	_____
(5) Orion Communities, Inc. Ulrich Babbel	[redacted] home	_____
(6) Hanrahan Day Care Center Cathleen Hanrahan	[redacted] home	_____
(7) Camp Innabah	[redacted]ffice	_____
(8) Camp Sankanac	[redacted] office	_____
(9) Spirit of Gheel	_____ office	_____
(10) Sunny Slope Dairies	[redacted] office	_____

b. Message:

"This is _____(name/title)_____. A 'General Emergency' has been declared at the Limerick Generating Station. The recommended protective action is _____."

Note: If a protective action has not yet been determined, instruct them to tune to the EBS station.

8. Verify Resource Availability:

Ensure appropriate EOC staff have reviewed their respective resource inventories and have reported deficiencies to their respective counterparts in the County EOC; for example, the Municipal Transportation Officer contacts County Transportation Officer. _____ (time)

9. Ensure Radiological Officer has distributed dosimeters/KI to emergency workers and EOC staff. _____ (time)

10. Review road conditions with EOC staff, i.e., there is no construction or other activity which would hinder movement of personnel or vehicles to/from the area. Ensure that the Transportation Officer and the County Public Works Officer [redacted] are aware of any problem areas.

_____ (time)

11. Ensure ARES operator contacts County ARES base upon arrival at the Municipal EOC. _____ (time)

12. If sheltering is recommended:

a. When the public alert system has been activated, notify hearing impaired. _____ (time)

b. Monitor EBS station to ensure proper instructions are being given to the general population. _____ (time)

c. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched. _____ (time)

13. If evacuation is ordered:

a. When the public alert system has been activated, notify hearing impaired. _____ (time)

b. Monitor EBS station to ensure proper instructions are being given to the general public. _____ (time)

c. In the event of a siren failure receive notification from the County that appropriate Route Alert Teams have been dispatched. _____ (time)

d. Ensure Traffic Control Points have been manned. _____ (time)

e. Assign sufficient emergency workers to Transportation Officer to support transportation resources, i.e., one emergency worker should be available for each vehicle used to evacuate those persons who do not have transportation. _____ (time)

f. Advise County Municipal Liaison Officer of any additional unmet needs [redacted] _____ (time)

(1) _____

(2) _____

(3) _____

g. Monitor evacuation process and report any problem areas to the County Muncipal Liaison Officer [redacted] _____ (time)

(1) _____

(2) _____

(3) _____

14. Maintain General Emergency status until:

a. Reduction of classification. _____ (time)

b. Termination of emergency. _____ (time)

c. EOC must be evacuated. _____ (time)

15. If reduction of classification or termination of emergency, notify/verify notification of the following:

a. Verification:

	Telephone	Time
(1) Police Department	[redacted]	_____
(2) School		
(a) East Vincent Elementary School Kenneth J. Swart	[redacted] office	_____
(b) St. Joseph's Kindergarten	[redacted] office	_____

(3) Verification Message:

"This is (name/title) . I would like to verify you have been notified that the emergency at the Limerick Generating Station has been terminated/reduced to _____."

b. Notification:

	Telephone	Time
(1) Elected Officials		
(a) Everett H. Wilson	[redacted] home [redacted] office	_____
(b) S. Horace Mowrer	[redacted] home [redacted] office	_____ _____
(c) James L. Giatras	[redacted] home _____ office	_____ _____
(2) Special Facilities		
(a) Vincent Heights	[redacted] office	_____
(b) Park Springs	home [redacted] office	_____ _____
(c) Kimberton Farms Andrew Dill President	[redacted] home [redacted] office	_____ _____
(d) Grace Assembly Day Care Mrs. Nina Mason	[redacted] office	_____
(e) Orion Communities, Inc. Ulrich Babbel	[redacted] home	_____
(f) Hanrahan Day Care Center Cathleen Hanrahan	[redacted] home	_____
(g) Camp Innabah	[redacted] office	_____
(h) Camp Sankanac	[redacted] office	_____
(i) Spirit of Gheel	_____ office	_____
(j) Sunny Slope Dairies	[redacted] office	_____

(3) Message:

"This is (name/title) . The emergency at the Limerick Generating Station has been terminated/reduced to _____." Provide instructions as appropriate.

16. If the EOC must be evacuated:

    a. If possible, wait until the municipality has been evacuated before leaving the EOC.

    b. Secure the facility and proceed to alternate EOC located at the Chester County Library. _____ (time)

    c. Notify Chester County Municipal Liaison Officer ([redacted]) upon your arrival at alternate EOC. _____ (time)

17. Remarks/Actions Taken:

FACT SHEET

Abbreviations:

ACP	Access Control Point
ARES	Amateur Radio Emergency Service
EBS	Emergency Broadcast System
EPA	Environmental Protection Agency
EPZ	Emergency Planning Zone
KI	Chemical symbol for potassium iodide
PAG	Protective Action Guide
RACES	Radio Amateur Civil Emergency Services
REACT	Radio Emergency Action Citizens Team
TCP	Traffic Control Point
TLD	Thermoluminescent Dosimeter

Evacuation Information:

Evacuation Route: Local roads to Route 113 South to Route 100 South

Reception Center: West Whiteland Township Building

Host School(s): Owen J. Roberts School District to Twin Valley High School

Decontamination Station: Lionville Fire Company

Transportation Staging Area: EOC

Homebound Support Hospital: Pocopson Home, West Chester

EBS Station: WCAU 1210 AM; WCOJ 1420 AM; WYIS 960 AM

Frequencies: 503.4375T 500.4375R

County Rumor Control: 431-6480

STATUS BOARD FORMAT

MESSAGE #	DATE	TIME	MESSAGE	ACTION/COMMENTS

ANNEX B

Implementing Procedure

Police Services*

Police Services Officer: Chief Richard Weiss
Alternate: Emery Tenney
James Cote

UNUSUAL EVENT

No response necessary unless police services are required at the Limerick Generating Station.

ALERT

The Police Services Officer shall:

1. Upon request of the Emergency Management Coordinator, report to the EOC. _____ (time)
2. Ensure that normal police functions are maintained.
3. Review remaining emergency procedures in the event of escalation.
4. Maintain Alert status until notified of termination, escalation or reduction of classification.
5. Remarks/Actions Taken:

Police Services

SITE EMERGENCY

The Police Services Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:

   a. Report to the EOC. _____ (time)

   b. Ensure normal police functions are maintained.

   c. Proceed to Step 2.

2. If escalation from Alert or if proceeding from Step 1, then:

   a. Mobilize, if necessary, additional police personnel (reference Appendix B-1) and equipment operators. Have them report to police station. Make assignments as necessary. _____ (time)

   b. Review personnel/equipment inventory (reference Appendix B-1), verify availability, and report unmet needs to County EOC, Police Services at [redacted]

   c. Ensure police and public works emergency workers have been issued dosimeters-KI. _____ (time)

   d. Monitor weather conditions. _____ (time)

   e. Review remaining emergency procedures in the event of escalation.

   f. Maintain Site Emergency status until notified of termination, reduction of classification or escalation. (NOTE: If a protective action is recommended at Site Emergency, accomplish the appropriate steps indicated in the General Emergency section).

3. If termination, have police personnel return dosimeters and unused KI to the Radiological Officer. _____ (time)

4. Remarks/Actions Taken:

Police Services

GENERAL EMERGENCY

The Police Services Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:

   a. Report to the EOC. _____ (time)

   b. Mobilize additional police personnel and equipment operators. Have them report to police station (reference Appendix B-1). Make assignments as necessary. _____ (time)

   c. Review personnel/equipment inventory (reference Appendix B-1), verify availability, and report unmet needs to County EOC, Police Services at [redacted] _____ (time)

   d. Ensure police and public works emergency workers have been issued dosimeters-KI. _____ (time)

   e. Proceed to Step 2.

2. If escalation from Alert or Site Emergency, or if proceeding from Step 1, then:

   a. If recommended protective action is sheltering,

      (1) If requested, have Police Department personnel assist Fire Department with route alerting (reference Fire Services Implementing Procedure). _____ (time)

      (2) Initiate increased security measures, i.e., increase vehicular patrols. _____ (time)

   b. If recommended protective action is evacuation,

      (1) Ensure Traffic Control Points are manned (reference Appendix B-2). _____ (time)

      (2) Ensure roadways are clear. _____ (time)

      (3) Upon completion of assignments, ensure police relocate to the Uwchlan Township Building. _____ (time)

      Note: Upon completion of emergency tasks during a contaminating incident, each emergency worker is to report to the decontamination station lcoated at the Lionville Fire Company.

(4) Relocate to alternate EOC after population has departed.

_____
(time)

3. If termination, have emergency workers return dosimeters and unused KI to the Radiological Officer. _____
(time)

4. Remarks/Actions Taken:

POLICE - EQUIPMENT OPERATORS - EMERGENCY RECALL ROSTER

Names and telephone numbers are on file in the EOC.

POLICE AND PUBLIC WORKS RESOURCE INVENTORY

2 vehicles

TRAFFIC CONTROL POINTS

Post Number	Location	Responsible Police Organization	# Officers Assigned
33	Route 23 & Bertolett School Rd.	PSP	2
34	Route 724 & New St.	PSP	2
East Vincent 1	Route 724 & Bridge St.	Township	1
East Vincent 2	Route 724 & Hill Church Rd.	Township	1
East Vincent 3	Route 724 & Stoney Run Rd.	Township	1
East Vincent 4	Pennhurst Rd. & Bridge St.	Township	1

ANNEX C

Implementing Procedure

Fire Services*

Fire Services Officer: James Giatras
Alternate: Carol Kirby

UNUSUAL EVENT

No response necessary unless Fire Services are requested at the Limerick Generating Station.

ALERT

The Fire Services Officer shall:

1. Upon request of Emergency Management Coordinator, report to the EOC.

   _____ (time)

2. Ensure that normal fire protection services are maintained.

3. Prepare Control TLD's for pick up by the County. _____ (time)

4. Inventory dosimeters/KI and prepare for distribution; complete a Receipt Form for Dosimetry-Survey Meters-KI (reference Appendix C-3). Report unmet needs to the County Radiological Officer at [redacted]

   _____ (time)

5. Review remaining emergency procedures in the event of escalation.

6. Maintain Alert status until notified of termination, escalation or reduction of classification.

7. Remarks/Actions Taken:

*Note: This procedure has been modified to include Radiological procedures.

Fire Services

SITE EMERGENCY

The Fire Services Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:

   a. Report to the EOC. _____ (time)

   b. Ensure normal fire protection services are maintained.

   c. Prepare Control TLD's for pick up by the County. _____ (time)

   d. Inventory dosimeters/KI and prepare for distribution; complete a Receipt Form for Dosimetry-Survey Meters-KI (reference Appendix C-3). Report unmet needs to the County Radiological Officer.

   _____ (time)

   e. Proceed to Step 2.

2. If escalation from Alert, or if proceeding from Step 1, then:

   a. Distribute dosimeters/KI to municipal emergency workers (reference Appendix C-2); obtain a signed receipt (reference Appendix C-4).

   _____ (time)

   b. Review remaining emergency procedures in the event of escalation.

   _____ (time)

   c. Maintain Site Emergency status until notified of escalation, termination or reduction of classification.

3. If termination, collect dosimeters, unused KI and forms from emergency workers and prepare for return to County. _____ (time)

4. Remarks/Actions Taken:

Fire Services

GENERAL EMERGENCY

The Fire Services Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:

   a. Report to the EOC. _____ (time)

   b. Prepare Control TLD's for pick up by the County. _____ (time)

   c. Inventory dosimeters/KI and prepare for distribution; complete a receipt Form for Dosimetry-Survey Meters-KI (reference Appendix C-3). Report unmet needs to the County Radiological Officer.

      _____ (time)

   d. Proceed to Step 2.

2. If escalation from Alert or Site Emergency, or if proceeding from Step 1, then:

   a. Monitor route alerting. _____ (time)

      Note: Upon completion of emergency tasks during a contaminating incident, each emergency worker is to report to the decontamination station located at the Lionville Fire Company.

   b. Relocate to alternate EOC. _____ (time)

3. If termination, collect dosimeters, unused KI and forms from emergency workers and prepare for return to County. _____ (time)

4. Remarks/Actions Taken:

ROUTE ALERTING TEAMS

I. GENERAL

A. The East Vincent Township is divided into 6 Sectors.

B. Each Sector is assigned a Route Alert Team (reference Attachment 1).

C. Two (2) persons should be assigned to each team.

II. PURPOSE

The purpose of route alerting is to supplement the public alert system in the event the system fails. It may also be used to alert the hearing impaired (reference Attachment 3)

III. PROCEDURES

A. When dispatched by the Chester County DES, commence route alerting in designated sectors (reference Attachment 2).

B. Route Alerting is accomplished by driving slowly along designated roads, periodically activating the vehicle siren and making the following announcement on the PA system or WCAU 1210 AM.

"There is an emergency at the Limerick Generating Station; please tune to your EBS station WCOJ 1420 AM."

C. Upon completion of route, notify the Chester County DES and return to station.

Note: If route alerting has taken place during a contaminating incident, proceed to the designated emergency worker/ decontamination station.

ROUTE ALERT TEAMS

Sector No. 63-A Alert Team: Liberty Fire Department

Leader: _____

Assistant: _____

Transient Location(s): None

Hearing Impaired: List is on file in the EOC.

Sector No. 63-D Alert Team: Liberty Fire Department

Leader: _____

Assistant: _____

Transient Location(s): None

Hearing Impaired: List is on file in the EOC.

Sector No. 62-A Alert Team: Ridge Fire Department

Leader: _____

Assistant: _____

Transient Location(s): Camp Sankanac, Camp Innabah, Spirit of Gheel

Hearing Impaired: List is on file in the EOC.

Sector No. 62-B Alert Team: Ridge Fire Department

Leader: _____

Assistant: _____

Transient Location(s): None

Hearing Impaired: List is on file in the EOC.

Sector No. 62-C Alert Team: Ridge Fire Department

Leader: _____

Assistant: _____

Transient Location(s): None

Hearing Impaired: List is on file in the EOC.

Sector No. 61-H Alert Team: Kimberton Fire Department

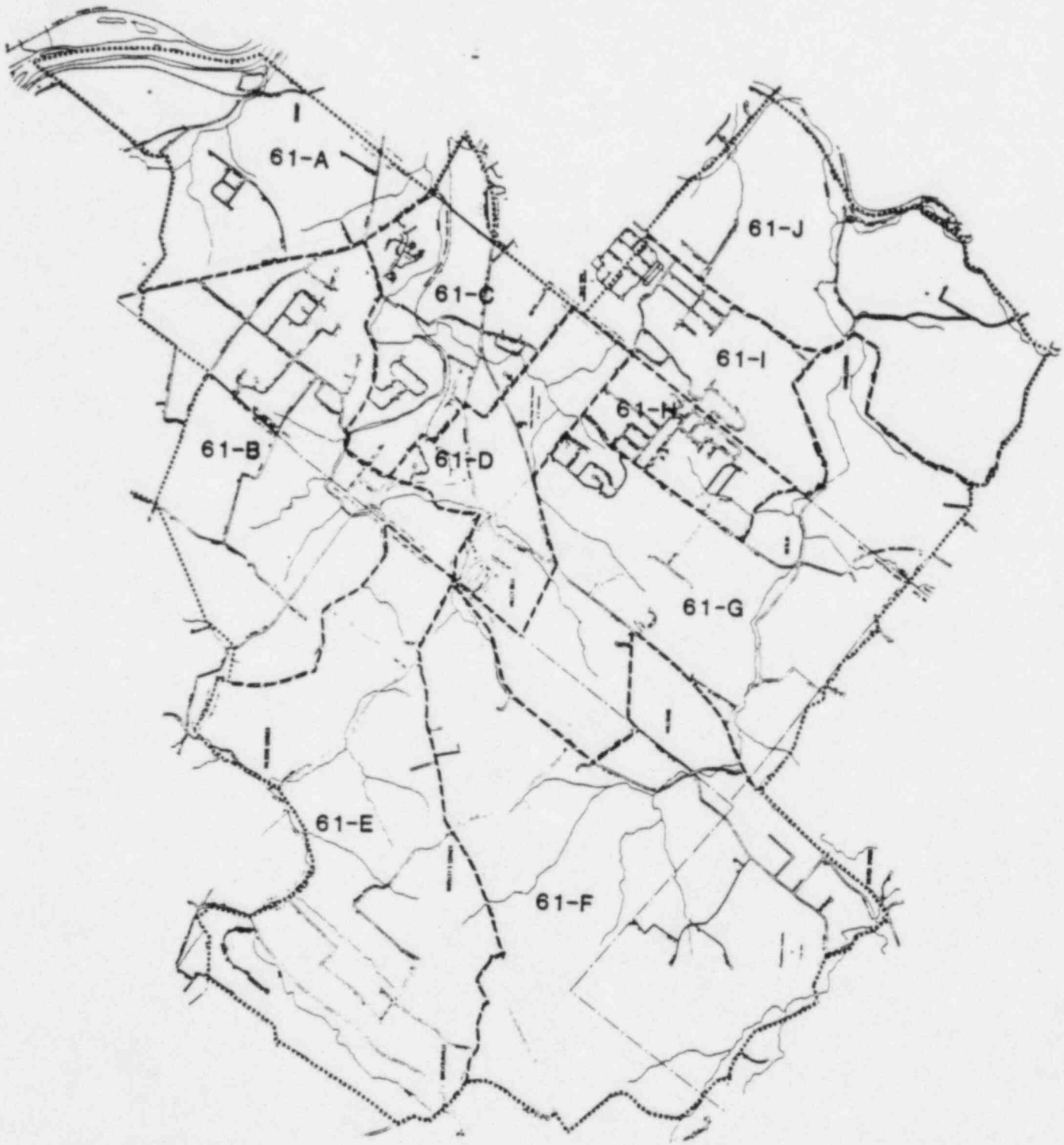
Leader: _____

Assistant: _____

Transient Location(s): None

Hearing Impaired: List is on file in the EOC.

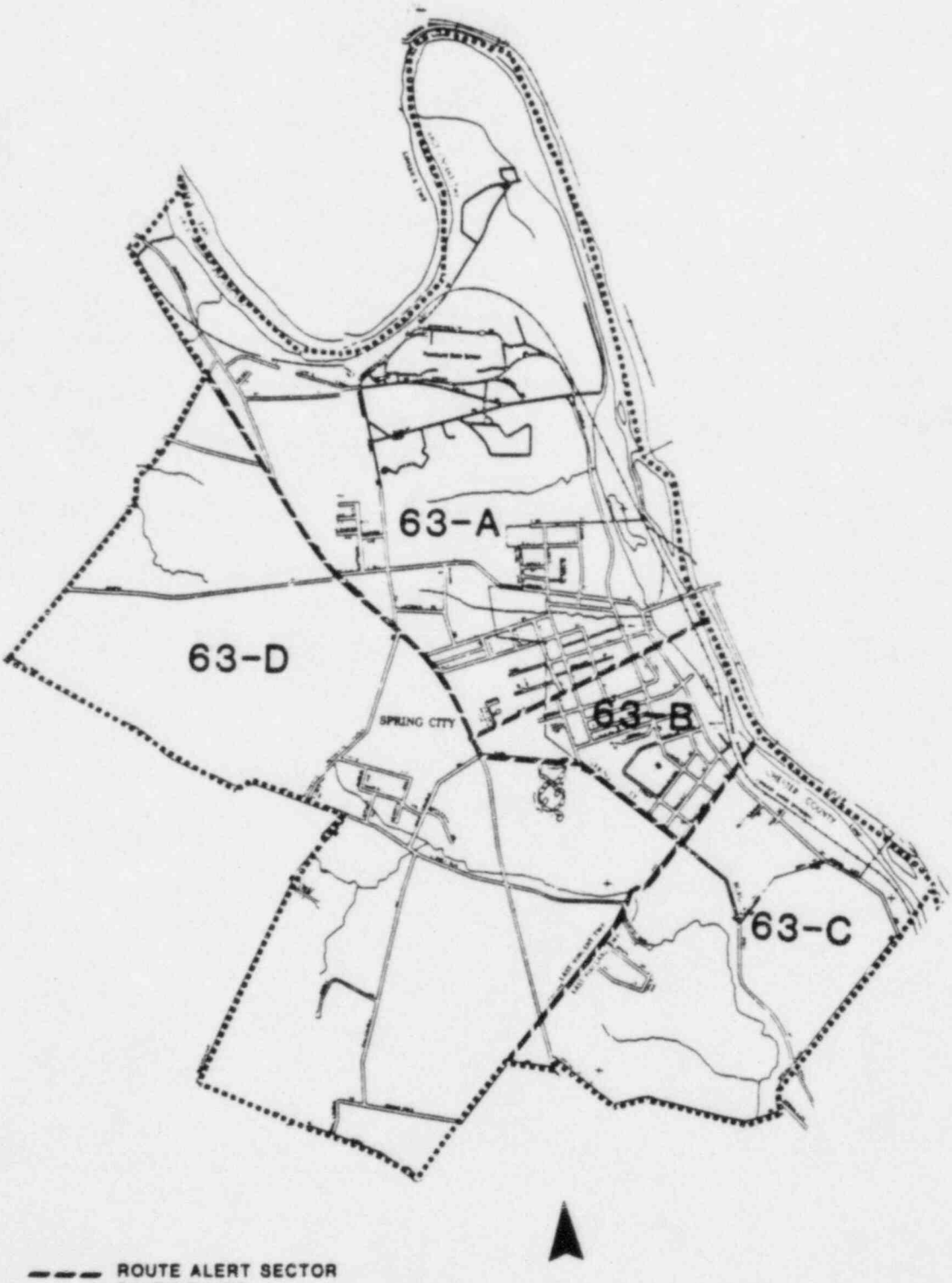
KIMBERTON FIRE COMPANY
ROUTE ALERT MAP



ROUTE ALERT SECTOR DIVIDING LINE

00-0 SECTOR NUMBER

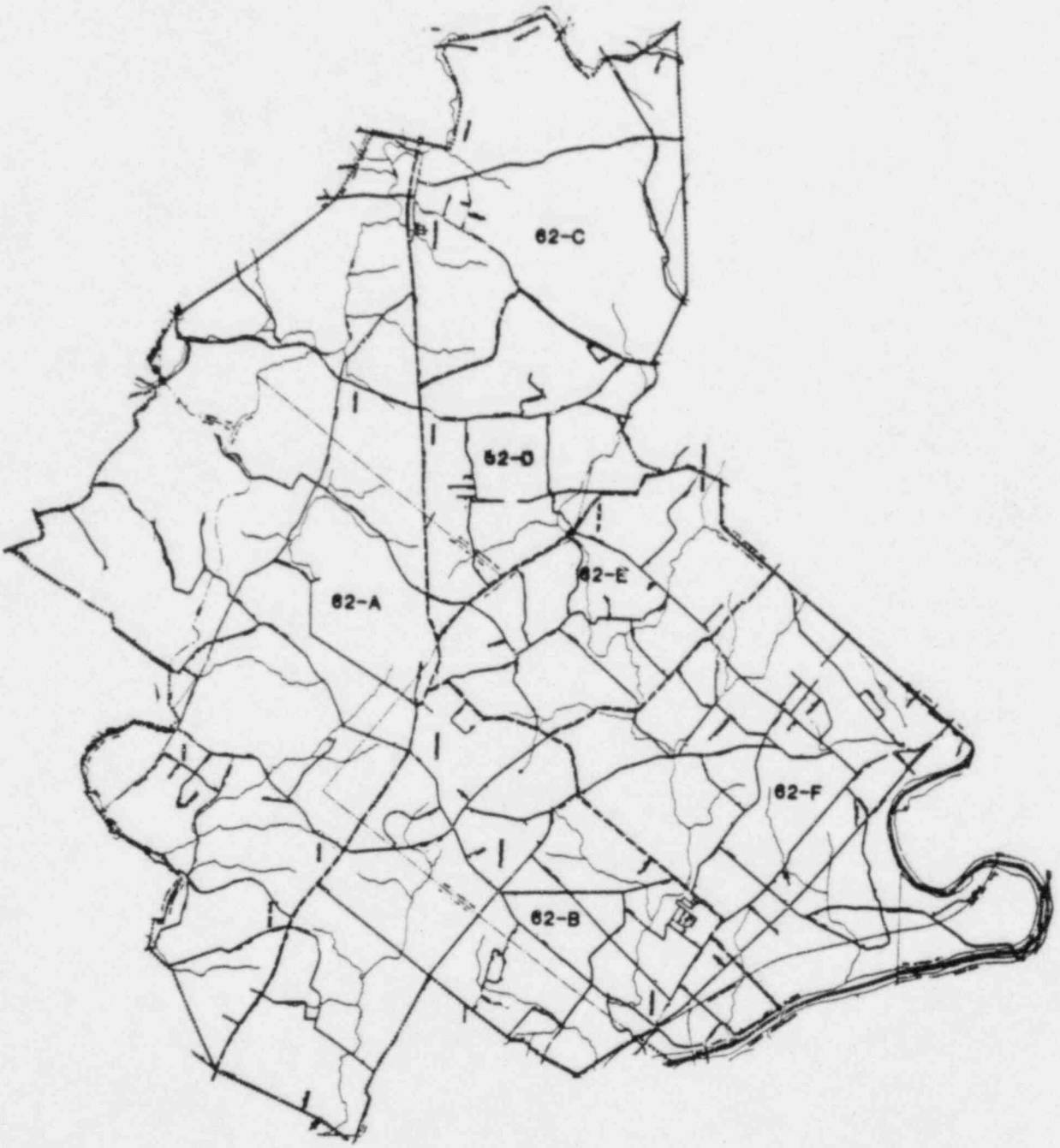
LIBERTY FIRE COMPANY
ROUTE ALERT MAP



ROUTE ALERT SECTOR DIVIDING LINE

00-0 SECTOR NUMBER

RIDGE FIRE COMPANY
ROUTE ALERT MAP



— — — ROUTE ALERT SECTOR DIVIDING LINE

00-0 SECTOR NUMBER

MESSAGE - HEARING IMPAIRED

There is an emergency at the Limerick Generating Station.

Please contact a relative, friend or neighbor so that you can receive important information being broadcast over the emergency broadcast system.

Please review your public information brochure for incidents at the Limerick Generating Station for additional important information.

If you do not have a relative, friend or neighbor nearby to assist you, please tell the individual who gave you this information immediately.

MUNICIPAL DOSIMETRY-KI LIST

	AGENCY	NUMBER OF EMERGENCY WORKERS
A.	Municipal Emergency Management Agency	
	Emergency Operations Center 55 Ridge Road Spring City, PA	10
B.	Police Department	
	East Vincent Township Police Department	4
C.	Public Works	10
D.	Pennhurst Center	20
	Total Units of Dosimetry-KI Required	44

PEMA-R-DSM

RECEIPT FORM FOR DOSIMETRY-SURVEY METERS-KI

ISSUED BY _____ ISSUED TO _____

ADDRESS _____ ADDRESS _____

RESPONSIBLE INDIVIDUAL _____

TELEPHONE _____

INSTRUCTIONS: During a nuclear power plant incident, use this form to maintain property control when distributing the items listed below to municipalities and decontamination monitoring teams. This form should be used for transfer of these items in bulk form from: (1) the county emergency management agency to risk municipalities and decontamination monitoring teams; and (2) the municipalities to their local emergency response organizations (such as fire, police, and ambulance associations).
NOTE: The form listed on item 11 below should be used when issuing dosimetry-KI to individual emergency workers.

LINE NUMBER	DESCRIPTION	QUANTITY
1.	CD V-742 Self-Reading Dosimeter (0-200R)	
2.	CD V-730 Self-Reading Dosimeter (0-20R)	
3.	DCA-622 Self-Reading Dosimeter (0-20R)	
4.	CD V-750 Dosimeter Charger	
5.	TLD (Thermoluminescent Dosimeter) Serial Numbers THROUGH	
6.	Potassium Iodide (KI) Tablets (Bottles of 14 Tablets Each)	
7.	CD V-700 Survey Meter	
8.	Dosimetry-KI Report Form	
9.	Decontamination Monitoring Report Form	
10.	Receipt Form for Dosimetry-Survey Meters-KI	
11.	Acknowledgement of Receipt by Emergency Workers for Dosimetry-KI and Survey Meters	

RECEIVED BY: _____ TITLE _____
(print name)

SIGNATURE: X _____ DATE _____

ISSUING AGENCY

ACKNOWLEDGMENT OF RECEIPT BY EMERGENCY WORKERS FOR DOSIMETRY-KI AND SURVEY METERS

NOTE: Emergency workers assigned to decontamination monitoring teams at decontamination monitoring stations or centers do **NOT** receive a CD V-730 or DCA 622 (see column 2). **ONLY** members of decontamination monitoring teams receive a CD V-700 survey meter (see column 6).

INSTRUCTIONS FOR DISTRIBUTION: Enter (1) or (0) in columns 2 and 6. Record the serial number of the DCA 622 in column 2 and the serial number of the TLD in column 3. By signing column 8, the individual accepts responsibility for each item indicated on the respective line and agrees to return these items (less the KI authorized to be used) upon request and automatically when the nuclear power plant incident is terminated.

INSTRUCTIONS FOR RETURN OF ITEMS DESCRIBED: [/] by the organization's responsible individual indicates return of each item.

DATE _____

NAME OF EMERGENCY ORGANIZATION _____

RESPONSIBLE INDIVIDUAL _____

ORGANIZATION ADDRESS _____

1		2		3		4		5		6		7	8
CD V-742 DOSIMETRY (0-200R)	/	CD V-730 or DCA 622 (0-20R) (Serial Number)	/	TLD (THERMO-LUMINESCENT DOSIMETER) (Serial Number)	/	KI (POTASSIUM IODIDE) (Tablets)	/	DOSIMETRY-KI REPORT FORM	/	CD V-700 SURVEY METER	/	INDIVIDUAL'S NAME (print legibly)	INDIVIDUAL'S SIGNATURE
1 each						1 bottle		1 each					
1 each						1 bottle		1 each					
1 each						1 bottle		1 each					
1 each						1 bottle		1 each					
1 each						1 bottle		1 each					
1 each						1 bottle		1 each					
1 each						1 bottle		1 each					
1 each						1 bottle		1 each					
1 each						1 bottle		1 each					
1 each						1 bottle		1 each					
1 each						1 bottle		1 each					
1 each						1 bottle		1 each					
1 each						1 bottle		1 each					
1 each						1 bottle		1 each					

ANNEX D

Implementing Procedure

Transportation*

Transportation Officer: Everett Wilson
Alternate: John Slanga

UNUSUAL EVENT

No response required.

ALERT

The Transportation Officer shall:

1. Upon request of the Emergency Management Coordinator, report to the EOC.

   _____ (time)

2. Update the list of those individuals who do not normally have transportation available 24-hours a day (reference Appendix D-1).

   _____ (time)

3. Update the list of those individuals requiring special assistance in the event of evacuation (reference Appendix D-2). _____ (time)

   a. Notify County Medical Coordinator ([redacted] of changes in requirements for those individuals requiring ambulance support.

      _____ (time)

   b. Notify County Transportation Coordinator [redacted] of changes in requirements for those individuals requiring special transportation support other than ambulance.

4. Review remaining procedures in the event of escalation.

5. Maintain Alert status until notified of termination, escalation or reduction of classification.

6. Remarks/Actions Taken:

*Note: This procedure has been modified to include Medical/Ambulance procedures.

SITE EMERGENCY

The Transportation Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:

   a. Report to the EOC. _____ (time)

   b. Update the list of those individuals who do not normally have transportation available 24-hours a day (reference Appendix D-1).

      _____ (time)

      (1) Notify the County Transportation Coordinator ([redacted]0) of any changes in requirements. _____ (time)

   c. Update the list of those individuals requiring special assistance in the event of evacuation (reference Appendix D-2). _____ (time)

      (1) Notify County Medical Coordinator ([redacted]of changes in requirements for those individuals requiring ambulance support.

      _____ (time)

      (2) Notify County Transportation Officer ([redacted] of changes in requirements for those individuals requesting special transportation support other than ambulance. _____ (time)

   d. Proceed to Step 2

2. If escalation from Alert or if proceeding from Step 1, then:

   a. Ensure that the Transportation Staging Area, which is located at the EOC, is accessible and available. _____ (time)

   b. Review remaining emergency procedures in the event of escalation.

      _____ (time)

   c. Maintain Site Emergency status until notified of termination, escalation or reduction of classification.

3. If termination, return dosimeters and unused KI to Radiological Officer.

   _____ (time)

4. Remarks/Actions Taken:

GENERAL EMERGENCY

The Transportation Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:

   a. Report to the EOC. _____ (time)

   b. Update the list of those individuals who do not normally have transportation available 24-hours a day (reference Appendix D-1).

      _____ (time)

      (1) Notify County Transportation Coordinator ([redacted]) of any changes in requirements. _____ (time)

   c. Update the list of those individuals requiring special assistance in the event of evacuation (reference Appendix D-2). _____ (time)

      (1) Notify County Medical Coordinator ([redacted] of changes in requirements for those individuals requiring ambulance support.

      _____ (time)

      (2) Notify County Transportation Coordinator [redacted] of changes in requirements for those individuals who require special transpor-tation support other than ambulance. _____ (time)

   d. Ensure that the Transportation Staging Area, which is located at the EOC, is accessible and available.

   e. Proceed to Step 2.

2. If escalation from Alert or Site Emergency, or if proceeding from Step 1, then:

   a. If recommended protective action is sheltering, no further action is required.

   b. If recommended protective action is evacuation, then:

      (1) Ensure population requiring ambulance transportation is served.

      (2) Add to Appendix D-1 the names and addresses of those indivi-duals who call in requesting transportation assistance. (Note: Multiple copies of this list may be necessary). _____ (time)

      (3) As transportation resource requirements, including those for special needs (vans, etc.), exceed availability (reference

Appendix D-2), notify the County Transportation Coordinator at 431-6160 of additional requirements. _____ (time)

(4) Inform the EMC of the number of vehicles that have been requested thru the County and request that an emergency worker be made available for assisting each vehicle. _____ (time)

c. Prepare a list of names and addresses of persons to be picked up for each vehicle including ambulances. _____ (time)

d. Upon the arrival of vehicles at the municipal transportation staging areas, ensure that an emergency worker is assigned to each vehicle. A list of names and addresses of persons to be picked-up should be provided for each vehicle along with instructions to return to the Municipal Staging Area where they will receive directions to the designated Reception Center and assigned Mass Care Center. Persons being evacuated by ambulance shall be evacuated to Pocopson Home, West Chester. Emergency workers need not accompany vehicles to reception facilities. _____ (time)

e. Relocate to alternate EOC after population has departed.

_____ (time)

3. If termination, return dosimeters and unused KI to Radiological Officer.

_____ (time)

4. Remarks/Actions Taken:

PERSONS REQUIRING TRANSPORTATION ASSISTANCE

List is on file in the EOC

RESIDENTS WITH SPECIAL TRANSPORTATION REQUIREMENTS

A. Residents Requiring Ambulance Support

List is on file in the EOC.

B. Residents With Other Special Requirements

List is on file in the EOC.

TRANSPORTATION RESOURCE REQUIREMENTS

Vehicles Required	Vehicles Available	Unmet Needs
Buses: 2	Buses: 0	Buses: 2
Ambulances: 3	Ambulances: 0	Ambulances: 3