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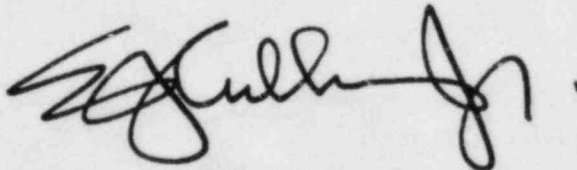
Ms. Phyllis Zitzer
Limerick Ecology Action
762 Queen Street
Pottstown, PA 19464

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

Dear Ms. Zitzer:

In accordance with the Board's Order of June 1, 1982, I am enclosing 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.

EJC, JR:pkc

Enclosures

8410160135 841010
PDR ADOCK 05000352
G PDR

DS03

cc: Judge Helen F. Hoyt	(w/o enclosure)
Judge Jerry Harbour	(w/o enclosure)
Judge Richard F. Cole	(w/o enclosure)
Judge Christine N. Kohl	(w/o enclosure)
Judge Gary J. Edles	(w/o enclosure)
Judge Reginald L. Gotchy	(w/o enclosure)
Troy B. Conner, Jr., Esq.	(w/enclosure)
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Mr. Robert L. Anthony	(w/o enclosure)
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Martha W. Bush, 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)
James Wiggins	(w/o enclosure)
Timothy R. S. Campbell	(w/o enclosure)

Service RELATED CORRESPONDENCE



ENERGY CONSULTANTS

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September 28, 1984

OFFICE OF SECRETARY
DOCKETING & SERVICE
BRANCH

Mrs. Patricia Carson
Twin Acres Country Day School
105 Cherry Avenue
Trappe, PA 19426

Dear Mrs. Carson:

Per our discussions, I am forwarding two copies of the Twin Acres Country Day School Radiological Emergency Response Plan for incidents at the Limerick Generating Station

As discussed, I have incorporated the changes and additions and have changed the documentation to Revision 0.

Upon your review, if all is to your satisfaction, please contact me and I will assist in the completion of the process.

Thank you for your time and assistance.

Sincerely,

Henry C. Tamanini
Henry C. Tamanini

HCT/dlt

Enclosure

cc: Montgomery County OEP

TWIN ACRES COUNTRY DAY SCHOOL
RADIOLOGICAL EMERGENCY RESPONSE PLAN
FOR INCIDENTS AT THE
LIMERICK GENERATING STATION

Twin Acres Country Day School
105 Cherry Avenue
Trappe, PA 19426

* 215/489-7918

September 1984

RECORD OF CHANGES

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

PROMULGATION

THIS PLAN IS ADOPTED AS THE TWIN ACRES COUNTRY DAY SCHOOL 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 THIS SCHOOL FOR RESPONSE TO AN INCIDENT AT THE LIMERICK GENERATING STATION.

ADOPTED THIS _____ DAY OF _____, 1984

ADMINISTRATOR

SECRETARY

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TWIN ACRES COUNTRY DAY SCHOOL
RADIOLOGICAL EMERGENCY RESPONSE PLAN

I. INTRODUCTION

A. Authority

The authority for the preparation of this plan is the Twin Acres Country Day School Administration and is within the scope of P.L. 1332, the Pennsylvania Emergency Management Services Act of 1978.

B. Purpose

This plan is presented to establish responsibilities, define a concept of operations, offer workable procedures for the protection of school students and provide for the direction and control of Twin Acres Country Day School facilities, staff, and students in the event of an incident at the Limerick Generating Station.

C. References

1. Pennsylvania Emergency Management Services Act of 1978, P.L. 1332.
2. Montgomery County Radiological Emergency Response Plan, Annex N, School Services.
3. Commonwealth of Pennsylvania, Disaster Operations Plan, Annex E, Fixed Nuclear Facility Incidents, Appendix 11, Schools and Colleges Emergency Plans, 1981.
4. School Emergency Planning Guide, Pennsylvania Department of Education, 1980.
5. 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.
6. Perkiomen Valley School District Radiological Emergency Response Plan November, 1983, as amended.

D. Definitions

1. Access Control Point (ACP) - Those points manned primarily by State or local police, augmented when necessary by the National Guard, established around all roads leading into an evacuated area, or an area where occupants are taking shelter, for the purpose of controlling access into the area.

2. Amateur Radio - Licensed volunteer radio amateur communications personnel affiliated with county emergency management organization. (Such organizations include Amateur Radio Emergency Service (ARES), Radio Amateur Civil Emergency Services (RACES), 4 Wheel Drive Clubs for Emergency Services, Civil Defense/Citizens Band, and Radio Emergency Action Teams (REACT).
3. Central Resource Receiving Point - A predesignated location outside the plume exposure pathway EPZ, suitable for the reception and distribution of supplies and equipment.
4. Emergency Broadcast System (EBS) Announcements - Official announcements made at the county level for the specific purpose of providing instructions or directions from the County Commissioners, or their designated official representative, to the permanent and transient residents of the county. Announcements are made over the legally designated EBS network. EBS announcements at the State level are made only when they are applicable statewide. Priorities for EBS announcements are specified in law; final priority to the Federal government, second priority to county governments, and third priority to state governments. Restriction on use of EBS announcements does not preclude appropriate use of newspapers, radio and television for public information statements.
5. Emergency Management - The judicious planning, assignment and coordination of all available resources in an integrated program of prevention, mitigation, preparedness, response and recovery for emergencies of any kind, whether from enemy attack, man-made or natural sources. (May be termed Emergency Preparedness.)
6. Emergency Operations Center (EOC) - A facility used by state, county or municipal governments from which to direct operations in the event of an emergency.
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: (1) whole body external exposure to gamma radiation from the plume and from deposited materials, and (2) 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. Host School/Facility - Predetermined schools/facilities outside the plume exposure pathway EPZ to which risk school students are evacuated, at which they remain under risk school officials' supervision, until they are picked up by their parents or legal guardians.
9. Incident - An event or condition at a nuclear facility which could result in impact on public health and safety. Four incident classifications have been identified to facilitate planning for a response to nuclear incidents. The classes (from least serious to most serious) are: Unusual Event, Alert, Site Emergency and General Emergency. Within each classification there are specific emergency responses necessary to ensure that public health and safety are protected. The four classifications are:
- a. Unusual Events - 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 EPZ protective action guideline exposure levels except near the facility 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 boundaries.
10. Main Evacuation Routes - Those roadways identified in state and risk county plans as the principal routes leading from the plume exposure pathway EPZ for use by vehicles in the event of an incident requiring evacuation. Traffic control points will be manned by the Pennsylvania State Police to expedite traffic movement.

11. Mass Care Center - Fixed facilities suitable for providing emergency lodging for victims of a disaster left temporarily homeless. Feeding may be done within a mass care center (in suitable dining facilities) or nearby.
12. Mobilize - The act of bringing a staff or agency to the strength required to accomplish its mission; including the prepositioning or movement of equipment or personnel.
13. Municipality - For the purposes of this plan, the terms "municipality" or "municipality government" are defined or referring, singularly or collectively, to cities boroughs, townships and incorporated towns within the Commonwealth of Pennsylvania.
14. Parent County - The county in which the nuclear facility is physically located.
15. Projected Dose - An estimate of the radiation dose which affected individuals could potentially receive if protective actions are not taken.
16. 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 within the EPZ to take advantage of the protection against radiation exposure afforded by remaining indoors, away from doors and windows, during and following the passage of the radioactive plume.
 - b. General Evacuation - The evacuation of the entire population within a specified geographic area. (EPZ)
 - c. Selective Evacuation - The evacuation of specific elements of the population, such as pregnant women, pre-school children or the infirm.
17. Public Information Statements - Public announcements made by PEMA or county official spokespersons via newspaper, radio or television to explain government actions being taken to protect the public in event of any public emergency. The purpose of the announcement is to provide accurate information, prevent panic and counteract misinformation and rumors. Reference to the emergency incident itself will be made only in the context of the reasons for governmental actions, and not to provide detailed information about it.
18. Radiological Emergency Response Plans (RERP) - Detailed response plans developed by the state and its agencies, county and municipal emergency management agencies, school districts, etc. in coordination with PEMA and the fixed nuclear facility.
19. Reception Center - A pre-designated site outside the plume exposure pathway EPZ through which evacuees will pass to obtain information and directions to mass care centers.

20. Risk County - A county located within the plume exposure pathway EPZ of a nuclear facility.
21. Risk School - A school building located partially or wholly within the plume exposure pathway EPZ of a fixed nuclear facility.
22. School Services Officer - An individual appointed by the County who ensures the coordination of risk school plans for protective response and coordinates the alert/notification and resource requirements of risk schools at the time of the emergency incident. This individual provides staff assistance to the County EUC and operates under the direction and control of the Montgomery County Office of Emergency Preparedness Director/Coordinator.
23. Standby Status - The term used to describe state of readiness. Standard operating procedures have been reviewed; materiel, 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.
24. 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.
25. Traffic Control Points (TCP) - Those points established at critical road intersections for the purpose of controlling or limiting traffic.
26. Transportation Providers - Owners/operators, district vehicles and drivers and/or contract transportation resources provided for both routine (bus) movement of students, and any special transportation resource provided during emergency conditions.
27. Unmet Needs - Capabilities and/or resources required to support emergency operations neither available nor provided for at the respective levels of government or by the District.

E. Objectives of the Plan

The plan is presented to:

1. Clarify lines of authority and establish responsibilities for the protection of affected school students and staff.
2. Ensure that planned actions are in consonance with Municipal, County and State RERP's.

3. Identify necessary resources and required personnel to assure protective actions can be implemented for the Twin Acres Country Day School population.
4. Provide the basis for orientation of school staff, students and parents/guardians regarding appropriate actions during fixed facility nuclear incidents.

II. BASIC PLAN

A. General

because a number of school facilities are found within the 10-mile plume exposure pathway EPZ of the Limerick Generating Station, all of which might be expected to implement their respective RERP's simultaneously, the safety of the school population can best be served through an emergency plan that is in consonance among all school facilities, as well as with the state and risk county plans. Accordingly, the Twin Acres Country Day School RERP has been developed in such a manner that it will function harmoniously with other plans.

This plan is designed to protect Twin Acres Country Day school students while attending any school function, including classroom and/or extracurricular activities, special events or any function sponsored by the School.

1. School is in session during regular classroom hours (semesters; summer sessions; evening classes); when the authorized school calendar applies; when students are involved in regular school sponsored activities/events; or when students occupy school facilities under school supervision.
2. School not in session refers to after hours activities during the time of the authorized school calendar (regular and summer school terms) including weekends. Special activities during vacation periods will be included if school facilities are occupied by individuals or groups not authorized/sponsored by the school.*
3. This plan does not apply during vacation periods or when all school facilities are closed for extended periods. During these periods the Administrator may be notified and decisions to extend closure/vacation may be coordinated with the Montgomery County Office of Emergency Preparedness and/or PEMA. Actions specified for "School Not in Session" will apply, as appropriate.
4. Students refer to individuals in grades Kindergarten (K) to Twelve (12), authorized pre-school program(s), or special education activities.

* A copy of the school calendar is attached (Attachment 8)

8. Direction and Coordination

1. The Administrator shall exercise all authority granted in accordance with the policies set forth by the Twin Acres Country Day School and the laws of the Commonwealth of Pennsylvania.
2. The Administrator is responsible for all school emergency plans and procedures assuring the safety of students and staff in the event of an incident at the Limerick Generating Station.
3. The Administrator coordinates with the Montgomery County Office of Emergency Preparedness for protective response to include the direction and control of evacuation and/or sheltering of students and staff and for the cancellation of school or special activities.
4. All students, school buildings, school equipment, staff and contracts will remain under the supervision and control of the Administrator. The Administrator's office will serve as the interfacing point in providing for administration, information/resource exchange and management of school services.
5. Building staff are responsible to the Administrator for school building emergency plans, the coordination of protective action within the school building, and for the safety of students and staff in the event of incident at the Limerick Generating Station.
6. Host school/facility services furnished by other school facilities shall be under the operational control of the supporting host school/facility.
7. Because of the multi-facility scope of a radiological emergency, the need for centralized coordination of emergency response personnel and resources becomes essential. For the purposes of this Plan, therefore, Montgomery County shall exercise responsibility for coordination and support.
8. The Montgomery County Radiological Emergency Response Plan to which this document shall be annexed shall govern implementation of the Twin Acres Country Day School RERP.
9. Coordination between the Counties involved shall be accomplished by the Pennsylvania Emergency Management Agency (PEMA) and be governed by the Commonwealth of Pennsylvania, Disaster Operations Plan, Annex E, Fixed Nuclear Facility Incidents.
10. In no case will students be dismissed to their own care or school closed early if protective action is imminent. School officials will remain responsible for student safety until parents/guardians can assume responsibility.

C. District Organization

An Organizational Chart for the Twin Acres Country Day School is included as Attachment 6.

D. Fixed Nuclear Facility Incident Situation

1. All incidents occurring at the Limerick Generating Station will be classified according to the four incident classifications: Unusual Event, Alert, Site Emergency, General Emergency.
2. A fixed nuclear facility incident could occur during school hours and result in the disruption of school services for an extended period of time.
3. County elected officials and school administration will initiate protective actions, requiring affected students and staff to either initiate sheltering actions or evacuate directly to designated host schools/facilities.

E. Alert/Notification System

1. Telecommunications Capability.

Montgomery County, Perkiomen Valley School District and the Twin Acres Country Day School will maintain an alert/notification procedure and a primary and backup telecommunications system to provide for alert/notification and information exchange during a fixed nuclear facility incident. The tele-communications system includes telephones located at the Perkiomen Valley School District Administrative Office and the School Administrator's Office. Control is from the Montgomery County EOC. R-CEIS backs up this system.

2. Notification of Twin Acres Country Day School.

In the event of an incident at the Limerick Generating Station, the Administrator will be notified by the Perkiomen Valley School District or the agreed upon designate the Montgomery County OEP.

The Administrator will notify appropriate school staff as outlined within the "Concepts of Operation."

3. Public Notification

- a. In the event of a General Emergency, the public will be alerted through the public alert system as activated by Montgomery County. The public alert system consists of a siren system within the EPZ.
- b. Following public alert system activation, detailed instructions for protective actions will be made through the Emergency Broadcast System (EBS). A school evacuation EBS message has been prepared (reference Attachment 5).

4. Notification of Parents/Legal Guardians

- a. Parents/legal guardians will be notified of school closing/reopening utilizing the normal school/media procedures ~~unless preempted~~ by public alert/notification procedures and/or an EBS announcement.
- b. Informational material regarding plans for the protection of school students in the event of an incident at the Limerick Generating Station, descriptive of school closure, evacuation procedures and appropriate parent/guardian response has been developed for distribution to parents/guardians as a cooperative effort of the Montgomery County Office of Emergency Preparedness, Twin Acres Country Day School and PEMA.

F. School Closing/Cancellation of Events/Early Dismissal

1. If an evacuation of the EPZ becomes imminent while school is not in session, a decision will be made to close school or keep school closed. The decision will be made based on a recommendation made by PEMA, and received from the Montgomery County OEP. Parents/guardians and staff will be notified utilizing regular School procedures for school closing announcements. Note: Consideration for the closing of school may be made at Site and General Emergency.
2. School special activities, extracurricular events, sport contests, competitions, club meetings, class trips, etc. scheduled to be held in the EPZ will be cancelled/terminated during Alert, Site Emergency, and General Emergency and resumed only at the termination of incident classification or reduction to Unusual Event.
3. Schools in session will not send children home early should an evacuation appear imminent or be in progress. Regular dismissal policy/transportation routes will be in effect unless preempted by a protective action advisory from the Montgomery County OEP.

G. Evacuation Concepts

1. Protective Action Option

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.

2. Authorization and Control

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

- b. Elected county or municipal officials in authority may recommend an evacuation for their respective jurisdictions.
- c. PEMA has the primary responsibility for directing and controlling a protective action order made by the Governor.
- d. A decision to evacuate risk municipalities (including schools) will be made by PEMA and the decision will be announced through Montgomery County Office of Emergency Preparedness channels to school officials. Municipal EMA Coordinators will confirm the notification of school building officials in their jurisdiction.
- e. The Twin Acres County Day School Administrator has the authority to close schools at her discretion. During an incident at the Limerick Generating Station the Montgomery County Office of Emergency Preparedness must be kept informed of decisions to close school; as the County will coordinate school closings among all schools and dispatch/ provide needed transportation.

3. Logistics of Protective Action

- a. If school evacuation is required, students located within the EPZ will be bussed directly to host school facilities, to await pick-up by parent or guardian.
- b. Transportation to host school facilities will be provided for all public, parochial and private school students. Students will not be expected to utilize personal vehicles during evacuation. Twin Acres Country Day School policy for the use of private vehicles will apply.
- c. Sufficient transportation will be provided to move all students inside the EPZ at one time. Transportation resources will be provided giving priority to schools nearest the Limerick Generating Station. Students will be moved to host school facilities as soon as transportation resources are available after evacuation is ordered.
- d. School faculty/staff will accompany evacuated students to designated host school facilities in the buses or in their private vehicles, as available, and remain with students until they are picked up by parents/legal guardians in accordance with Twin Acres Country Day School policy for student pick-up.
- e. Students may be picked up by parent, legal guardian or designate as authorized in writing (Reference Attachment 4) in accordance with School policy.
- f. Should student pick-up extend beyond 8 p.m., remaining students may be bussed to a pre-designated location (i.e., mass care center) to be fed, properly housed and await pick-

up. A notice will be posted at the host school facility to direct parents/guardians to the appropriate locations, should any movement occur. (Note: The Administrator may choose to have students remain at the host school/facility, providing food, etc., and plans will reflect this decision.)

4. Protective Action Support

- a. State, county and municipal RERP's offer detailed plans to provide for evacuation routes, traffic control points manned by police, roadway clearance, access control points, security, and emergency fuel supply to facilitate school evacuation.
- b. Specific agreements has been developed with Lansdale Christian Academy to act as a host school facility.
- c. Specific material has been developed to provide parents/guardians a detailed description of school evacuation procedures/host school/facility locations. (reference Attachment 4)

5. Evacuation Transportation Resources

- a. Parkiomen Valley School District/County transportation vehicles (buses, vans, etc.) are provided for priority use by the Twin Acres Country Day School to transport students/staff to the host school facility. Assignment of vehicles is detailed in Attachments 2 and 3.
- b. Additional vehicle resources, as required will be planned for and provided through Montgomery County, as needed.
- c. Sufficient transportation resources have been provided to move all students requiring evacuation at one time.
- d. Upon completion of school evacuation assignments, vehicles utilized will be provided to Montgomery County UEP for mutual aid assignment during evacuation.
- e. Vehicles will be assigned for recall, as appropriate, to bus students from host schools to designated locations (at 8 p.m.) for feeding and sheltering, as provided for in this plan. (reference Attachment 3) (Note: A school may choose to have students remain at the host/school/facility, providing food, etc., and plans will reflect this.)

H. Continuity of School Administration

1. In the event of a general evacuation, the Twin Acres Country Day School shall transact required business at an alternate administrative office outside the EPZ, located at Lansdale Christian Academy

2. School staff will notify the Administrator of their evacuation location and provide a means for 24 hour per day contact.
3. The Administrator will notify the Montgomery County UEP School Services Officer of his evacuation location, when not at the alternate administrative office.
4. The Administrator shall assure uninterrupted coverage of the School administrative functions defined herein, including:
 - a. The designation and training of two (2) alternates to function in his absence.
 - b. Assisting school staff in the designation and training of two (2) alternates to function in their absence, as appropriate to assignments specified in this plan.
 - c. Maintenance of rosters including methods of contact, telephone numbers, etc. are provided in Attachments 1 and 2.

I. Reentry and Recovery

1. Reentry may be authorized by the Governor upon determination by the PA Bureau of Radiation Protection (BRP) that it is safe to do so.
2. Montgomery County will notify the Administrator in advance of any reentry operations and coordinate the return of evacuees to the evacuated area.
3. The Administrator and appropriate school staff, or their designated representatives, shall:
 - a. Return and inspect the school buildings/campus/facilities.
 - b. Reestablish basic services.
 - c. Report damage caused during the incident, as well as costs of support operations.
 - d. Provide for necessary repair/resupply.
4. The Administrator shall determine the date to reopen the school, notifying the Montgomery County UEP Director/Coordinator, who will coordinate with other schools, districts and PEMA.
5. Parents/guardians and students will be notified of the date of reopening utilizing normal School procedures for such announcements. Announcements will also be published in all appropriate newspapers, as practical.

J. Mutual Aid/Requests for Assistance

1. The Administrator, assisted by the Montgomery County Office of Emergency Preparedness, is responsible for establishing mutual

aid agreements with other agencies deemed necessary to assist the School in implementing its Radiological Emergency Response Plan (RERP). Written agreements, as required, are attached to this document (reference Attachment 7).

2. Prior to and during an incident, school staff are responsible to determine unmet needs for the school building and notify the Administrator of resource requirements. The Administrator will report unmet needs to the Montgomery County OEP (School Services Officer). Provision of unmet needs will be coordinated by the Montgomery County OEP.

K. Responsibilities

1. Administrator:

- a. Exercise authority for RERP planning protective action.
- b. Provide an alternate location for school administration in the event of evacuation and assure uninterrupted coverage.
- c. Ensure that emergency actions planned or implemented are in conformance with the Montgomery County RERP.
- d. Ensure that communications systems (radio and/or telephone) necessary for the successful implementation of this plan are available or will be provided through Montgomery County.
- e. Develop and maintain any necessary Mutual Aid Agreements.
- f. Inform the Montgomery County OEP of any unmet needs.
- g. Maintain expense records of personnel and resource utilization resulting from Plan implementation.
- h. Upon reentry or reopening, ascertain all resources needed to return the school to normal, and report them to the County OEP.
- i. Provide training for all school personnel utilized in the implementation of the Plan.

2. School Staff

- a. School staff are responsible to the Administrator to prepare and update individual school facility/department emergency (disaster) plans and to execute appropriate procedures specified in this RERP.
- b. Determine unmet needs and inform the Administrator.
- c. Upon reentry or reopening, assist the Administrator to ascertain all resources needed to return the school to normal.

III. TRAINING/DRILLS/EXERCISES

- A. The Administrator, advised by the Montgomery County Office of Emergency Preparedness, is responsible for providing for radiological emergency response training to Twin Acres Country Day School staff and faculty.
- B. All drills and exercises related to the Limerick Generating Station will be coordinated through the Montgomery County OEP.

IV. PLAN MAINTENANCE AND DISTRIBUTION

A. Plan Maintenance

1. The Administrator is responsible for ensuring that the RERP is current, including developing and distributing all changes, as well as accomplishing an annual review.
2. All changes to the RERP shall be: 1) coordinated through the Montgomery County Office of Emergency Preparedness and, 2) provided to appropriate school staff.
3. All changes to the RERP which involve policy shall be approved by the Administrator after coordination with appropriate staff.
4. The change number and current date shall be placed on any page that is changed and all changes shall be recorded on the "Record of Changes" page (page i).

B. Plan Distribution

1. Administrator (2 copies)
2. Montgomery County OEP Director/Coordinator (2 copies)
3. PEMA (1 copy through County EMA)
4. Perkiomen Valley School District (2 copies)
5. building/facility staff (2 copies)
6. (Municipal) EMA Coordinator (1 copy)
7. (local) police departments (1 copy through municipality)
8. Lansdale Christian Academy; Host School/facility (1 copy)

TOTAL DISTRIBUTION: 10 copies.

V. CONCEPT OF OPERATIONS - SCHOOL IN SESSION

A. Unusual Event (School in Session)

No actions required and Twin Acres Country Day School is not notified of an Unusual Event.

B. Alert (School in Session)

1. Twin Acres Country Day School Administrator will, upon notification by Perkiomen Valley School District or the agreed upon designate the Montgomery County OEP:

— a. Assure immediate update of affected student attendance and class rosters.

— b. Notify appropriate staff/student monitors, including:

- | | |
|-------------------|------------------------|
| (1) Mira Rose | (5) Mamie Rose |
| (2) Theresa Burns | (6) Chris McCrea |
| (3) Karen Mainart | (7) Mr. Edward Carson |
| (4) Dorothy Borst | (8) Mrs. Edward Carson |

— c. Update rosters periodically, having appropriate staff report affected student attendance three (3) times each day (0900, 1200, 1500); report significant changes in attendance to Montgomery County OEP (Tel: XXXXXXXXXX)

— d. Cancel special activities including:

- (1) Special activities.
- (2) Extracurricular events.
- (3) Intranural/interscholastic sporting events.
- (4) Competitions.
- (5) Club meetings.
- (6) Class trips.
- (7) After school activities.

— e. Assure preparation of the facility for sheltering, coordinating with school maintenance/security personnel:

- (1) Fuel and test support systems.
- (2) Secure entrances/exits/windows.

- (3) Review food service capabilities.
- (4) Instruct staff to prepare shelter activities/equipment.
- (5) Report unmet needs to the Montgomery County JEP (Tel: [REDACTED])
- ___ f. Notify school transportation coordinator, as appropriate, and request staff to:
 - (1) Fuel and maintain personal vehicles.
 - (2) Report unserviceable vehicles to the Transportation Coordinator.
- ___ g. Inventory special affected student medical supplies/needs.
- ___ h. Review situation and RERP procedures with appropriate staff.
- ___ i. Determine emergency staffing patterns.
- ___ j. Receive confirmation of Alert from EMA (Municipal) Coordinator.

C. Site Emergency (School in Session)

- 1. Twin Acres Country Day School Administrator will, upon notification by the Perkiomen Valley School District or the agreed upon designate the Montgomery County JEP:
 - ___ a. Complete all procedures outlined for Alert.
 - ___ b. Report to the School administrative office.
 - ___ c. Confirm resources necessary for sheltering, reporting unmet needs and attendance changes to Montgomery County JEP (coordinate with maintenance/security and food service personnel); securing additional drinks/snacks/supplies for an 8 p.m. schedule.
 - ___ d. Further notify school transportation coordinator to assure preparation of personal vehicles for evacuation.
 - ___ e. Assure distribution of authorization for student pick-up forms and supplies.
 - ___ f. Confirm host school building locations/evacuation routes (as provided by Montgomery County JEP) with appropriate staff.
 - ___ g. Initiate emergency staffing and excuse/dismiss staff, as appropriate.
 - ___ h. Receive confirmation of Site Emergency from the Trappe EMA Coordinator.

U. General Emergency (School in Session)

1. Twin Acres Country Day School Administrator will, upon receipt of notification from the Perkiomen Valley School District or the agreed upon designate the Montgomery County OEP:

- ___ a. Complete all procedures outlined for Alert and Site Emergency.
- ___ b. Order school transportation coordinator/school staff to mobilize personal vehicles for completion of preplanned assignments.
- ___ c. Confirm mobilization/positioning of buses/evacuation vehicles and assignment of RACES mobile units provided by Montgomery County, reporting unmet transportation needs, with attendance changes, received from school staff, to Montgomery County OEP (Tel: [REDACTED]).
- ___ d. Monitor EBS announcements.
- ___ e. Establish designated temporary School administrative headquarters, located at Lansdale Christian Academy.
- ___ f. Immediately suspend any non-classroom special activities in the EPZ, not previously cancelled and recall students to campus or to a designated location outside the EPZ, as directed by the Montgomery County Office of Emergency Preparedness.
- ___ g. Receive confirmation of General Emergency from Trappe EMA Coordinator.
- ___ h. Provide protective action recommendations to school staff, as appropriate.
- 1. UPON RECOMMENDATION TO SHELTER:
 - ___ (1) Notify all school faculty and staff.
 - ___ (2) Ensure that all outside activities are terminated and all personnel moved to predesignated shelter areas.
 - ___ (3) Direct maintenance/security staff or assigned individuals to:
 - (a) Shut down heating/ventilation/air conditioning systems.
 - (b) Ensure closing/locking of all exterior doors/windows.
 - (c) Move students to areas of the facility providing the most shelter from outside environment, as

appropriate. Note: Have students place dampened clothes over nose and mouth, as directed by Montgomery County UEP.

- _____ (4) Direct food service/support personnel to:
 - (a) Provide drinks and snacks in delayed dismissal areas.
 - (b) Assemble food/snacks for an 8 p.m. schedule.
- _____ (5) Direct administrative personnel to:
 - (a) Secure all personnel records and student files as for weekend departure.
 - (b) Take attendance records to delayed dismissal areas.
 - (c) Take attendance authorization for pick-up records to delayed dismissal areas.
- _____ (6) Direct teachers and classroom/student monitors to:
 - (a) Close all windows in classroom.
 - (b) Maintain discipline/order.
 - (c) Verify classroom attendance, prepare attendance sheet for shelter area.
 - (d) Check non-shelter areas for students.
 - (e) Secure required materials for predetermined shelter area activities and take to shelter areas.
- _____ (7) Secure student health records and assemble required health supplies in shelter area.
- _____ (8) Determine status of unmet transportation resources and inventory buses available and notify Montgomery County UEP of unmet needs.
- _____ (9) Assure administrative staff and maintenance personnel prepare school as they would for a regular weekend; closing all windows, locking doors, locking files and closing outside ducts or air intakes.
- _____ (10) Do not dismiss students into the EPZ.
- _____ (11) Cooperate with the Montgomery County UEP, and Red Cross to establish a care center at the school, should the delayed dismissal advisory require delaying dismissal beyond 8 p.m.

- ___ (12) Upon receipt of suspension of shelter advisory, prepare students for delayed dismissal schedule--as during a normal school day.

J. UPON RECOMMENDATION TO EVACUATE:

- ___ (1) If not sheltered, assure updated attendance.
- ___ (2) If in sheltering, students are to be reunited with their assigned faculty member/student monitor and attendance updated.
- ___ (3) Direct non-cancelled special activities be immediately terminated and student attendance taken and records completed.
- ___ (4) Confirm positioning of buses/evacuation vehicles and assignment of RACES mobile unit provided through Montgomery County and report unmet transportation needs, received from facility staff, to Montgomery County JEP (Tel: [REDACTED]).
- ___ (b) Initiate orderly movement of students to transportation vehicles and monitor loading and seating of students/staff.
- ___ (c) Provide drivers with maps to host school facility, as required.
- ___ (7) Assure any drivers accompanying students to special events (within EPZ or outside EPZ) receive directions to host school facility, as appropriate.
- ___ (d) Assign staff to accompany students in each transportation vehicle.
- ___ (9) Direct unassigned staff to accompany buses in their private vehicles.
- ___ (10) Provide staff with appropriate attendance records and assure recording of students in each vehicle.
- ___ (11) Supervise vehicle movement to host school facility, notifying Montgomery County EUC (via telecommunications) of progress/problems (Tel: [REDACTED]).
- ___ (12) Upon disembarking in an orderly fashion, verify student attendance and provide attendance records to appropriate staff.
- ___ (13) Assign school staff to remain with students at host school facility until all students in staff's charge are picked up by parent/guardian, until relieved by other staff, or instructed to leave.

- ____ (14) Provide staff authorization for pick-up records and direct that completed lists/records be returned.
- ____ (15) Report status of student pick-up to Montgomery County UEP every one (1) hour (Tel: [REDACTED])
- ____ (16) After 8 p.m., if students remain to be picked up by their parents or legal guardians and an order has been received from the Montgomery County UEP; assign staff and accompany remaining students to designated location, (i.e., mass care center).
 - (a) Initiate orderly movement of students to transportation vehicles.
 - (b) Assure securing of host school facility.
 - (c) Notify Montgomery County UEP of closing of host school facility (Tel: [REDACTED])
 - (d) Post notice of ~~evacuation~~ of host school facility.
- ____ (17) Upon arriving at designated location (mass care center) and disembarking in an orderly fashion, verify student attendance and provide attendance records to mass care center personnel.
- ____ (18) Assure that staff remain with students at the mass care center until all students in staff's charge are picked up by parent/guardian, until relieved by other staff, instructed to leave, or assigned to other duty.
- ____ (19) Report completion of student pick-up to Montgomery County UEP and arrange to provide Montgomery County UEP pick-up/attendance records (Tel: [REDACTED])
- ____ (20) Excuse remaining staff and provide Montgomery County UEP a means of future contact - for receipt of reentry orders - or direct inquiries, etc. to temporary school administrative headquarters, located at Lansdale Christian Academy. (Tel: [REDACTED])

E. Recovery/Reoccupation/Reopening of Schools (School in Session)

1. Montgomery County School Services Officer will ~~notify~~ the Administrator of the decision to reoccupy the evacuated area or reopen school.
2. The Administrator will direct that buildings/facilities be inspected for reoccupation by appropriate staff and deficiencies be reported to the Administrator.
3. The Administrator will report unmet needs to the Montgomery County UEP School Services Officer, coordinate necessary repair/

resupply and keep accurate records of costs incurred. (Tel: 631-1846).

4. The Administrator will, based on information received from FEMA through Montgomery County OEP, decide to ~~reopen the~~ School and communicate this decision to appropriate staff.
5. Parents/faculty/staff, etc., will be notified of the decision to reopen school using normal media/information procedures, supplementing appropriate EBS announcements. Announcements will be published in appropriate newspapers.
6. The Administrator will monitor daily attendance at reopened schools until attendance returns to pre-incident levels, providing summary attendance reports to the Montgomery County OEP (Tel:).

VI. CONCEPT OF OPERATIONS - SCHOOL NOT IN SESSION

A. Unusual Event (School not in Session)

No actions required and alert/notification of Twin Acres Country Day School is not expected.

B. Alert (School not in Session)

1. Twin Acres Country Day School Administrator will, upon receipt of notification from the Perkiomen Valley School District or the agreed upon designate the Montgomery County JEP:

_____ a. Cancel/terminate special activities, including:

- (1) ~~Special~~ activities
- (2) Extracurricular events
- (3) Intramural/interscholastic sporting events
- (4) Competitions
- (5) Club meetings
- (6) Class trips

_____ b. Notify and review RERP procedures with appropriate staff.

_____ c. Receive confirmation of Alert from Trappe EMA Coordinator.

_____ d. Notify any groups or individuals occupying the school facility, requesting that all non-school staff vacate the facility.

C. Site Emergency (School not in Session)

1. A recommendation to keep schools closed will be made by PEMA and through Montgomery County JEP. Target times for the recommendation are 11 p.m. and/or 6 a.m.

2. The Administrator will, upon receipt of notification from Montgomery County JEP:

_____ a. Implement the recommendation to close or keep school closed notifying parents/guardians and utilizing normal school procedures.

_____ b. Notify appropriate staff and faculty of the decision to close school or keep school closed, and brief them of the situation.

_____ c. Complete all procedures outlined for Alert.


- _____ d. Provide the Montgomery County OEP his personal location and means of contact and assure that the school building facility is secured and vacated; immediately cancelling any activities.
- _____ e. Receive confirmation of Site Emergency from Trappe EMA Coordinator.

D. General Emergency (School not in Session)

1. A decision to keep schools closed will be made by the Governor, PEMA or the County and be provided to the Administrator through Montgomery County OEP. Target times for the decision are 11 p.m. and/or 6 a.m.
2. The Administrator will, upon receipt of notification from Perkiomen Valley School District or the agreed upon designate the Montgomery County OEP:
 - _____ a. Complete all procedures outlined for Alert and Site Emergency.
 - _____ b. Establish designated temporary school administrative headquarters, located at Lansdale Christian Academy.
 - _____ c. Monitor EBS announcements. (KYW 1060 AM)
 - _____ d. Assure notification of faculty/staff and drivers accompanying students to special events (inside/outside the EPZ) to terminate activity and provide instructions/routes to a mass care center, should evacuation be ordered, or to a designated location outside the EPZ should sheltering be in effect.
 - _____ e. Receive confirmation of General Emergency from Trappe EMA Coordinator.

E. Recovery/Reoccupation/Reopening of School (School not in session)

1. Montgomery County School Services Officer will notify the Administrator of the decision to reoccupy the evacuated area or reopen school.
2. The Administrator will direct that buildings/facilities be inspected for reoccupation by appropriate staff and deficiencies be reported to the Administrator.
3. The Administrator will report unmet needs to the Montgomery County OEP School Services Officer, coordinate necessary repair/resupply and keep accurate records of costs incurred (Tel: 631-1846).
4. The Administrator will, based on information received from PEMA through Montgomery County OEP, decide to reopen the School and communicate this decision to appropriate staff.

5. Parents/faculty/staff, etc., will be notified of the decision to reopen school using normal media/information procedures, supplementing appropriate EBS announcements. Announcements will be published in appropriate newspapers.
6. The Administrator will monitor daily attendance until attendance returns to pre-incident levels, providing summary attendance reports to the Montgomery County OEP (Tel: )

VII. SCHOOL PROFILE

- A. A profile of the Twin Acres Country Day School is shown in Attachment 1 "School Profile Form" and Attachment 2 "School Building/Facility Profile Form."
- B. All completed forms and will be reviewed for School use and updated semi-annually, within twenty-five days of the beginning of each school term.
- C. Copies of all completed forms are filed by the Administrator for retention and School use.
- D. Duplicates of all Profile Forms are filed with:
 1. Perkiomen Valley School District
Dr. William D. Westcott
District Superintendent
Schwenksville, PA 19473
 2. Perkiomen Valley School District Transportation Department
Mr. Donald Dillon
Perkiomen Valley School District
Schwenksville, PA 19473
 3. Montgomery County Office of Emergency Preparedness
A. Lindley Bigelow, Director
100 Wilson Blvd.
Eagleville, PA 19406
 4. Montgomery County Intermediate Unit #23
Dr. Laureen Stoud
Legislative Liaison
Montgomery Avenue and Paper Mill Road
Erdenheim, PA 19118
- E. Resource material will be provided to all holders of the Twin Acres Country Day School RERP on an annual basis only, as deemed appropriate by the Administrator.

VIII. RESOURCE REQUIREMENTS FOR PROTECTIVE ACTION

- A. Protective Action "Resource Requirements Profiles" are shown as Attachment 3.
- B. The Profiles will be reviewed for School use, and updated semi-annually, within twenty-five days of the beginning of each school term.

- C. Copies of all completed profiles will be filed by the Administrator, for retention and School use.
- D. Duplicates of all Resource/Profile Forms are filed with:
1. Perkiomen Valley School District
Dr. William D. Westcott
District Superintendent
Schwenksville, PA 19473
 2. Perkiomen Valley School District Transportation Department
 3. Montgomery County Office of Emergency Preparedness
A. Lindley Bigelow, Director
100 Wilson Blvd.
Eagleville, PA 19403
 4. Montgomery County Intermediate Unit #23
Dr. Laureen Stoud
Legislative Liaison
Montgomery Avenue and Paper Mill Road
Erdenheim, PA 19118
- E. Profile material will be provided to all holders of the Twin Acres Country Day School RERP on an annual basis only, as deemed appropriate by the Administrator.

ATTACHMENT 1
SCHOOL PROFILE FORM

Name: Twin Acres Country Day School

Facility Location (directions): 105 Cherry Avenue
(approx. 1.25 mi east of County Line Road
or approx. 2,000 feet west of 7th Avenue.
Trappe, PA 19473

Affiliations: _____

Enrollment:

	<u>Affected Students</u>				<u>Total</u>	<u>Faculty</u>	<u>Other Staff</u>
	<u>Grade</u>	<u>General</u>	<u>Sp. Ed.</u>	<u>Other</u>			
Preschool							
K							
Other							
Total		50	---	---	50	5	2

	<u>Name</u>	<u>Telephone/Fax</u>	<u>Address</u>
Key Staff:			
Administrator:	Patricia Carson	215-489-7913	105 Cherry Ave. Trappe, PA
Relief/Designate (1):	Myra Rose	215-489-7918	Trappe, PA
Relief/Designate (2):	Mrs. Edward Carson	215-489-7918	Trappe, PA
Chief Faculty Liaison:	Patricia Carson	215-489-7913	Trappe, PA

Personal Vehicles Available for Routine School Use: 2

SCHOOL PROFILE FORM (CONT'D.)

	<u># of buses/ (Capacity)</u>	<u># of Vans/ (Capacity)</u>	<u># Station Wagons/ (Capacity)</u>	<u># Cars/ (Capacity)</u>
Private (staff) Vehicles				2/12
Total				

Other vehicles/capacity _____

Alternate Administrative Location: Lansdale Christian Academy
1303 Columbia Avenue
Lansdale, PA 19446

ATTACHMENT 2

SCHOOL FACILITY/BUILDING PROFILE FORM*

SCHOOL BUILDING NAME: Twin Acres Country Day School
 Address: 105 Cherry Avenue
Trappe, PA 19426
 Telephone: 215/489-7918
 Location: Approx. 2,000 feet west of 7th Avenue or
aprox. 1.25 mi. east of County Line Road.

CENSUS: 50 Year: 84-85 Term: Fall - Winter
 EPZ: Yes Municipality: Trappe

<u>Grade</u>	<u>Students</u>		
	<u>General/Sp. Ed./Handicapped</u>	<u>Faculty</u>	<u>Other Staff</u>
<u>Preschool</u>	<u>18</u>	<u>2</u>	<u> </u>
<u>Pre-K</u>	<u>20</u>	<u>2</u>	<u> </u>
<u>Other</u>	<u>12</u>	<u>1</u>	<u> </u>
Total Enrollment:	<u>50</u>		
Total Faculty:		<u>5</u>	
Total Other Staff:			<u>2</u>

<u>KEY STAFF:</u>	<u>Name</u>	<u>Telephone/Pager</u>	<u>Address</u>
Administrator:	Patricia Carson	215/489-7918	105 Cherry Ave. Trappe, PA
Relief/Designate (1):	Myra Rose	215-489-7918	
Relief/Designate (2):	Mrs. Edward Carson	215-489-7918	
Faculty Liaison:	Patricia Carson	215-489-7918	

FACILITY VEHICLES AVAILABLE: Private Staff Vehicles: 2
Capacity: 6 ea. total 12
Other: _____

* One form completed for each building, residence, etc.

SCHOOL FACILITY/BUILDING PROFILE FORM (CONT'D.)

Drivers:	<u>Name</u>	<u>Telephone/Fax</u>	<u>Address</u>
(1)	_____	_____	_____
(2)	_____	_____	_____
(3)	_____	_____	_____

Buses/Vehicles Assigned for Evacuation*: Montgomery County
Provider: _____
Tel: _____

Special Requirements for Evacuation*: N/A

Host School/Facility: **Lansdale Christian Academy Telephone: [REDACTED]

Location: Lansdale (1303 Columbia Ave.)

Evacuation Route(s): 422 East (Germantown Pike) to 303 North (Valley Forge Road) - (becomes Franconia Ave. in Lansdale) to 63 West approx. 2,000 feet on left.

Mass Care Center: North Penn Senior High Telephone: [REDACTED]

Location: 1340 Valley Forge Road, Lansdale

Evacuation Route(s): 113 to 73 to 202 Bus Assigned: **

*Obtain from "Resources Required for Evacuation" Form (Attachment 3)
**Resources related to Montgomery County transportation pool.

ATTACHMENT 3

RESOURCES REQUIRED FOR EVACUATION*

School: Twin Acres Country Day Facility/Building: Twin Acres Country Day Census: 50

I. Buses

A. Primary Movement:

<u>Buses Assigned/ (Capacity)</u>	<u>Driver/Telephone</u>	<u>Agency/Telephone</u>
<u>1/72</u>	<u>631-1846</u>	<u>Montgomery County DEP</u>

II. Staff/Other Vehicles Assigned

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

III. Special Needs:

IV. Staff Assigned:

V. RACES Units

Montgomery County

NOTE:

- (a) Buses/drivers immediately available to the District/County should be pre-assigned to schools nearest to the Limerick Generating Station.

* One form completed for each building, residence, etc.

RESOURCES REQUIRED FOR EVACUATION (CONT'D.)*

- (b) Buses/drivers, identified and activated by the County/District to implement fixed nuclear facility incident evacuation, should be pre-assigned based on the school's distance to the Limerick Generating Station, evacuation routes and/or conditions.
- (c) Buses/drivers, identified as available from support resources/counties should be pre-assigned to schools on the perimeter of the EPZ for the Limerick Generating Station, and closest to the evacuation routes/host schools.
- (d) Buses will be assigned to each host school to move students to mass care centers.

* One form completed for each building, residence, etc.

ATTACHMENT 4

TWIN ACRES COUNTRY DAY SCHOOL

Dear Parent:

The Twin Acres Country Day School is located within the approximate 10 mile radius plume exposure pathway emergency planning zone and has developed an emergency plan to protect the students in the event of an incident at the Limerick Generating Station. These plans have been developed in consonance with County and municipal plans and conform with all applicable guidances and regulations. Normally, school will be closed in the event of an incident; however, plans have been developed to address any situations while school may be in session. To make the plans effective, Twin Acres Country Day School needs your cooperation and consideration.

IN THE EVENT OF AN ADVISORY TO SHELTER WITHIN THE EPZ APPROXIMATE TEN-MILE PLUME EXPOSURE PATHWAY EMERGENCY PLANNING ZONE OF THE LIMERICK GENERATING STATION

- Students will remain within the Twin Acres Country Day School building(s).
- Student dismissal will be delayed until the order is lifted.
- Dismissal times will be announced.
- PLEASE DO NOT ATTEMPT TO PICK UP YOUR CHILDREN AT Twin Acres Country Day School because it is important to remain inside during a shelter advisory.
- No student will be dismissed into the EPZ.

IN THE EVENT OF AN EVACUATION OF THE EMERGENCY PLANNING ZONE

- Students will be safely transported to a "HOST" school.
- The "host" school is Lansdale Christian Academy (see reverse side for directions).
- Parents or legal guardians are requested to pick up their children at the "host" school.
- PLEASE DO NOT ATTEMPT TO PICK UP YOUR CHILDREN AT Twin Acres Country Day School (because it is important that school driveways and access roads remain open for buses. In addition, while preparing to evacuate, it is difficult to release students and keep a current and accurate school census).
- During the entire process, the students will remain under the supervision of Twin Acres Country Day School staff (meals will be provided).

- Students will only be released to parents, legal guardians or individuals having prior approval (Approval form A-4-1-1).
- DO NOT RUSH, DRIVE S A F E L Y, the host school is located near an official evacuation route.

After 8 p.m. any remaining students may be bussed to a designated mass care center. Appropriate signs and directions will be available.

Thank you for your cooperation. After you have read and understand the process, please sign and return the copy of this letter to Twin Acres Country Day School.

This approval shall remain in effect until cancelled by the parent, legal guardian or upon transfer of the student from the Twin Acres School.

Sincerely,

Name

Title

TAB 1 TO ATTACHMENT 4
AUTHORIZATION FOR STUDENT PICK-UP

TWIN ACRES COUNTRY DAY SCHOOL

I hereby authorize that _____ may be picked up, for early
dismissal or during evacuation, by:
Student's name

myself only, _____
name of parent/legal guardian

myself or my spouse, _____
name of spouse

by _____
name of friend/relative

name of friend/relative

School officials should not release my child to anyone else unless proper
authorization is received from me. I can be reached at the numbers provided
below.

Thank you

Date

signature of parent/legal guardian

Telephone: _____ (work)
_____ (home)

ATTACHMENT 5

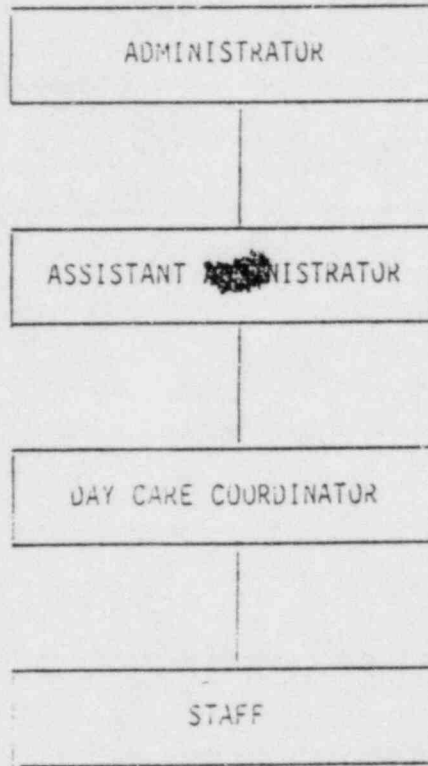
SCHOOL EVACUATION EBS ANNOUNCEMENT



NOTE: Obtain from Montgomery County
Office of Emergency Preparedness

ATTACHMENT 6

TWIN ACRES COUNTRY DAY SCHOOL ORGANIZATION CHART



ATTACHMENT 7

AGREEMENTS

A copy of the host school agreement is on file at the Twin Acres County Day School, the Host School and Montgomery County UEP.

ATTACHMENT 8

SCHOOL CALENDAR

198_ - 198_





ENERGY CONSULTANTS

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

RELATED CORRESPONDENCE

DOCKETED
USNRC

October 3, 1984

'84 OCT 12 A10:34

Mr. Robert L. Reber, Director
Berks County Emergency Management Agency
Agricultural Center
R. D. #1
Leesport, PA 19533

OFFICE OF SECRETARY
DOCKETING & SERVICE
BRANCH

Dear Bob,

Enclosed please find two (2) copies of Draft #6 of the Berks County Radiological Emergency Response Plan for incidents at Limerick Generating Station.

This draft incorporates the changes you requested following the July 25 graded exercise and the FEMA critique of the same. It includes the latest available resource information, and should be considered as essentially complete.

As always, feel free to call me with any concerns or questions.

Sincerely,

John F. Long, Jr.

JFL/dlt

Enclosures

DRAFT

BERKS COUNTY RADIOLOGICAL EMERGENCY RESPONSE PLAN

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THIS PLAN IS ADOPTED AS THE BERKS COUNTY RADIOLOGICAL EMERGENCY RESPONSE PLAN FOR INCIDENTS AT THE FIXED NUCLEAR FACILITY AT LIMERICK. IT 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 OTHER BERKS COUNTY PLANS FOR RESPONSE TO AN INCIDENT AT THE LIMERICK GENERATING STATION.

ADOPTED THIS _____ DAY OF _____, 1984.

BERKS COUNTY BOARD OF COMMISSIONERS

DONALD BAGENSTOSE, CHAIRMAN

ANTHONY J. CARABELLO

VERNON K. SHAFFER

ROBERT L. REBER, DIRECTOR
BERKS COUNTY EMERGENCY MANAGEMENT
AGENCY

RONALD R. SEAMAN, CHIEF CLERK

CROSS-REFERENCE OF THE
BERKS COUNTY RADIOLOGICAL EMERGENCY RESPONSE PLAN
DRAFT #6 FOR INCIDENTS AT LIMERICK GENERATING STATION
TO NUREG 0654/FEMA-REP-1, REV. 1

<u>EVALUATION CRITERIA</u>	<u>BERKS COUNTY RERP REFERENCE</u>
A.1.a.	Section VI, Basic Plan, pp. 8 - 17; Chart, Appendix 5, p. 5-1
A.1.b.	Section VIII, Basic Plan, p. 18; "Concept of Operations" section, Annexes
A.1.c.	Appendix 5, Basic Plan, p. 5-1
A.1.d.	Section VI, Basic Plan, p. 8; Annex A, Sections A and U, p. A-1
A.1.e.	Annex A, Section A, p. A-1; Annex B, Section IV.A., p. B-2
A.2.a.	Appendix 4, Basic Plan, p. 4-1
A.2.b.	Basic Plan, Section I.B., p. 1
A.3.	Promulgation, Basic Plan, p. i; Annex T
A.4.	Annex A, Sections A and E, p. A-1
B.1.-9.	Not Applicable Off Site (N/A)
C.1.a.	N/A
C.1.b.	N/A
C.1.c.	Annex Q, Section II.U., p. Q-1 Annex M, Section IV.B., p. M-4
C.2.a.	Annex A, Section F., p. A-1
C.2.b.	N/A
C.3.	N/A
C.4.	Annex T
D.1.	N/A
D.2.	N/A
D.3.	Basic Plan, Section III.H., p. 2; Appendix 7, Basic Plan, p. 7-1

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D.4.	Basic Plan, Section VIII, pp. 18 -24; "Concept of Operations" sections, Annexes
E.1.	Basic Plan, Section VIII, pp. 18 -24; Annex B, Section IV, pp. B-2 - B-4; Annex C, Section V, pp. C-3 - C-4
E.2.	Annex C, Section IV, p. C-2; Annex C, Section II, B., p. C-1; Basic Plan, Section VIII, pp. 18 - 24
E.3.	N/A
E.4.a.-n.	N/A
E.5.	Annex D, Sections I-IV and Appendices, pp. D-1 - U-7-8.
E.6.	Annex C, Section III; pp. C-1 - C-2; Annex D, Sections I-IV and Appendices
E.7.	Annex D, Appendices 1-6
F.1.a.	Annex B, Sections III and IV, pp. B-1 and B-2; Annex B, Appendix I, p. B-1-1
F.1.b.	Annex B, Appendix I, Section 9, p. B-1-2; Annex B, Section III.A.9., p. B-1
F.1.c.	Annex B, Section III.B., p. B-2
F.1.d.	Annex B, Section III.A.13., p. B-2 Annex B, Appendix I, Section 7, p. B-1-2
F.1.e.	Annex C, Section V, pp. C-3 - C-4 Basic Plan, Section VIII, p. 18; Appendix 1, Annex A, p. A-1-1
F.1.f.	N/A
F.2.	Annex B, Section III.A.2., p. B-1; Annex G, Section III.F., p. G-2; Appendix 4, Annex G, p. G-4-1; Appendix 7, Annex G, p. G-7-1

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F.3.	Annex S, Section II.D.1., p. S-2; Annex C, Appendix 4, Section 8, p. C-4-1
G.1.	Annex D, Section III.d and C, p. D-1
G.2.	Annex D, Sections II and III, p. D-1; Appendix 7, Annex D, p. D-7-1
G.3.a.	Annex D, Section III.I., p. D-3
G.3.b.	N/A
G.4.a.	Annex D, Section III. J., p. D-3
G.4.b.	Annex D, Section III.F., G., J., pp. D-2, D-3
G.4.c.	Annex D, Section III.H., p. D-2
G.5.	Annex D, Section III.C., p. D-1
H.1.	N/A
H.2.	N/A
H.3.	Annex A, Section A, p. A-1
H.4.	Annex A, Sections A and B, p. A-1; Annex C, Section V, p. C-3; Basic Plan, Section VIII, pp. 18-24.
H.5.	N/A
H.6.	N/A
H.7.	Annex M, Sections IV.C. and IV.G., pp. M-4 and M-5.
H.8.	N/A
H.9.	N/A
H.10.	Appendix 5, Annex M, Section III, p. M-5-2
H.11.	Annex M, Appendix 4, pp. M-4-1 - M-4-3 Annex Q, Appendix 2, P. Q-2-1
H.12.	Annex M, Section IV.C., p. M-4
I.1.	N/A
I.2.	N/A
I.3.	N/A
I.4.	N/A
I.5.	N/A

EVALUATION CRITERIABERKS COUNTY RERP REFERENCE

I.6.	N/A
I.7.	Annex M, Section IV.C., p. M-4
I.8.	Annex M, Section IV.C., p. M-4
I.9.	N/A
I.10.	N/A
I.11.	Annex M, Section IV.C., p. M-4
J.1.	N/A
J.2.	N/A to Berks County
J.3.-J.8.	N/A
J.9.	Annex M, Section V.A., p. M-5 Basic Plan, Section VIII.D.4.i., pp. 22-24
J.10.a.	Annex L, Appendix 2, p. L-2-1 Annex W, Appendix 4, p. W-4-1
J.10.b.	Annex J, Appendix 5, p. J-5-1
J.10.c.	Annex C, Section III, pp. C-1 and C-2 Annex C, Appendix 1, Section 1, p. C-1-1
J.10.d.	Annex G, Section III, B., C. and F., pp. G-1 and G-2 Annex G, Appendix 2, p. G-2-1
J.10.e.	Annex M, Section VI.B., p. M-7; Annex M, Appendix 3, p. M-3-1; Annex M, Appendix 4, p. M-4-1
J.10.f.	Annex M, Section VI.B., p. M-7; Annex M, Appendix 3, Section III, p. M-3-1
J.10.g., h.	Annex L, Appendix 1, p. L-1-1 Annex I, Sections III and IV, p. I-1
J.10.i.	Annex W, Appendix 4, p. W-4-1; Annex J, Appendix 3, p. J-3-1
J.10.j.	Annex F, Section II.E., p. F-1; Annex H, p. H-1
J.10.k.	Annex K, Section II and III, p. K-1
J.10.l.	Annex J, Appendix 3, p. J-3-1

EVALUATION CRITERIABERKS COUNTY RERP REFERENCE

J.10.m.	N/A
J.11.	N/A
J.12.	Annex L, Appendix 3, p. L-3-1; Annex L, Appendix 4, p. L-4-1; Annex M, Appendix 1, p. M-1-1
K.1.	N/A
K.2.	N/A
K.3.a.	Annex M, Section IV.F., p. M-5; Annex M, Section VI., p. M-6
K.3.b.	Annex M, Appendix 3, Section IV.A., p. M-3-4
K.4.	Annex M, Appendix 3, Section IV.B., p. M-3-4 and M-3-5
K.5.a.	Appendix 1, Annex M, Section I.A., p. M-1-1; Section II.A., p. M-1-2
K.5.b.	Annex M, Appendix 1, Section II., E, F, G, p. M-1-3
K.6.	N/A
K.7.	N/A
L.1.	Annex G, Appendix 7, p. G-7-1
L.2.	N/A
L.3.	N/A
L.4.	Annex G, Section III.C. and D., p. G-1; Annex G, Appendix 7, p. G-7-1;
M.1.	
M.2.	N/A
M.3.	N/A
M.4.	N/A
N.1.a.	Annex S, Section I., p. S-1
N.1.b.	Annex S, Section II., p. S-2
N.2.a.	Annex S, Section II.D.1., p. S-2
N.2.b.	N/A
N.2.c.	Annex S, Section II.U.2., p. S-2
N.2.d.	Annex S, Section II.U.3., p. S-3; Annex M, Section IV.A., p. M-3

EVALUATION CRITERIA

BEKKS COUNTY RERP REFERENCE

N.2.e.	N/A
N.3.a.-f.	Annex S, Section III., p. S-3
N.4.	Annex S, Section IV., p. S-3
N.5.	Annex S, Section IV., p. S-3
U.1.	Annex R, Sections I-IV, p. R-1
U.1.a.	N/A
U.1.b.	Annex R, Section III, p. R-2
U.2.	N/A
U.3.	N/A
U.4.a.	Annex R, Section II.A. and II.C., p. R-1
U.4.b.	N/A
U.4.c.	Annex R, Section III.E.5., p. R-3
U.4.d.	Annex R, Section III.A. and B., pp. R-2 and R-3
U.4.e.	N/A
U.4.f.	Annex R, Section II.E., p. R-2 Annex R, Section III.E.10 and 11, p. R-3
U.4.g.	Annex R, Section II.A. and II.C., p. R-1; Annex R, Section III.E.8 and 9, p. R-3
U.4.h.	Annex R, Section II.E., p. R-2; Annex R, Section III.E.10 and 11, p. R-3
U.4.i.	N/A
U.4.j.	Annex R, Section II.D., p. R-2; Annex R, Section III.E.7., p. R-3
U.5.	Annex R, Section III.D., p. R-3
P.1.	Annex R, Sections II.A. and II.C., p. 5-1
P.2.	Basic Plan, Section VI.A., p. 8
P.3.	Basic Plan, Section VI.A., p. 8
P.4.	Basic Plan, Section VI.A.19., p. 10; Annex S, Section IV.B., p. S-3
P.5.	Basic Plan, Section IX.B., p. 24

EVALUATION CRITERIA

BERKS COUNTY RERP REFERENCE

P.6.	Annex U; Annex V
P.7.	Annex U, pp. U-1 and U-2
P.8.	Basic Plan, p. ii
P.9.	N/A
P.10.	Annex A, Appendix 1, p. A-1-1; Annex B, Appendix 2, p. B-2-1; Annex B, Appendix 1, Section 10, p. B-1-3 Annex C, Appendix 5, p. C-5-1;

DRAFT 6

BERKS COUNTY
RADIOLOGICAL EMERGENCY RESPONSE PLAN
FOR INCIDENTS AT THE
LIMERICK GENERATING STATION

October 1984

Berks County Emergency Management Agency
Agricultural Center
R. D. #1
Leesport, PA 19533

(215) 374-4800

COPY NUMBER _____

I. SCOPE AND AUTHORITY

A. Scope

The scope of this radiological emergency response plan includes:

1. Establishment of policies and procedures under which the County of Berks will operate in the event of an incident at the Limerick Generating Station.
2. Definition of the roles and responsibilities of the Berks County Emergency Management Agency and its staff in the event of an incident at the Limerick Generating Station.
3. Assurance of appropriate responses to protect the population within the Berks County section of the plume exposure pathway EPZ and ingestion exposure pathway EPZ, including public alerting and notification, protective action guidelines and mobilization of county forces to support necessary actions.

B. Authority

The authority for the preparation and implementation of this contained in the provisions of the Pennsylvania Emergency Management Services Act of 1978, P.L. 1332.

II. REFERENCES

- A. 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.
- B. Commonwealth of Pennsylvania, Disaster Operations Plan, July 1977.
- C. Annex E, "Fixed Nuclear Facility Incidents," to the Commonwealth of Pennsylvania Disaster Operations Plan, November 1981, with changes.
- D. Resolution number _____, dated _____, of the Berks County Board of Commissioners, adopting this Radiological Emergency Response Plan.
- E. Emergency Plan for Limerick Generating Station, Units 1 and 2, Volumes 1 and 2.
- F. Commonwealth of Pennsylvania Disaster Recovery Plan, April 1977.
- G. Pennsylvania Emergency Management Agency Directive 32, "Development of a Mass Care Operational Program," November 14, 1980.

III. DEFINITIONS

The following definitions refer to terms mentioned within the text of this plan or commonly used in reference to nuclear generating facilities.

- A. Access Control Points (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, along roads leading into an evacuated area, or an area where occupants are taking shelter, for the purpose of controlling access into the area.
- B. Central Resource Receiving Point - A predesignated location outside the plume exposure pathway EPZ suitable for the reception and distribution of supplies and equipment.
- C. Dosimeter - Pocket sized device that measures accumulated exposure to radiation.
- D. Emergency Broadcast System (EBS) Announcements - Official announcements made at the county level for the specific purpose of providing instructions or directions from the County Commissioners, or their designated official representative, to the permanent and transient residents of the county. Announcements are made over the legally designated EBS network. EBS announcements at the State level are made only when they are applicable Statewide. Priorities for EBS announcements are specified in law; first priority to the Federal government, second priority to county governments, and third priority to State governments. Restriction on use of EBS announcements does not preclude appropriate use of newspapers, radio and television for public information statements.
- E. Emergency Management - The judicious planning, assignment and coordination of all available resources in an integrated program of prevention, mitigation, preparedness, response and recovery for emergencies of any kind, whether from enemy attack, man-made or natural sources.
- F. Emergency Operations center (EUC) - A specific facility equipped for long-term operation and designated for use by the Emergency Management Agency to direct operations in the event of an emergency condition or incident.
- G. Emergency Planning Zone (EPZ) - A generic area defined about a nuclear facility to facilitate off-site emergency planning and develop a significant response base. It is defined for the plume and ingestion exposure pathways.
- H. Fixed Nuclear Facility Incident (hereinafter "incident") - An incident is an event or condition at a fixed nuclear facility which could result in an impact on public health and safety. Four (4) incident classes have been identified; from the least serious to the most serious they are: Unusual Event, Alert, Site Emergency and

General Emergency. (Note: Site or General Emergency classifications are not to be confused with a "Declaration of Disaster Emergency" made by the Governor in accordance with Pennsylvania P.L. 1332 of 1978. Within each class, there are specific emergency responses necessary to ensure that public health and safety are protected. Descriptions of the four incident classes are as follows:

1. Unusual Event - Events are in process or have occurred which indicate a potential degradation of the level of safety of the plant. No releases of radioactive material requiring off-site response or monitoring are expected unless further degradation of safety systems occurs.
 2. Alert - Events are in process or have occurred which involve an actual or potential substantial degradation of the level of safety of the plant. Any releases are expected to be limited to small fractions of the EPA Protective Action Guideline exposure levels.
 3. Site Emergency - Events are in process or have occurred which involve actual or likely major failures of plant functions needed for protection of the public. Any releases are not expected to exceed EPA Protective Action Guideline exposure levels except near site boundary.
 4. General Emergency - Events are in process or have occurred which involve actual or imminent substantial core degradation or melting with a potential for loss of the containment system. Releases can be reasonably expected to exceed EPA Protective Action Guideline exposure levels off-site for more than the immediate site area.
- I. Host School - Pre-determined schools to which risk school students are evacuated, at which they remain under the risk school officials' supervision until they are picked up by their parents or legal guardians.
 - J. Ingestion Exposure Pathway EPZ - 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.
 - K. Main Evacuation Routes - Those roadways identified in State and risk county plans as the principle routes leading from the Plume Exposure Pathway EPZ for use by vehicles in the event of an incident requiring evacuation.
 - L. Mass Care Center - Fixed facilities suitable for providing emergency lodging for victims of a disaster left temporarily homeless, and capable of providing all essential sanitary services. Monitoring and decontamination, if needed, will be carried out at mass care centers.

- M. 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.
- N. Mode of Discharge - Discharge of radioactivity to the ground surface, surface water, the atmosphere or any combination thereof.
- U. Municipality - For the purpose 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; in this plan "municipality" does not include counties.
- P. Parent County - The county in which the nuclear facility is physically located.
- Q. Plume Exposure Pathway EPZ - 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 the plume exposure pathway EPZ for the Limerick Generating Station was 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.)
- R. Political Subdivision - Any county, city, borough, township or incorporated town within the Commonwealth.
- S. Projected Dose - An estimate of the radiation dose which affected individuals could potentially receive if protective actions are not taken.
- T. Protective Action Guide (PAG) - A pre-established projected dose to individuals which warrants protective action.
- U. Protective Actions - An action taken to avoid or reduce a projected dose of radiation. (Sometimes referred to as protective measures.) Protective actions generally consist of one or more of the following:
1. Sheltering - Action taken by the public to take advantage of the protection against radiation exposure afforded by remaining indoors, away from doors and windows, during the following the passage of the radioactive plume.

2. General Evacuation - The evacuation of the entire population within a specified geographic area.
 3. Selective Evacuation - The evacuation of specific elements of the population, such as pregnant women, pre-school children or the infirm.
- V. Public Alert System - A network of sirens, installed by the utility and controlled by Berks County, which covers the Berks County portion of the plume exposure pathway EPZ and provides a steady alert signal, directing residents of the EPZ to turn to their EBS radio station.
 - W. Public Information Statements - Public announcements made by PEMA or county officials via newspaper, radio or television to explain government actions being taken to protect the public in event of any public emergency. The purpose of the announcement is to provide accurate information, prevent panic and counteract misinformation and rumors. Reference to the emergency situation itself will be made only in the context of the reasons for governmental actions and not to provide detailed information about the situation.
 - X. Radio Amateur Civil Emergency Service (RACES) - Licensed volunteer radio amateur (HAM) communications personnel, equipped and affiliated with the County EMA.
 - Y. Radio Emergency Associated Citizens Team (REACT) - An organized group of Citizen's Band radio operators which monitors Channel 9.
 - Z. Radiological Emergency Response Plans (RERP) - Detailed incident response plans developed by the State and its agencies, county and municipal emergency management agencies, and special facilities in coordination with PEMA and the fixed nuclear facilities.
 - AA. Radioprotective Drugs - A medication (generally Potassium Iodide) which blocks the absorption of radioactive Iodine-131 by the thyroid gland, which will be issued to emergency workers required to stay within the Plume Exposure Pathway EPZ.
 - BB. 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.
 - CC. Risk Counties - Those counties within the plume exposure pathway EPZ of a fixed nuclear facility.
 - DD. Risk School District/Building - A school district/building located partially or wholly within the plume exposure pathway EPZ of a fixed nuclear facility including parochial and private schools served by public school transportation.
 - EE. Route Alerting - This is a supplement to the public alert system and is implemented, as necessary, in the event of public alert system failure or to alert persons or areas which may not be within the

sound of the public alert system. Route alerting is a municipal responsibility and is to be accomplished by pre-designated route alert teams travelling in vehicles along pre-assigned routes delivering the following message: "There is an emergency at the Limerick Generating Station; please tune to your Emergency Broadcast Station."

- FF. Sheltering - Action by the public to take advantage of the protection against radiation exposure afforded by remaining indoors, away from doors and windows, during and following the passage of the radioactive plume.
- GG. Standby Status - This term is used to describe the state of readiness of EBS stations, reception centers and mass care centers. The meaning of the term is reserve readiness. The stations or centers are in reserve readiness, ready to function when called upon. 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.
- HH. 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 incident classifications of Site Emergency and General Emergency.
- II. Support County - The county or counties outside the plume exposure pathway EPZ of a fixed 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.
- JJ. Traffic Control Points (TCP) - Police traffic control established at critical road junctions for the purpose of controlling or limiting traffic. TCPs are used to control evacuation movement.
- KK. Transportation Resources and Providers - Modes of transportation for evacuating schools and special facilities, generally includes ambulances, buses, trucks and helicopters.
- LL. Transportation Staying Area - A designated location from which transportation resources are coordinated and/or dispatched.
- MM. Unmet Needs - Capabilities and/or resources required to support emergency operations but neither available nor provided for at the respective levels of government.

IV. PURPOSE

The overall purpose of this radiological emergency response plan is to establish policies and procedures for emergency preparedness and response to incidents at the Limerick Generating Station. In establishing such policies and procedures, the following activities have been addressed:

- A. Establish policies and procedures for emergency preparedness and response to incidents at the Limerick Generating Station.
- B. Identify authorities and assign emergency technical and operational responsibilities and establish lines of communications for planning and response.
- C. Develop a coordinated system for alerting and informing the general public.
- D. Identify the relationships of Federal and State agencies to county and municipal governments as well as the relationship between Berks County and its municipalities.
- E. Provide for emergency response planning for the plume exposure pathway EPZ of the Limerick Generating Station.
- F. Establish procedures for exercises and drills.
- G. Assure the inclusion of industrial and commercial resources in the planning effort.
- H. Define the areas of Berks County that are within the plume exposure pathway EPZ.

V. ASSUMPTIONS

- A. The existence of the Limerick Generating Station provides the potential for radiological hazard to the citizens of that area of Berks County located within the plume exposure pathway EPZ.
- B. Protective actions to be taken by residents of the plume exposure pathway EPZ could include in-place sheltering or evacuation.
- C. The amount of lead time available will impact on the protective actions recommended.
- D. In the event of a serious incident at the Limerick Generating Station, many of the residents of the plume exposure pathway EPZ will choose to evacuate spontaneously without official order or recommendation. Many will leave the plume exposure pathway EPZ by way of routes not designated as main evacuation routes.
- E. At least 50% of the population at risk, in the event of an evacuation, will relocate to private homes or hotel/motel facilities. For planning purposes, mass care resources will be identified for 50% of the risk population.

- (9) Cooperation with State Hospital Associations and other medical organizations in developing plans for preventing adverse effects that may result from radiation exposure.
- (10) Development and implementation of a uniform Statewide system for recording the contamination data and treatment of radiologically exposed individuals to include:
 - (a) Location at time of incident
 - (b) Radiation exposure date
 - (c) Contamination status
 - (d) Treatment status
 - (e) Release status
- (11) In coordination with PEMA and BRP:
 - (a) Issuance of guidelines for radiation detection measurement systems used by ambulance service hospital emergency departments.
 - (b) Issuance of guidance concerning the levels of radiation exposure related to the health and safety of ambulance services, hospitals and other health care personnel.
 - (c) Development of emergency medical support and response training programs.
 - (d) Development of public education material to explain to the populace the health hazards of radiation exposure and what can be done medically to eliminate or lessen the hazards and treat individuals exposed to them.
- (12) Coordination of the medical response to incidents with any affected contiguous states.

c. Pennsylvania Emergency Management Agency (PEMA)

The Pennsylvania Emergency Management Agency has the following related responsibilities in the event of an incident at the Limerick Generating Station:

- (1) Responsibility as the lead State agency for emergency management and coordination of response activities.
- (2) In cooperation with applicable State agencies and the American Red Cross, coordination of the resource management (including delivery to central resource

- F. Berks County will be called upon to provide mass care support to all the residents of the Berks County segment of the plume exposure pathway EPZ as well as approximately 24,000 evacuees from the Montgomery county segment of the EPZ.
- G. Berks County's essential unmet needs will be met on a timely basis by State and federal resources.
- H. All responses to a radiological incident at the Limerick Generating Station will be coordinated by the Pennsylvania Emergency Management Agency.
- I. Areas up to 50 miles downwind may be affected by the dispersion of radioactive material from the incident, including dairy herds, food-stuffs, etc.

VI. RESPONSIBILITIES

A. Berks County - General

The overall responsibility for decisionmaking within Berks County in the event of an incident at the Limerick Generating Station rests with the Berks County Commissioners. However, the authority to compel an evacuation belongs only to the Governor of Pennsylvania. The Berks County Commissioners may recommend an evacuation based on recommendations received from the Pennsylvania Emergency Management Agency and the Bureau of Radiation Protection, but they cannot compel it.

The Berks County Commissioners have appointed an Emergency Management Agency Director to be responsible for the development and implementation of this radiological emergency response plan, as well as all emergency situations within the county. The EMA Director is responsible for ensuring that this plan is consistent with the Commonwealth's radiological emergency response plan (PEMA Annex E) and is consistent with and supported by municipal radiological emergency response plans for each Berks County municipality located within the plume exposure pathway EPZ. The Director reviews and updates this plan on an annual basis and certifies the review to PEMA.

Specific roles and responsibilities of Berks County in this radiological emergency response plan include:

1. Development and annual update of a county Radiological Emergency Response Plan, specific to the Limerick Generating Station and consistent with Annex E to the Commonwealth of Pennsylvania Disaster Operations Plan.
2. Coordination of plan development and implementation for Berks County municipalities located within the Limerick plume exposure pathway EPZ.

3. Identification of Berks County emergency organizations, personnel resources and their functional responsibilities, and assistance to them in the development of procedures in support of this plan.
4. Development of a system for rapidly alerting county and municipal government heads, key emergency management staff, emergency services, volunteer organizations, schools, health care facilities, business and industry, ensuring that the alert/notification system is operable 24 hours per day and is consistent with the four emergency action levels outlined in Appendix 5.
5. In accordance with PEMA, other state agencies, and the Philadelphia Electric Company (PECo), the approval before dissemination of public information material concerning the area of the EPZ, evacuation routes and reception/mass care facilities, protective actions appropriate to radiological emergencies, special arrangements for the handicapped and transients, contact points for further information, and such other information as may be appropriate.
6. Preparation and maintenance, in coordination with PEMA, of emergency instructions and information concerning protective actions in event of a radiological incident and maintenance of procedures for:
 - a. Transmitting this information to the general public through the Emergency Broadcast System,
 - b. Notifying residents having special needs, and
 - c. Notifying transients.
7. Establishment and operation of a Berks County rumor control center, coordinating its activities with those of the State rumor control center operated by the Governor's Press Secretary.
8. Review and comment upon the selection of access control points, traffic control points, and major evacuation routes selected by PEMA, PennDot and the Pennsylvania State Police.
9. Coordination and/or assistance to school districts, private schools, colleges, hospitals, nursing homes and special facilities in the development of their Radiological Emergency Response Plans.
10. Assurance that municipalities identify and develop plans for assisting handicapped and homebound individuals in the event of an evacuation.
11. Coordination of the development of plans for evacuating/sheltering county-operated prisons and jails located within the Limerick EPZ, and assistance to municipalities in the

development of such plans for municipal jails or detention facilities.

12. With the assistance of the Berks County Chapter of the American Red Cross, the establishment of mass care centers for evacuees in the support areas of Berks County.
13. Coordination with and assistance to business and industry in the development of Radiological Emergency Response Plans.
14. Establishment, equipping and maintenance of an Emergency Operations Center.
15. Establishment of procedures for the dissemination of protective action recommendations received from the Pennsylvania Department of Agriculture, the Bureau of Radiation Protection and/or PEMA regarding livestock protection and agricultural, dairy and food product control.
16. Establishment and maintenance of a current listing of personnel and equipment needs beyond the ability of the county to provide, with current copy to PEMA.
17. Designation of a Central Resource Receiving Point for Berks County, and development of plans for its operation during an emergency.
18. Operation of periodic drills and an annual exercise of the Berks County Radiological Emergency Response Plan.
19. The review and update, on an annual basis, of the Berks County Radiological Emergency Response Plan and coordination of any changes with PEMA, risk school districts, other risk and support counties and risk municipalities.
20. Development of procedures for the distribution of dosimetry and radioprotective drugs to designated emergency workers.
21. Training of a requisite number of radiological decontamination monitoring teams for mass care centers and decontamination stations for emergency workers.
22. In cooperation with PEMA, the Pennsylvania State Police and the National Guard, assurance of security to areas where the public is taking shelter or has evacuated.
23. Preparation and implementation of plans for a controlled reentry into an evacuated area.
24. Maintenance of records and reports throughout each incident, preparation of after-accident reports and response critiques.
25. Participation in offsite training programs provided by the Limerick Generating Station and others.

26. Participation in the annual State/risk counties/Limerick news conference arranged by PEMA.
27. Review of the Limerick Generating Station's plans for evacuation and reception of on-site personnel for consistency with this radiological emergency response plan.
28. Arrangement for registration of evacuees at mass care centers within Berks County.
29. Provision of training in radiological emergency response for county and municipal personnel who will serve as emergency workers in a radiological emergency.

B. Berks County Staff Assignments

1. Berks County EMA Director

- a. Acting as the Chief of Staff for the Berks County Commissioners, direct and coordinate the activities of all staff groups and emergency forces and brief the County Commissioners of the situation throughout the county.
- b. Receive, evaluate and disseminate information for the Berks County Commissioners.
- c. Coordinate the municipal emergency response operations in the event of an incident at the Limerick Generating Station.
- d. Maintain plans and training programs for response to nuclear incidents according to State and Federal guidelines, and update them on an annual basis.
- e. Maintain contracts and agreements as necessary to provide adequate support for emergency operations.

2. Berks County Director of Communications

- a. Acting as the director of the Berks County Communications Center, under the authority of the Berks County EMA Director, direct and coordinate the activities of the Berks County Communications Center staff.
- b. Receive and disseminate alert/notification information in accordance with this plan.
- c. Maintain communications with the State EUC and PEMA Eastern Area Headquarters, with all municipal EUCs within Berks County, with key County governmental activities and field units, and with all other risk, support and contiguous counties.

- d. Direct the utilization of RACES.
- e. Coordinate with other County staff groups.

3. Berks County Fire Control Officer

Under the authority of the Berks County EMA Director, the Fire Control Officer is responsible for the following:

- a. The supply of information and advice on fire and rescue matters.
- b. Liaison with all municipal fire and rescue staff groups throughout Berks County.
- c. General coordination of disaster operations carried out by fire and rescue organizations within Berks County.
- d. Operational coordination with other County staff groups.

4. Police Services Officer

The Police Services staff officer in the Berks County EOC is the Berks County Sheriff and/or members of his department. This group's responsibilities include:

- a. The supply of information and advice on law enforcement matters.
- b. Liaison with all municipal police staff groups and the Pennsylvania State Police throughout the County concerning law enforcement, traffic control and access control.
- c. General coordination of disaster operations carried out by municipal police organizations and the Pennsylvania State Police within Berks County.
- d. Operational coordination with other Berks County staff groups.

5. Medical Coordinator

The Berks County Medical Coordinator, under the direction of the Berks County EMA Director, has the following responsibilities:

- a. The supply of information and advice on medical and health matters.
- b. Coordination with all municipal medical and health staff groups throughout the County.
- c. General coordination of disaster operations carried out by health care organizations and ambulance units within the County to include the evacuation of patients from medical facilities, if required.

- d. Assistance to adjacent risk counties in identification of evacuation beds and transportation resources, if required.
- e. Coordination with the Transportation Officer in the provision of transportation support.
- f. Operational coordination with other staff groups.

6. Mass Care Officer

The Berks County Mass Care Officer assumes the following responsibilities:

- a. The supply of information and advice on mass care matters.
- b. Coordination with the Red Cross representatives responsible for mass care activities within the county and in support counties.
- c. Operation of mass care centers and reception centers within the county.
- d. Maintenance of all mass care agreements.
- e. Operational coordination with other county staff groups.

7. Public Works Officer/Industrial Liaison

The Public Works Officer/Industrial Liaison in the Berks County EUC is charged with the following responsibilities:

- a. The supply of information and advice on public works and engineering matters.
- b. Coordination with municipal public works and engineering staff groups throughout the county.
- c. Liaison with industries and utilities located within the plume exposure pathway EPZ.
- d. General coordination of municipal disaster public works and engineering operations carried out within the county.
- e. Management of additional resource requirements and response to municipal unmet needs through the operation of the Central Resources Receiving Point.
- f. Operational coordination with other county staff groups.

8. Transportation Officer

The Transportation Officer is charged with the following:

- a. The supply of information and advice on transportation matters.

- b. Coordination of overall transportation support with school and key transportation industry representatives throughout the county.
 - c. General coordination of transportation resources for disaster operations involving inter-municipality transport of people and materials.
 - d. Operational coordination with other count staff groups.
9. Public Information Officer
- a. Establishment and staffing of the Berks County Media Center located in the County Agricultural Center.
 - b. The supply of information and advice on public information matters.
 - c. Liaison with news media organizations throughout the county.
 - d. Preparation and public release of emergency information and instructions, as directed by the County Commissioners, and in coordination with PEMA's Public Information Officer.
 - e. Preparation and distribution of public information materials prior to an emergency.
 - f. Coordination with other county staff groups.
10. Radiological Officer
- a. The supply of information and advice on radiological matters.
 - b. Collection and maintenance of current radiation reports from BRP and Limerick monitoring teams, and as received from PEMA.
 - c. Provision of situation analysis and damage assessment reports on radiological matters as requested.
 - d. Coordination of the distribution of dosimetry, survey meters and radioprotective drugs in accordance with this plan.
 - e. Coordination of monitoring and decontamination activities at mass care centers and emergency worker decontamination stations.
 - f. Collection of municipal and county radiological records and send them to PEMA, as required.
11. School Services Officer
- a. The supply of information and advice on school matters.

- b. Coordination of the provision of unmet needs as reported by individual school districts and private schools.
- c. Assurance of 24-hour operation for the Berks County EMA school district notification procedure.
- d. Coordination with the Transportation Officer in the provision of needed transportation resources.
- e. Coordination with other county staff groups.

12. Berks County Agricultural Agent

- a. The supply of information and advice on agriculture and food processing matters.
- b. Coordination with State Department of Agriculture.
- c. In case of evacuation, certification of farmers who own livestock (including poultry) in the evacuated area as emergency workers.
- d. Coordination with other county staff groups.

C. Commonwealth of Pennsylvania

- 1. The Pennsylvania Emergency Management Agency (PEMA) is the lead agency in the State for coordinating the response to radiological incidents associated with fixed nuclear generating facilities.
- 2. The Bureau of Radiation Protection (BRP) within the Department of Environmental Resources provides technical assistance to PEMA and the Limerick Generating Station in the event of an actual or potential radiological release.

D. Federal Government

- 1. The Nuclear Regulatory Commission (NRC) is responsible for oversight and regulation of all fixed nuclear facilities in the United States.
- 2. The NRC will provide technical assistance to the State and the Limerick Generating Station in event of an incident.
- 3. The Federal Emergency Management Agency (FEMA) will coordinate the support provided by all involved federal agencies.

E. Berks County Municipalities

- 1. Establishment of an Emergency Operations Center and appointment of a qualified individual to direct its operations.

2. Development of a municipal radiological emergency response plan that is consistent with the Berks County Plan.
3. Provision for fire and rescue protection to include protection if the area has been evacuated.
4. Assurance that all municipal emergency personnel, including volunteers, have received training as provided by the County and the Limerick Generating Station.
5. Arrangements for the orderly reentry of evacuees into the municipality.
6. Maintenance of a listing of all non-ambulatory residents and residents living at home who will require special assistance in event of evacuation.
7. Determination of all unmet needs and report of same to the Berks County Emergency Management Agency.
8. Provision of back-up/supplemental support to the public alert system to ensure 100% notification of the population of the municipality.
9. Assurance that all traffic control points/access control points within the municipality are manned.
10. Provision of an alternate municipal Emergency Operations Center in event of an evacuation.
11. Designation of municipal pickup points and provisions for adequate transportation resources to municipality residents in need of transportation in event of an evacuation.
12. Development and maintenance of plans for continued government operations in the event of evacuation.
13. Distribution of dosimetry and radioprotective drugs to emergency workers.
14. Provision for municipal security, including security of the area if evacuation or sheltering has taken place.

F. Pennsylvania State Police

1. Provide liaison personnel to the county EOC.
2. Provide security and man traffic control points within their area of responsibility.
3. Develop an access control plan, coordinate the use of resources from the PSP, municipal police and National Guard to man required ACP's and activate the ACP's upon notification.

G. National Guard

1. Provision of a liaison person to the Berks County EOC, upon request, for coordination of requests of National Guard assistance.
2. Provision of assistance in the areas of traffic control, access control, security, or other assistance as requested by Berks County.

H. Pennsylvania Department of Agriculture

1. Development of plans and procedures for the protection of food production resources within the ingestion exposure pathway EPZ.

I. Berks County Chapter of the American Red Cross

1. Development, with the assistance of the Berks County Emergency Management Agency, of agreements for the use of designated facilities as mass care centers in the event of any emergency.
2. Operation and provision of services at mass care centers.

VII. SITUATION

The Limerick Generating Station is a fixed nuclear facility operated by the Philadelphia Electric Company and located in Limerick Township, Montgomery County. An incident at the Limerick Generating Station could conceivably result in a radiological release to the area surrounding the facility.

Portions of Berks County are included within the Plume Exposure Pathway EPZ of the Limerick Generating Station; an incident at Limerick may thus require some type of protective response. Protective responses may include sheltering, evacuation, the administration of radioprotective drugs to emergency workers, or some combination thereof.

Protective measures may also be required for the protection of agricultural, food and dairy products within the ingestion exposure pathway EPZ.

Elected officials at each level of government are charged with the responsibility of protecting the health, safety and well-being of persons within their jurisdiction.

Municipalities located (in whole or in part) within the Limerick Plume Exposure Pathway EPZ in Berks County include:

Amity Township
Boyertown Borough
Colebrookdale Township
Douglass Township
Earl Township
Union Township
Washington Township

The total resident population of the Berks County section of the Plume Exposure Pathway EPZ is approximately 17,089.

VIII. CONCEPT OF OPERATIONS

A. Governing Principle

The governing principle of this plan is that the areas within the Plume Exposure Pathway EPZ of the Limerick Generating Station will have the capability to make protective responses in the event of a nuclear incident. Depending upon the seriousness of the incident, such responses could include in-place sheltering or evacuation. In the event of an evacuation, a system of reception centers and mass care centers has been established. Mass care centers are located at an approximate 20-mile radius from the Limerick facility. An inherent assumption of this plan is that 50% of the population to be evacuated will relocate to private homes and hotels/motels. Thus, a plan is required for mass care for approximately 17,400 persons.

The estimated distribution of mass care needs is as follows:

Berks County evacuees:	7,780
Montgomery County evacuees:	8,214
Chester County evacuees:	<u>2,082</u>
Total	18,076

B. Notification

Notification and alerting procedures concerning incidents at the Limerick Generating Station are detailed in Annex C.

C. Emergency Response Actions

In the event of an incident at the Limerick Generating Station, Berks County will base its response actions on the specific incident classification, as outlined in Appendix B.

D. Berks County Operations

1. Unusual Event

- a. Message is officially logged.
- b. Back-up emergency fire or medical services are dispatched if requested by the parent county (Montgomery). (reference Annex E and Annex G)
- c. Berks County EMA Director or designated alternate is notified.

2. Alert

- a. All appropriate actions listed under Unusual Event are completed.

- b. The Berks County EMA Director or his alternate notifies the Berks County Commissioners.
- c. Municipalities located within the Plume Exposure Pathway EPZ (municipal emergency management coordinators, police departments plus affected fire and ambulance services) are notified. (reference Annex C, Annex G, Annex E and Annex F)
- d. Berks County EUC personnel and the Berks County Red Cross are notified, and selected staff are requested to report to the County EUC. (Individuals to be selected by the Berks County EMA Director.) (reference Appendix A-1)
- e. The designated EBS station is notified and placed on standby status. (reference Annex U)
- f. The Berks County School Services Officer is notified and contacts the superintendents of the school districts and private schools within the plume exposure pathway EPZ. (reference Annex N)
- g. Radio Amateur Civil Emergency Service (RACES) are notified, and placed on standby status. The RACES net is tested and the number of units available determined. RACES units are dispatched to municipal EUCs and risk school district offices (if available). (reference Annex B)
- h. Communications links with PEMA Eastern Area, other risk counties and Lehigh County are tested.
- i. Utilities, major industries and State and Federal parks located within the plume exposure pathway EPZ are notified. (reference Annex X)
- j. Berks County Sheriff's Department vehicle(s) are dispatched to distribute dosimetry and radioprotective drugs to municipal EUCs.
- k. Transportation systems, i.e., bus, rail and air, and transportation staying areas, are notified of the situation. (reference Annex I)
- l. In the event that the public alert system is to be activated at this classification, PEMA will coordinate the time selected for activating the public alert system. When that time has been determined, the Berks County EMA will:
 - (1) Ensure that municipal route alert teams have been placed on standby status.
 - (2) Activate the public alert system at the pre-determined time.

- (3) Ensure the dispatch of municipal route alert teams in areas of public alert system failure.
 - (4) Initiate appropriate EBS announcement(s).
 - (5) Maintain the public alert system and EBS station on standby status for continuing system activation.
- m. The Rumor Control telephone is manned and activated.
 - n. Reception Center and Transportation Staying Area managers are notified and briefed.
 - o. In the event of an escalation, de-escalation or termination of the incident classification, all parties previously notified will be informed and procedures for the new incident classification will be implemented if applicable.
3. Site Emergency
- a. Complete all appropriate actions listed under Unusual Event and Alert.
 - b. All Berks County EOC officers and necessary supporting staff are mobilized, and transportation staying area and reception center staff are notified and placed on standby status. (reference Appendix A-1)
 - c. Municipalities are notified and instructed to mobilize all municipal EOC staff.
 - d. All Berks County fire, police and emergency medical services are notified, and fire, police and emergency medical services serving the plume exposure pathway EPZ are mobilized. (reference Annex E, Annex F and Annex G)
 - e. Berks County Red Cross staff are mobilized and place volunteers on standby status. (reference Annex L)
 - f. Decontamination monitoring teams are placed on standby status.
 - g. Reception centers, mass care centers, emergency worker decontamination stations and host schools within Berks County are notified and placed on standby status. (reference Annex L and Annex M)
 - h. The media center is established in the first floor auditorium of the County Agriculture Center. (All public statements will be coordinated with the PEMA public information officer.) (reference Annex D)
 - i. The RACES communications net is mobilized, assigning mobile units as necessary to ensure adequate communications,

placing units for staying areas and reception centers on standby. (reference Annex B, Annex I and Annex L)

- j. Transportation resources, transportation staging areas, staying area staff and roadway clearance and fuel resources are notified of the Site Emergency and placed on standby status. (reference Annex I and Annex K)
- k. Dosimetry and radioprotective drugs are distributed to emergency workers and municipalities are directed to do likewise. (reference Annex M)
- l. The EBS station is notified of the change in incident classification and maintained on standby status.
- m. Risk school districts are notified of the Site Emergency declaration and directed to place or maintain their transportation resources on standby status. If school is not in session, convey any recommendations regarding closing school for the following day. (reference Annex N)
- n. Access Control and Traffic Control points are activated if a protective action is declared.
- o. In the event of an escalation, de-escalation or termination of the incident classification, all parties previously notified are informed and directed to implement procedures for the new incident classification if applicable.

4. General Emergency

- a. Complete all appropriate actions for Site Emergency.
- b. The General Emergency declaration is announced on all County communication nets.
- c. Municipalities, special facilities and major industries/ utilities are notified of the declaration of a General Emergency.
- d. The School Services Officer notifies risk school districts of the declaration of a General Emergency, conveying any recommendations regarding school closing or protective responses.
- e. In coordination with PSP, access control and traffic control are dispatched to predesignated duty stations.
- f. The Central Resource Receiving Point and Transportation Staging Areas are activated. (reference Annex I and Annex Q)
- g. Emergency worker decontamination stations are activated.

- h. Activate the public alert system at the predetermined time.
- i. Protective action guidance will be provided through PEMA. Protective actions will fall under three general categories, sheltering, general evacuation, and selective evacuation:
 - (1) Sheltering
 - (a) Risk school districts and private schools are notified to implement the sheltering procedures of their radiological emergency response plans.
 - (b) Via the EBS system and public information statements, all private and parochial schools, colleges, community colleges and vocational-technical schools located within Berks County and outside the EPZ are notified and requested to notify all students residing within the plume exposure pathway EPZ of the shelter status in effect and implement appropriate procedures to retain them at their school. (reference Annex N)
 - (c) Risk municipalities will implement sheltering procedures as indicated in the municipal radiological emergency response plan.
 - (d) Fire, police and emergency medical services located within the plume exposure pathway EPZ are notified of the sheltering directive and recommended to implement sheltering procedures upon completion of all assignments. If a contaminating incident, emergency workers will be dispatched to decontamination stations following the completion of their duties. (reference Annex F)
 - (e) Orders for the administration of radioprotective drugs are relayed from the Secretary of Health through PEMA.
 - (f) Traffic Control personnel are recalled to quarters to shelter.
 - (g) Major industries and utilities are notified of the sheltering advisory.
 - (h) Any unmet needs are responded to as reported.
 - (i) In the event of a suspension of the Sheltering Advisory, all parties previously notified are directed to implement procedures appropriate to the revised incident classification or revised protective action.

(2) General Evacuation

- (a) Berks County reception centers and staff, mass care centers and staff, and decontamination monitoring teams are activated. (reference Annexes J, L and M)
- (b) Risk school districts and private schools are notified to implement the evacuation procedures of the school radiological emergency response plans, and to cancel school for the following day per the usual procedures. (reference Annex N)
- (c) Risk municipalities are directed to implement the evacuation procedures of the municipal radiological emergency response plans including the activation of procedures for the pickup of persons without transportation. (reference Annex V)
- (d) Risk municipalities are directed to man traffic control points (reference Annex K).
- (e) The Transportation Coordinator will coordinate transportation for evacuation of schools and individuals requiring special transportation, responding to any unmet needs. (reference Annex G and Annex I)
- (f) Municipalities located within the plume exposure pathway EPZ, and fire, police and emergency medical services within the plume exposure pathway EPZ are directed to relocate outside the EPZ to pre-designated locations after the evacuation is completed. (reference Annexes E, F, G and V)
- (g) Relocation points for re-locating organizations are notified and activated. (reference Annexes E, F, G, and V)
- (h) Major industries and utilities and the French Creek State Park are notified of the evacuation directive and implement shutdown.
- (i) Orders for the administration of radioprotective drugs are relayed from the Secretary of Health through PEMA.
- (j) Any unmet needs are responded to as reported.

(3) Selective Evacuation

- (a) The mass care center located at the Exeter Sr. High School in Keiffton is activated in order to

accommodate evacuees. Additional mass care centers are opened only as needed.

- (b) Risk municipalities are notified of the Selective Evacuation recommendation.
- (c) The Transportation Coordinator will coordinate transportation for the evacuation of individuals requiring special transportation.
- (d) Any unmet needs are responded to as reported.

J. In the event of a de-escalation or termination of the General Emergency, all parties previously notified are informed and directed to implement procedures for the new incident classification.

IX. DISTRIBUTION

A. Control

A distribution list of all copies of this radiological emergency response plan is maintained current by the Berks County Emergency Management Agency. This list includes data as to the location of each copy and the individual or organization to whom it was sent.

B. Revisions

As revisions are made, revised and dated change pages will be provided to all individuals and agencies listed as holding copies. It is the responsibility of the copy holder to keep individual copies current.

C. Availability

Requests for copies should be filed with the Director of the Berks County Emergency Management Agency. While quantities are limited, copies can be made available upon specific request and justification. As copies are distributed, the name and address of the recipient will be added to the distribution list.

D. Distribution

Initial distribution of the Berks County Radiological Emergency Response Plan is as follows:

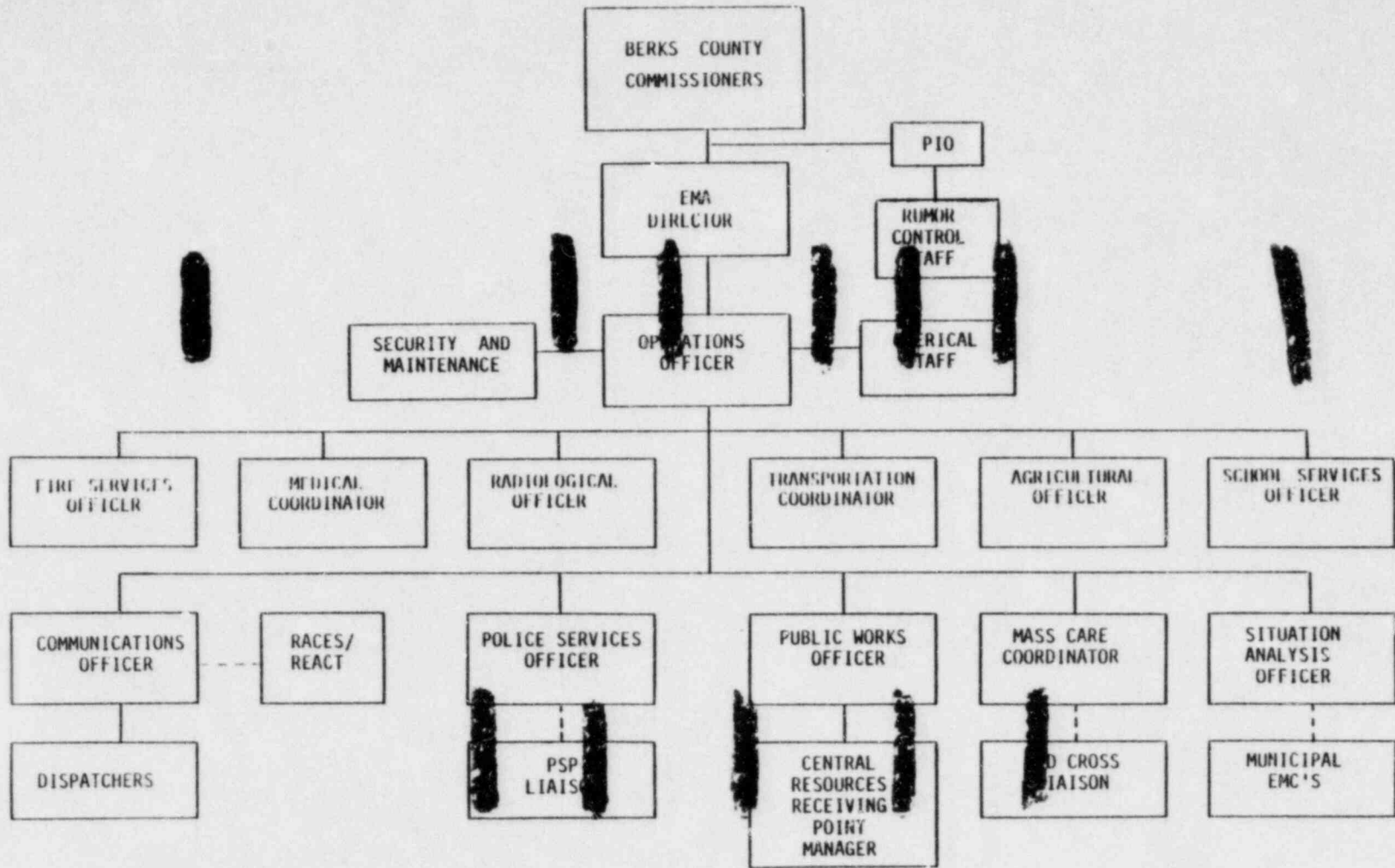
1. Federal Emergency Management Agency, Region III
2. Pennsylvania Emergency Management Agency, Headquarters
3. Pennsylvania Emergency Management Agency, Eastern Area
4. Berks County Commissioners

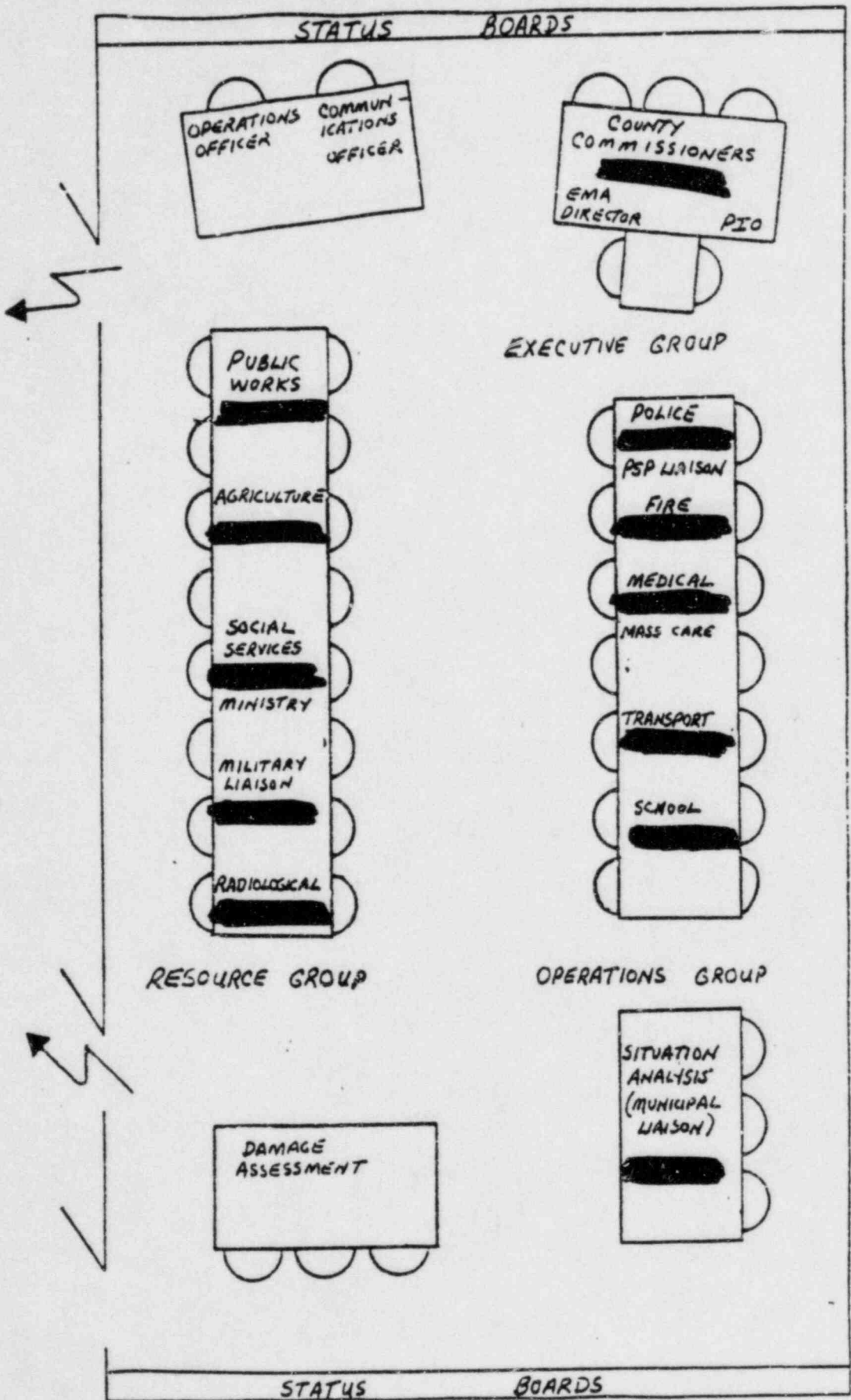
5. Berks County municipalities located within the Plume Exposure Pathway EPZ
6. Limerick Generating Station
7. All other risk and support counties to the Limerick Generating Station
8. Berks County Emergency Management Agency staff
9. Berks County Communications Center
10. Daniel Boone and Boyertown school districts
11. Berks County libraries, and municipal libraries of those municipalities located within the plume exposure pathway EPZ

APPENDICES:

- Appendix 1 - Berks County EMA Emergency Operations Center Staff Organization
- Appendix 2 - Berks County EOC Organization
- Appendix 3 - Berks County EOC Floor Plan
- Appendix 4 - Primary and Support Responsibilities Chart
- Appendix 5 - Interrelationships of Organizations
- Appendix 6 - Position Responsibilities - Berks County EOC
- Appendix 7 - Incident Classifications

1-1

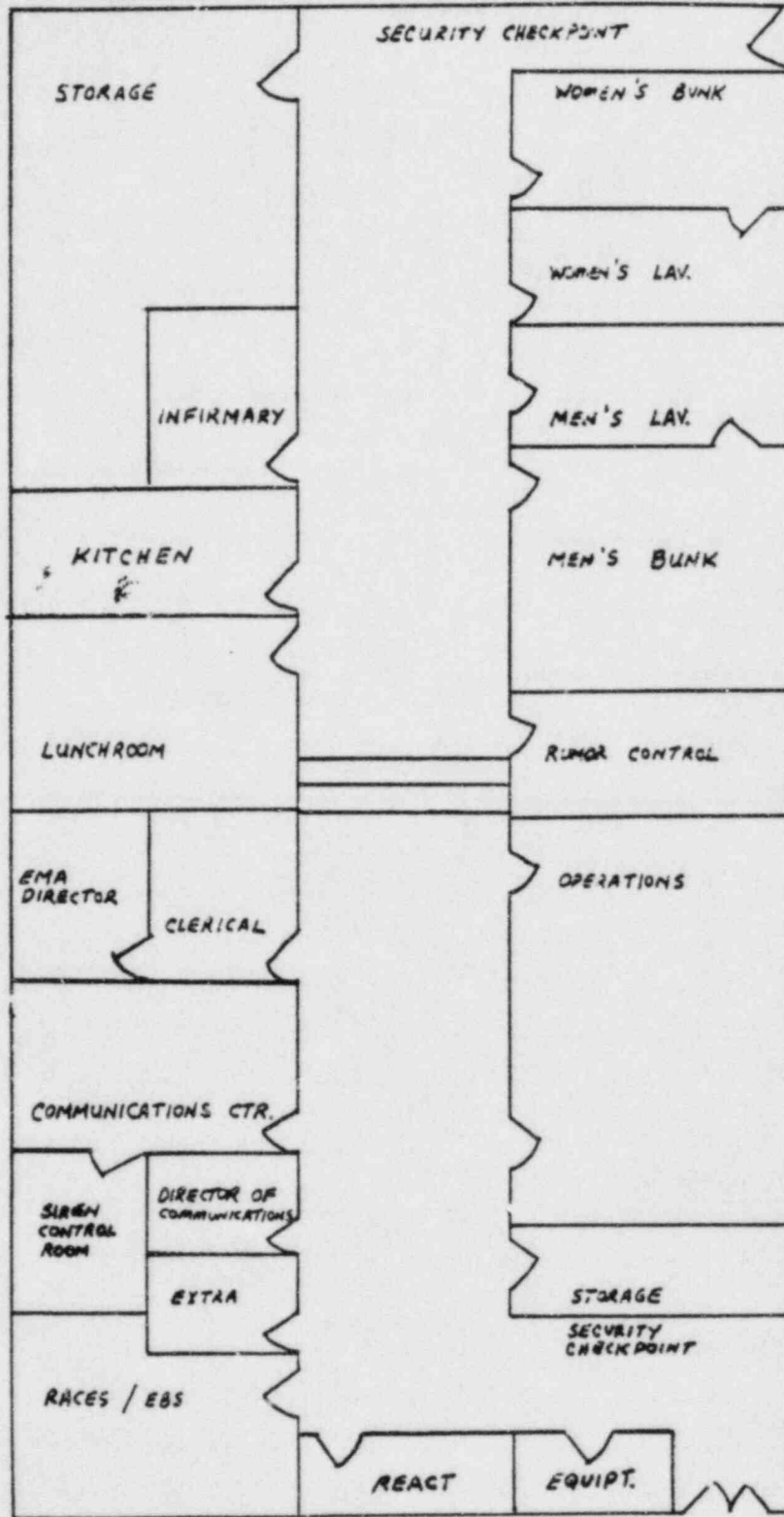




BERIK'S COUNTY EMERGENCY MANAGEMENT AGENCY
EOC ORGANIZATION

APPENDIX 3

BERKS COUNTY EOC FLOOR PLAN



NOT TO SCALE

APPENDIX 4

PRIMARY AND SUPPORT RESPONSIBILITIES CHART

BERKS COUNTY EOC STAFF

Primary - P
Support - S

ANNEX:

EOC Officer:	EMA Director	Police Services Coordinator	Fire Services Coordinator	Medical Coordinator	Director of Communications	Transportation Coordinator	Public Works Officer	Public Information Officer	Mass Care Coordinator	RADEF Officer	USDA Board Director	Berks County Red Cross	School Services Officer
A. Direction & Control	P	S	S	S	S	S	S	S	S	S	S	-	S
B. Communications	S	S	S	S	P	-	-	S	-	-	-	-	-
C. Alert/Notification	P	S	S	-	S	-	-	S	-	-	-	-	-
D. Public Information	S	-	-	-	-	-	-	P	S	S	S	-	-
E. Fire and Rescue	S	S	P	S	S	S	-	-	S	S	-	-	-
F. Police Services	S	P	S	-	S	-	-	S	-	S	-	-	-
G. Medical Support	S	S	S	P	S	S	S	S	-	S	-	S	-
H. Military Support	P	S	S	S	S	S	S	S	-	S	-	-	-
I. Transportation	S	S	-	S	S	P	S	S	S	S	-	-	S
J. Evacuation	P	S	S	S	S	S	S	S	S	S	-	S	S
K. Traffic Control	S	P	S	-	S	S	S	S	-	-	-	-	-
L. Mass Care	S	-	-	S	S	S	S	S	P	S	-	S	-
M. Radiological Exposure Control	S	-	-	S	S	-	-	S	-	P	S	-	-
N. School Services	S	-	-	-	S	S	-	S	-	S	-	S	P
O. Agriculture	S	S	-	-	S	-	-	S	-	S	P	-	-
P. Reentry	P	S	S	S	S	S	S	S	S	S	S	S	S
Q. Resource Rqmts.	S	-	-	-	S	-	P	-	-	-	-	S	-
R. Training	P	S	S	S	S	-	-	-	-	S	-	S	-
S. Exercise & Drills	P	S	S	S	S	S	S	S	S	S	S	S	S
T. Agreements	P	S	S	S	-	S	-	-	S	-	-	S	S
U. Supporting Plans and Imp. Procedures	P	-	-	-	-	-	-	-	-	-	-	-	-
V. Municipal Plans	S	-	-	-	-	-	-	-	-	-	-	-	-
W. Maps	P	-	-	-	-	-	-	-	-	-	-	-	-
X. Industrial Liaison	S	-	-	-	S	-	P	-	S	-	-	-	-

APPENDIX 5

INTERRELATIONSHIPS OF ORGANIZATIONS

FEDERAL EMERGENCY
MANAGEMENT AGENCY
(FEMA)

Coordinate planning and response to incidents by Federal Agencies and Departments. Supplies training, guidance and resources to PEMA.

PENNSYLVANIA EMERGENCY
MANAGEMENT AGENCY
(PEMA)

PEMA is the lead State Agency. Coordinates planning and response to incidents by State Agencies and Departments. Supplies training, guidance and resources to county emergency management agencies.

BERKS COUNTY EMERGENCY
MANAGEMENT
AGENCY

Coordinates planning and response to incidents by County Agencies and Departments. Supplies training, guidance, resources and assistance to municipal emergency management agencies.

MUNICIPAL EMERGENCY
MANAGEMENT
AGENCIES

Plan for and respond to incidents within the municipality utilizing municipal resources.

BERKS COUNTY CHAPTER
AMERICAN RED CROSS

Coordinates services of voluntary organizations per agreement between local chapters and emergency management.

LIMERICK GENERATING
STATION

Coordinates on-site emergency response planning with risk counties. Provides public alert system. Provides communications to risk counties and others. Advises PEMA and risk counties of emergency situation.

APPENDIX 6

POSITION RESPONSIBILITIES - BERKS COUNTY EUC

<u>POSITION</u>	<u>RESPONSIBILITIES</u>
County Commissioners.....	Overall responsibility for the emergency response.
County Emergency Management Agency Director.....	Develops plans, directs incident response, organizes training programs and coordinates exercises.
Public Information Officer.....	Public information programs and news releases.
Secretary.....	Receptionist and telephone/teletype operator.
Mass Care Officer.....	Direct mass care center operations.
Police Services Officer.....	Security and traffic control.
Fire Services Officer.....	Fire extinguishment/assist in route alerting/rescue.
Medical Coordinator.....	Plan/implement medical response.
Transportation Officer.....	Transportation.
Communications Officer.....	Communications.
RACES.....	Provide amateur radio communications during emergency operations.
Radiological Officer.....	Coordinate personnel and public radiological monitoring and decontamination.
Public Works Officer.....	Coordinate resource requirements and serves as industry/utility liaison.
Agricultural Officer (Director, County USDA Board).....	Certification of farmers as emergency workers.
REACT.....	Provides amateur radio communications during emergency operations.
School Services Officer.....	Coordinates notification and resource support for risk area school districts.

POSITION

RESPONSIBILITIES

Situation Analysis Officer.....

Municipal liaison/provision of status reports on municipal response.

APPENDIX 7

INCIDENT CLASSIFICATIONS

<u>Class</u>	<u>Licensee Actions</u>	<u>State and/or Local Off-Site Authority Actions</u>
<p>NOTIFICATION OF UNUSUAL EVENT</p> <p><u>Class Description</u></p> <p>Unusual events are in process or have occurred which indicate a potential degradation of the level of safety of the plant. No releases of radioactive material requiring off-site response or monitoring are expected unless further degradation of safety system occurs.</p>	<ol style="list-style-type: none">1. Promptly inform State and/or local off-site authorities of nature of unusual condition as soon as discovered.2. Augment on-shift resources as needed.3. Assess and respond.4. Escalate to a more severe class, if appropriate.	<ol style="list-style-type: none">1. Provide fire or security assistance if requested.2. Escalate to a more severe class, if appropriate.3. Stand by until verbal closeout.
<p>1-1 <u>Purpose</u></p> <p>The purpose of off-site notification is to (1) assure that the first step in any response later found to be necessary has been carried out, (2) bring the operating staff to a state of readiness, and (3) provide systematic handling of unusual events information and decision-making.</p>	<p><u>or</u></p> <ol style="list-style-type: none">5. Close out with verbal summary to off-site authorities; followed by written summary within 24 hours.	

APPENDIX 7 CONT'D.

INCIDENT CLASSIFICATIONS

<u>Class</u>	<u>Licensee Actions</u>	<u>State and/or Local Off-Site Authority Actions</u>
<p>ALERT</p> <p><u>Class Description</u></p> <p>Events are in process or have occurred which involve an actual or potential substantial degradation of the level of safety of the plant. Any releases are expected to be limited to small fractions of the EPA Protective Action Guideline exposure levels.</p> <p><u>Purpose</u></p> <p>The purpose of an off-site alert is to (1) assure that emergency personnel are readily available to respond if the situation becomes more serious or to perform confirmation radiation monitoring if required, and (2) provide off-site authorities with current status information.</p>	<ol style="list-style-type: none">1. Promptly inform State and/or local authorities of alert status as soon as discovered.2. Augment resources and activate on-site Technical Support Center and on-site operational support center. Bring Emergency Operations Facility (EOF) and other key emergency personnel to standby status.3. Assess and respond.4. Dispatch on-site monitoring teams and associated communications.5. Provide periodic plant status updates to off-site authorities (at least every 15 minutes).6. Provide periodic meteorological assessments to off-site authorities and, if any releases are occurring, dose estimates for actual releases.7. Escalate to a more severe class, if appropriate.	<ol style="list-style-type: none">1. Provide fire or security assistance if requested.2. Augment resources and bring primary response centers and EBS to standby status.3. Alert to standby status key emergency personnel including monitoring teams and associated communications.4. Provide confirmatory off-site radiation monitoring and ingestion pathway dose projections if actual releases substantially exceed technical specification limits.5. Escalate to a more severe class, if appropriate.6. Maintain alert status until verbal closeout or reduction of emergency class.

APPENDIX 7 CONT'D.

INCIDENT CLASSIFICATIONS

<u>Class</u>	<u>Licensee Actions</u>	<u>State and/or Local Off-Site Authority Actions</u>
ALERT (CONT'D.)	8. Close out or recommend reduction in emergency class by verbal summary to off-site authorities followed by written summary within 8 hours of closeout or class reduction.	

APPENDIX / CONT'D.

INCIDENT CLASSIFICATIONS

<u>Class</u>	<u>Licensee Actions</u>	<u>State and/or Local Off-Site Authority Actions</u>
<p>SITE EMERGENCY</p> <p><u>Class Description</u></p> <p>Events are in process or have occurred which involve actual or likely major failures of plant functions needed for protection of the public. Any releases are not expected to exceed EPA Protective Action Guideline exposure levels except near the site boundary.</p> <p><u>Purpose</u></p> <p>The purpose of the site emergency declaration is to (1) assure that response centers are manned, (2) assure that monitoring teams are dispatched, (3) assure that personnel required for evacuation of near-site areas are at duty stations if situation becomes more serious, (4) provide consultation with off-site authorities, and (5) provide updates for the public through off-site authorities.</p>	<ol style="list-style-type: none">1. Promptly inform State and/or local off-site authorities of site area emergency status and reason for emergency as soon as discovered.2. Augment resources by activating on-site Technical Support Center, on-site operational support center and near-site Emergency Operations Facility (EOF).3. Assess and respond.4. Dispatch on-site and off-site monitoring teams and associated communications.5. Dedicate an individual for plant status updates to off-site authorities and periodic press briefings (perhaps joint with off-site authorities).6. Make senior technical and management staff on-site available for consultation with NRC and State on a periodic basis.7. Provide meteorological and dose estimates to off-site authorities for actual releases via a dedicated individual or automated data transmission.	<ol style="list-style-type: none">1. Provide any assistance requested.2. If sheltering near the site is desirable, activate public notification system within at least two miles of the plant.3. Provide public within at least about 10 miles periodic updates on emergency status.4. Augment resources by activating primary response centers.5. Dispatch key emergency personnel including monitoring teams and associated communications.6. Alert to standby status other emergency personnel (e.g., those needed for evacuation) and dispatch personnel to near-site duty stations.7. Provide off-site monitoring results to licensee, DOE and others and jointly assess them.8. Continuously assess information from licensee and off-site monitoring with regard to changes to protective actions already initiated for public and mobilizing evacuation resources.

APPENDIX 7 CONT'D.

INCIDENT CLASSIFICATIONS

<u>Class</u>	<u>Licensee Actions</u>	<u>State and/or Local Off-Site Authority Actions</u>
SITE EMERGENCY (CONT'D.)	<p>8. Provide release and dose projections based on available plant condition information and foreseeable contingencies.</p> <p>9. Escalate to <u>general emergency class</u>, if appropriate</p> <p style="text-align: center;"><u>or</u></p> <p>10. Close out or recommend reduction in emergency class by briefing of off-site authorities at EOF and by phone followed by written summary within 8 hours of closeout or class reduction.</p>	<p>9. Recommend placing milk animals within 2 miles on stored feed and assess need to extend distance.</p> <p>10. Provide press briefings, perhaps with licensee.</p> <p>11. Escalate to <u>general emergency class</u>, if appropriate.</p> <p>12. Maintain site emergency status until closeout or reduction of emergency class.</p>

APPENDIX 7 CONT'D.

INCIDENT CLASSIFICATIONS

7-6

<u>Class</u>	<u>Licensee Actions</u>	<u>State and/or Local Off-Site Authority Actions</u>
<p>GENERAL EMERGENCY</p> <p><u>Class Description</u></p> <p>Events are in process or have occurred which involve actual or imminent substantial core degradation or melting with potential for loss of containment integrity. Releases can be reasonably expected to exceed EPA Protective Action Guideline exposure levels off-site for more than the immediate site area.</p> <p><u>Purpose</u></p> <p>The purpose of the general emergency declaration is to (1) initiate predetermined protective actions for the public, (2) provide continuous assessment of information from licensee and off-site organization measurements, (3) initiate additional measures as indicated by actual or potential releases, (4) provide consultation with off-site authorities and (5) provide updates for the public through off-site authorities.</p>	<ol style="list-style-type: none">1. Promptly inform State and local off-site authorities of general emergency status and reason for emergency as soon as discovered (parallel notification of State/local).2. Augment resources by activating on-site Technical Support Center, on-site operational support center and near-site Emergency Operations Facility (EOF).3. Assess and respond.4. Dispatch on-site and off-site monitoring teams and associated communications.5. Dedicate an individual for plant status updates to off-site authorities and periodic press briefings (perhaps joint with off-site authorities).6. Make senior technical and management staff on-site available for consultation with NRC and State on a periodic basis.	<ol style="list-style-type: none">1. Provide any assistance requested.2. Activate immediate public notification of emergency status and provide public periodic updates.3. Recommend sheltering. Consider advisability of evacuation (projected time available vs. estimated evacuation times).4. Augment resources by activating primary response centers.5. Dispatch key emergency personnel including monitoring teams and associated communications.6. Dispatch other emergency personnel to duty stations.7. Provide off-site monitoring results to licensee, DOE and others and jointly assess them.8. Continuously assess information from licensee and off-site monitoring with regard to changes to protective actions already initiated for public and mobilizing evacuation resources.

APPENDIX 7 CONT'D.

INCIDENT CLASSIFICATIONS

<u>Class</u>	<u>Licensee Actions</u>	<u>State and/or Local Off-Site Authority Actions</u>
GENERAL EMERGENCY (CONT'D.)	<ol style="list-style-type: none">7. Provide meteorological and dose estimates to off-site authorities for actual releases via a dedicated individual or automated data transmission.8. Provide release and dose projections based on available plant condition information and foreseeable contingencies.9. Close out or recommend reduction of emergency class by briefing of off-site authorities at EOF and by phone followed by written summary within 8 hours of closeout or class reduction.	<ol style="list-style-type: none">9. Recommend placing milk animals within 10 miles on stored feed and assess need to extend distance.10. Provide press briefings, perhaps with licensee.11. Maintain general emergency status until closeout or reduction of emergency class.

ANNEX A

DIRECTION AND CONTROL

- A. Overall direction and control of emergency operations will be coordinated from the Berks County Emergency Operations Center (EOC), located in the Berks County Agricultural Center, R.D. #1, Leesport, Pennsylvania. The Center is organized, equipped and staffed, when augmented by mobilized emergency personnel (reference Appendix 1, Basic Plan and Appendix 1 this Annex) to maintain 24-hour operations for an extended period. The Berks County Emergency Management Agency Director is responsible for ensuring that the EOC is at all times capable of being operated on a protracted 24-hour basis.
- B. Key operations personnel will be alerted by the Berks County Emergency Management Agency Director in the event of an incident at the Limerick Generating Station which could affect the safety of the citizens of Berks County (reference Appendix 1, Berks County Emergency Management Agency EOC Personnel).
- C. The EOC is also the location of the Berks County Emergency Communications Center which provides central dispatch, with some exceptions, for fire, police and ambulance services within the county (reference Annex B).
- D. The Berks County Commissioners have the responsibility for the safety and protection of the public within Berks County. The Berks County Emergency Management Agency Director is under the direction and control of the County Commissioners as are all county departments and agencies.
- E. The Berks County EMA Director, under the direction and control of the Berks County Commissioners, is responsible for assuring the continuity of resources (technical, administrative, and material) required to implement this RERP.
- F. Berks County will not have a representative at the Limerick Emergency Operations Facility (EOF).

APPENDIX:

- A-1. Roster of EOC Personnel

APPENDIX A-1

BERKS COUNTY EMERGENCY MANAGEMENT AGENCY

EOC PERSONNEL

COUNTY COMMISSIONERS

Donald Bagenstose, Chairman

OFFICE

375-6121
ext. 269

HOME

Anthony J. Carabello

375-6121
ext. 271

Vernon K. Shaffer

375-6121
ext. 270

EMA STAFF

Robert L. Reber, Director

374-4800

James Mountz

374-4800

James Knight

374-4800

PUBLIC INFORMATION

Vernon K. Shaffer

375-6121
ext. 270

Ronald R. Seaman, Deputy

375-6121

POLICE

Joseph H. Kramer, Sheriff

375-6121
ext. 232

Ed Sherman, Chief Deputy

375-6121
ext. 261

FIRE

William Campbell, County Coordinator

375-6121
ext. 255

Sterling Withers

375-8482

NOTE: Telephone numbers are reviewed and updated quarterly.

OFFICE

HOME

MEDICAL

Dr. Linwood Keller
Ed R. Houp

376-4841
373-7978



CARE/WELFARE

Carl Egan (RC)¹
Barry White (RC)¹
Peter M. Goda, (RC)¹
Barry Wilson (SA)²

375-4383
375-4383
372-8917
373-5208



MUNICIPAL LIAISON

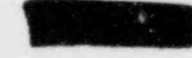
Fay Sallack

375-6121
ext. 230



[Redacted] noblauch

375-6121
ext. 231



RADIOLOGICAL

John W. Zitrack
Dr. Roderick Horning

371-5344
582-8765



SCHOOL SERVICES

Dr. Francis Deitrich
Dr. James Goodhart

779-7111 ext. 210
779-7111



¹ Berks County Chapter, American Red Cross
² Salvation Army

OFFICE

HOME

PUBLIC WORKS

[REDACTED] aver

375-6121
ext. 220

[REDACTED]

[REDACTED] Pam Wescott

375-6121
ext. 220

[REDACTED]

TRANSPORTATION

Gerald Larish (BART^A)³
Roger Hertz (BCIU)⁴
Frank Borkey (PENNDOT)
James C. Burns (TEAMSTERS)

921-0604
779-7111
929-0766
374-2165

[REDACTED]

CIVIL SERVICES

William J. Armstrong, Jr. (UGI)
Michael A. Fink (UGI)
[REDACTED] Grant, Sr. (Met Ed)
[REDACTED] Bolick (Met Ed)
[REDACTED] Schofer (P P, & L)
[REDACTED] [REDACTED] (P P, & L)
Thomas [REDACTED] Campisano (Bell)

378-1331
378-1331
929-3601
929-3601
678-7790
678-7790
376-9914

[REDACTED]

USDA FOOD AND AGRICULTURE COUNCIL

[REDACTED] Bohn, Jr., Director
Duane Pysher

372-4655
372-4655

[REDACTED]

CIVIL AIR PATROL

Capt. Ronald Szurgot
Lt. Henry C. Borchardt
Lt. Col. Merritt Derr

1-326-2000 ext. 326
375-4736
375-4736

[REDACTED]

³ Berks Area Transit Authority
⁴ Berks County Intermediate Unit

OFFICEHOMEMILITARY

[REDACTED] William Stain (USMC)
 Lt. Edward Guthrie (USN)
 Thomas P. Allen (USAR)
 [REDACTED] Col. William A. Hoffman (PNG)

333-1607
 378-0164
 921-0321
 378-4330

OPERATIONS

Walter F. Shugar

777-7811

COMMUNICATIONS

[REDACTED] Edward E. Pullin, Jr.
 Craig Breneiser

378-5514
 378-5508

PAGES

[REDACTED] D. Ulena
 [REDACTED] Edward E. Ahrens
 [REDACTED] Sam F. Ader
 [REDACTED] T. Forry
 [REDACTED] S. Youngberg

372-4711
 929-7011
 373-4221
 373-4291
 --

REACT

[REDACTED] d R. Miller, Sr.
 [REDACTED] d R. Miller, Jr.

--
 --

MESSENGERS

[REDACTED] (CAP Commander)

CENTRAL RESOURCES RECEIVING POINT MANAGER

James Knight
 Tim O'Donnell

374-4800
 373-4304



ANNEX B
COMMUNICATIONS

I. PURPOSE

To identify the communications systems, facilities and procedures to be used in support of the Berks County response to an incident at the Limerick Generating Station.

II. RESPONSIBILITY

- A. In the event of a radiological emergency, the Director of the Berks County Emergency Management Agency has overall responsibility for the County Communications Center. The Berks County Director of Communications will be responsible for the operations of the communications center and supervision of personnel.
- B. In the event of a breakdown in communications between PEMA and the Limerick Generating Station, Montgomery County as the parent county will assume PEMA's role and serve as the source of information from Limerick to the Berks and Chester County Emergency Management Agencies until such time as communications are re-established.

III. SITUATION

- A. The Berks County Communications Center, operating on a 24-hour per day basis, will maintain communications with the following agencies and departments in the implementation of this radiological emergency response plan:
 - 1. Fire companies serving the Berks County sector of the plume exposure pathway EPZ.
 - 2. All Berks County ambulance services.
 - 3. Police departments serving the plume exposure pathway EPZ.
 - 4. The designated Emergency Broadcast System (EBS) station (WHUM-1240 AM) through a remote pick up unit (RPU) located in the EOC.
 - 5. Radio Amateur Civil Emergency Services (RACES) units.
 - 6. Civil Air Patrol (CAP) units.
 - 7. Radio Emergency Associated Citizen's Team (REACT) units.
 - 8. Municipal governments located within the plume exposure pathway EPZ.
 - 9. Contiguous risk counties (Chester and Montgomery).
 - 10. Pennsylvania State Police.

11. American Red Cross, Berks County Chapter.
 12. Pennsylvania Emergency Management Agency (PEMA).
 13. The Limerick Generating Station.
- B. Any required communications with State or Federal agencies will be handled through PEMA.

IV. CONCEPT OF OPERATIONS

- A. The regular communications staff will be augmented by qualified volunteers as deemed appropriate by the communications officer. The Berks County Emergency Communications Center is capable of 24-hour per day operations over an extended period.
- B. Berks County control, located in the county EUC, will transmounty sector of the plume exposure pathway EPZ.
1. All Berks County ambulance services.
 2. Police departments serving the plume exposure pathway EPZ.
 3. The designated Emergency Broadcast System (EBS) station (WHUM-1240 AM) through a remote pick up unit (RPU) located in the EUC.
 4. Radio Amateur Civil Emergency Services (RACES) units.
 5. Civil Air Patrol (CAP) units.
 6. Radio Emergency Associated Citizen's Team (REACT) units.
 7. Municipal governments located within the plume exposure pathway EPZ.
 8. Contiguous risk counties (Chester and Montgomery).
 10. Pennsylvania State Police.
 11. American Red Cross, Berks County Chapter.
 12. Pennsylvania Emergency Management Agency (PEMA).
 13. The Limerick Generating Station.
- C. Any required communications with State or Federal agencies will be handled through PEMA.

V. CONCEPT OF OPERATIONS

- A. The regular communications staff will be augmented by qualified volunteers as deemed appropriate by the communications officer. The Berks County EMA is capable of 24-hour per day operations over an extended period.

1. UNUSUAL EVENT

- a. Incoming message is logged on appropriate form. (reference Appendix B-3).
- b. Backup emergency services are dispatched to the Limerick facility if requested by Montgomery County.
- c. The Berks County EMA Director is notified.

2. ALERT

- a. Same actions as for UNUSUAL EVENT.
- b. The Communications Center Director is notified and reports to the EUC.
- c. Notifications sequence is initiated by Communications Center personnel as directed by the EMA Director or his designee.
- d. Berks County Sheriff's Department is dispatched to the Berks County EOC to pick up dosimetry and radioprotective drugs for delivery to municipalities located within the plume exposure pathway EPZ.
- e. RACES communications net is activated and units available determined. RACES units are dispatched to risk municipality EOC's.
- f. Communications links with contiguous counties and other risk counties are tested.
- g. Communications center personnel assist as directed by the EMA Director in activating the public alert system, where indicated.

3. SITE EMERGENCY

- a. Same actions as for ALERT.
- b. Additional communications center staff are mobilized as needed to maintain coverage.
- c. Additional RACES units are mobilized and assigned as directed.

4. GENERAL EMERGENCY

- a. Same actions as for SITE EMERGENCY.
- b. Communications are maintained with emergency workers as directed.

V. Testing

The following is a schedule for testing communications circuits:

1. County fire, police, ambulance - tested daily by normal public safety use.
2. RACES - tested weekly.
3. Teletype - tested daily.
4. Telephones - tested daily.

APPENDICES

- B-1 Berks County Communications System Capabilities
- B-2 Berks County RACES/REACT Resources

APPENDIX B-1

COMMUNICATIONS CAPABILITIES

1. Police Communications Network

The County maintains direct communications with 42 municipal police departments, and the State Police (PSP serves 33 additional municipalities).

2. Fire Communications Network

The County is capable of direct communications with all 76 fire departments in the County.

3. Emergency Medical Communications Network

The County maintains direct communications with 21 ambulance associations.

4. County Emergency Preparedness Communications System/PEMA/FEMA

a. PEMA

Telephone: Listed telephone with Headquarters/Eastern Area.

Teletype: State Network through Eastern Area.

Amateur: 75M transceiver for communication with Headquarters/Eastern Area.

PEMARS UHF System: Pennsylvania Emergency Management Agency Radio System is comprised of twenty (20) UHF "remote/repeaters" prepositioned at various locations throughout the Commonwealth. Mobile and/or fixed stations, operating within radio coverage range of these repeaters, may intercommunicate on routine or emergency matters.

b. FEMA

All communications with the Federal Government is through PEMA.

c. Emergency Communications - RERP

Telephone: Thirteen pre-existing hardwired telephone lines for EUC staff positions are on standby service and activated when needed to expand existing telephone network.

Automatic Dialer: Computer assisted recorded or live telephone notification and acknowledgement to notify EUC staff and affected organizations.

Radio: Normal public safety radio network enhanced with additional telecommunications personnel as needed.

- d. Emergency Broadcast System Station
 - Telephone: Commercial telephone with unlisted commercial back-up.
 - Radio: Remote pick-up unit (RPU) to county primary EBS station.
5. RACES Communications Network

2M and 6M transceivers and portables for communications with designated RACES volunteers. Repeater access for county coverage. RACES can also operate teletype equipment and complete telephone patch to commercial network.
6. Citizen Band Communications (REACT) Network

Two (2) CB base stations and CB portables for communications with designated volunteers.
7. Limerick Generating Station Incident Notification System

The incident notification system includes Limerick Generating Station off-premises extensions located in the Berks County Communications Center, the EMA Director's Office, and in the EUC. This system permits simultaneous notification or conferencing among the three risk counties, EUC, Limerick Generating Station, PEMA, and BRP.
8. Citizen Access
 - A. Administration

The EMA maintains two unlisted department numbers and one listed number.
 - B. Rumor Control

One (1) unlisted telephone line permanently in service.
 - C. EMA Emergency Operations

The administrative telephone system includes a published office number plus two (2) unlisted telephone lines for the EMA Director. Thirteen (13) telephone lines on suspended service, requiring central office activation (with instrument storage at the EUC) are provided for EUC staff. An automatic dialer can be accessed to facilitate RERP component organization notification via live or pre-recorded messages.
9. Other Risk and Support Counties

Communications with Chester and Montgomery Counties is by commercial telephone, RACES and/or EMA UHF System.

Communications with Lehigh County is by commercial telephone, RACES and/or EMA UHF System.

10. Staff Notification

A computer assisted telephone notification and acknowledgement system (automatic dialer) is maintained to notify EUC staff and support organizations. Telephone numbers are updated quarterly.

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

APPENDIX B-2

BERKS COUNTY RACES/REACT RESOURCES

I. READING REACT TEAM INC.

Company Commander: Unit #57 Harold Miller, Jr.
233 S. 10th Street
Reading, PA 19601
[REDACTED]

Deputy Commander: Unit #81 Harlan Kauffman
601 S. 19th Street
Reading, PA 19606
[REDACTED]

Members:

Unit #8 Alfred Petracavage
111 Wood Lane
Jackson Meadows
Reading, PA 19606
[REDACTED]

Unit #44 Peg Hoffman
1748 Center Avenue
Reading, PA 19601
[REDACTED]

Unit #23 Scott Neheimer
Box #172, R. D. #2
Birdsboro, PA 19508
[REDACTED]

Unit #51 Raymond Smith
81 Reed Street
Mohnton, PA 19540
[REDACTED]

Unit #25 Keith Bortz
850 Carsonia Avenue
Apt. #A-307
Reading, PA 19606
[REDACTED]

Unit #54 Robert Herschberger
619 Clinton Street
Reading, PA 19601
[REDACTED]

Unit #27 Terry Miller
110 Exeter Street
Reading, PA 19601
[REDACTED]

Unit #58 Ronald Ernecl
929 Penn Avenue
Wyomissing, PA 19610
[REDACTED]

Unit #28 Donald Raifsnyder, Jr.
3511 Cray Street
Laureldale, PA 19605
[REDACTED]

Unit #31 Roland Kothenberger
409 Penn Avenue
Hyde Park
Reading, PA 19605
[REDACTED]

Unit #30 George Schrieber
218 Hudson Street
Reading, PA 19601
[REDACTED]

Unit #37 LeRoy Sheidy
4205 Baum Place
Temple, PA 19560
[REDACTED]

NOTE: Telephone numbers are reviewed and updated quarterly.

Unit #38 Linda Schriber
218 Hudson Street.
Reading, PA 19601
[REDACTED]

Unit #66 Robert Rymshaw
1016 N. 11th Street
Reading, PA 19604
[REDACTED]

Unit #67 Lawrence Gehard
110 Community Drive
Shillington, PA 19607
[REDACTED]

Unit # [REDACTED] William Huston
816 Huyett Street
Mohnton, PA 19540
Phone # not available
[REDACTED]

Unit #62 Mary Ruskiewicz
617 Clinton Street
Reading, PA 19601
Phone # not available
[REDACTED]

Unit #75 Emily Huston
816 Huyett Street
Mohnton, PA 19540
Phone # not available
[REDACTED]

Unit #76 Harold Miller, Sr.
233 S. 10th Street
Reading, PA 19602
[REDACTED]

Unit # [REDACTED] Donald Ruskiewicz
617 Clinton Street
Reading, PA 19601
Phone # not available
[REDACTED]

II. READING RADIO CLUB

WA3ZIV Abramowicz, Mark P.
610 N. 26th Street
Reading, PA 19606
[REDACTED]

WA3GTR Ader, F. William
217 North Waverly Street
Shillington, PA 19607
[REDACTED]

W3WJC Ahrens, Richard E.
771 Beach Street
Reading, PA 19605
[REDACTED]

WA3ZGL Albright, John
560 Friedensburg R.
Reading, PA 19606
[REDACTED]

WB3FPA Althouse, Robert
611 State Street
Hamburg, PA 19526
[REDACTED]

KA3AXF Angstadt, R. Barry
500 Marshall Drive
Reading, PA 19607
[REDACTED]

K3PSX Auchenbach, Arthur W.
Rt. 1 #1, Box 37A3b
East Wood Mobile Hm Cnt.
Reinholds, PA 17569
[REDACTED]

WB3ABT Bachman, Nevin R.
364 Northmont Avenue
Hamburg, PA 19526
[REDACTED]

W3GWX Bailey, Ralph L.
P. O. Box 218
Reinholds, PA 17569
[REDACTED]

W3WX Baldauf, Gerard A.
175 Wernerville Blvd.
Wernerville, PA
[REDACTED]

WB3FZS Balkcom, Thomas W.
[REDACTED] #8020
Spring Spring, PA 19608
[REDACTED]

AE3U Berthinet, Paul A.
44 Church Street
Mohnton, PA 19540
[REDACTED]

W3HUT Angstadt, Harold F.
3213 Noble Street
Laureldale, PA 19605

K3PZS Blackwell, Max N.
110 1
Wernersville, PA 19565

Blankenbiller, Lester I.
P. D. #1
Leesport, PA 19533

WA3UCG Bortz, Marvin K.
347 Ashley Drive, Pk Manor
Reading, PA 19607

WA3CUQ Boyer, Donald C.
337 E. Main Street
Kutztown, PA 19530

W3UQC Brailer, Albert J.
418 Woodward Street
Reading, PA 19601

WA3MB [redacted] t, Paul H.
1023 Spruce Street
Reading, PA 19602

KA3DMM [redacted] er, Peter E.
1047 Amity Street
Reading, PA 19605

WA3ET [redacted] rooke, Harry L.
761 North Church Street
Mohnton, PA 19540

K3UDW Bubp, Charles F.
414 S. 10th Street
Reading, PA 19602

N3AQL Bukowski, Ronald S.
525 Amherst Avenue
Reading, PA 19609

WB3CBG Bullard, David P.
782 St. John Road
Hambury, PA 19526

WB3AEP Burr, Walter
537 Spring Street
Reading, PA 19601

N3BB [redacted] uci, Peter T.

WA3JX [redacted] stian, Dudley B.
R. D. #1, Box 373
Temple, PA 19560

WA3NDU Ciotti, Henry L.
3522 W. Kent Avenue
Laureldale, PA 19605

WB3B [redacted] uss, Donald D.
Old Route 22 #1
Lenhartsville, PA 19534

W3ML [redacted] rran, James F.
831 Bellevue Avenue
Laureldale, PA 19605

K3PCX	Brownmiller, Charles W. R. D. #1, Box 138A Robesonia, PA 19551		Cook, Ralph W. III 1904 Van Reed Rd., Apt. G-30 Wyomissing, PA 19610
	[REDACTED]		[REDACTED]
	[REDACTED]		Deysner, David G. R. D. #3429 [REDACTED] Wood, PA 19522
K3LNL	Crosby, Charles H. R. D. #3, Box 472 [REDACTED] Turnpike Rd. Reading, PA 19606	W3EQF	Diener, Walter M. R. D. #2 [REDACTED] Massville, PA 19518
KA3DSY	Crosby, Dorothy R. [REDACTED] Address as above)	K3CXR	DiGuardi, Patrick W. [REDACTED] Reading Ave. West Lawn, PA 19609
W3GUX	Crownover, Joseph C. 1400 Liggett Avenue Reading, PA 19607		[REDACTED]
WA3XS	Gwynar, Donald T. 3900 Royena Avenue Reading, PA 19605	WA3SPJ	Dobbs, Stephen M. [REDACTED] Spring Street Reading, PA 19601
	[REDACTED]		[REDACTED]
K3ULY	Damato, Nicholas A. 434 Binyamen Court Reading, PA 19602	KA3AXG	Dougllass, Russell L. [REDACTED] Beech Street Pottstown, PA 19464
	[REDACTED]		[REDACTED]
W3UCA	Davidson, Lamar F. Wanners Road, Box 1888C R. D. #4 [REDACTED], PA 19606	AD3D	Eidam, John M. [REDACTED] Friedensbury Road Reading, PA 19606
	[REDACTED]		[REDACTED]
K3EUH	Deangelo, Louis 818 North Twelfth Street [REDACTED], PA 19604	KA3DPU	Ernst, Ralph P. [REDACTED] 26 Hambury, PA 19526
	[REDACTED]		[REDACTED]
WB4UKU	Decher, Peter H. 115 W. 35th Street Reading, PA 19606	K3MGU	Esseluhn, W. Frank [REDACTED] Birchwood Road Wyomissing, PA 19610
	[REDACTED]		[REDACTED]
WB3KCD	DeFrees, Edward J. 3916 Romig Avenue Reiffton, PA 19606	K3KUC	Faetche, James E. 1 Browns Lane Box 1, R. D. #3 Birdsboro, PA 19508
	[REDACTED]		[REDACTED]

WB3FYL Devine, Daniel J.
P. O. Box 63
Dauberville, PA 19517

N3AMY [REDACTED] David H.
Box 111, R. D. #3
Birdsboro, PA 19508

WB3EPH [REDACTED] John T.
204 Cathy Ann Drive
Reading, PA 19606

W3CDS [REDACTED] Frederick, Russell W.
216 Friedensburg Road
Reading, PA 19606

K3CBE [REDACTED] Freeman, John J.
R. D. #1, Box 776C
Reading, PA 19607

KA3DMN [REDACTED] [REDACTED], Richard H.
3822 Montrose Street
Laureldale, PA 19605

[REDACTED] [REDACTED] Gerard J.
[REDACTED] Commander Avenue
Reading, PA 19606

[REDACTED] [REDACTED], Charles F.
1256 Mulberry Street
Reading, PA 19604

N3BQZ [REDACTED] [REDACTED], Carl A.
[REDACTED] Fox Run
Reading, PA 19606

W3ULG [REDACTED] [REDACTED], Arthur J.
[REDACTED] #3, Box 313
Bernville, PA 19506

KA3ARU [REDACTED] Garlin, Wilbur N.
[REDACTED] #3, Box 140B
[REDACTED] [REDACTED], PA 19565

W3BHE [REDACTED] Fegley, Richard R.
1238 Pike Street
Reading, PA 19604

KA3BHQ [REDACTED] Genevish, Jesse T.
1701 Bern Rd., Apt. 46
Wyomissing, PA 19610

WB3UXP [REDACTED] Gibilisco, Robert C.
327 W. Summit Street
Mohnton, PA 19540

W3KNY [REDACTED] [REDACTED] Horace D.
[REDACTED] North Fifth Street
Reading, PA 19601

KA3AXE [REDACTED] Goretski, Rudolph
26 S. 22nd Street
Mt. Penn, PA 19606

W3BHS [REDACTED] Gurtowski, Edward A.
1452 Kenhorst Blvd.
Reading, PA 19607

W3BUL [REDACTED] Hackerty, Harry M.
610 North Temple Blvd.
Temple, PA 19560

WA3VUE [REDACTED] Hafer, Gary R.
1447 Moss Street
Reading, PA 19604

WB3HYX [REDACTED] Hafer, Richard P.
1447 Moss Street
Reading, PA 19604

KA3DMP [REDACTED] Helm, George D.
705 Main Avenue
Reading, PA 19605

K3JYN [REDACTED] Herbein, Robert S.
2404 Garden Lane
Whitfield, PA 19609

W3JQY Genman, Lester W.
R. D. #2, Box 669
Mohnton, PA 19540

KA3AXH Hilborn, Clarence L.
217 Kemp Road
Pottstown, PA 19464

WB3AAK Hill, David W.
R. D. #1, Box 122
Herb Road
Temple, PA 19560

W3TEG Hodgkins, James K.
R. D. #2, Box 242
Mohnton, PA 19540

W3VBY Hoffman, Harry W.
104 Evans Avenue
Sinking Spring, PA 19608

WA3LOY Hoffman, Lester S.
435 Fairview Avenue
Hyde Villa
Reading, PA 19605

K3BFA Hummel, Charles W.
222 Keats Drive
Sinking Spring, PA 19608

K3HIU Jensen, Robert B.
8 Heather Lane
Shillington, PA 19601

K3KCX Johnson, Everett C.
167 Miller Drive
Sinking Spring, PA 19608

WA3FSL Kennedy, Edward F.
502 South Sterley St.
Shillington, PA 19607

WB3CAC Lamm, Russell N.
R. D. #3, Hospital Road
Wernersville, PA 19565

W3WNS Laser, Filbert R.
503 Kutz Court
Reading, PA 19609

WB3PPM Leiby, Richard F.
R. D. #1, Box 459
Mahlon Drive
Leesport, PA 19533

WB8IWJ Lewis, Randolph
8 Carlisle Drive
W. Lawn, PA 19609

KA3DSX Light, Randall G.
300 W. Douglass St.
Reading, PA 19601

KA3DMU Loughman, Robert E.
512 Elsie Street
Shillington, PA 19607

KA3ARQ Luigard, G. Richard
1303 N. 13th Street
Reading, PA 19604

KA3GCL Manegold, John V.
740 Thorn Street
Reading, PA 19601

K3VER Kohl, Barry N.
R. D. 3122
Fleetwood, PA 19522

WA3MYZ Marabella, Salvatore D.
1434 Muhlenberg Street
Reading, PA

K3DUD McCreary, Charles A.
R. D. #1, Box 611
Reading, PA 18011

WB3FJU McKinney, Larry M.
424 Grant Road
Adamstown, PA 19501

K3ATU Messer, Harold R.
840 Floret Avenue
Reading, PA 19605

WA3EBP Meyers, George
214 Wyomissing Blvd.
Wyomissing, PA 19610

KA3AXN Miller, Donald F.
Dryville Rd., R. D. 1116
Fleetwood, PA 19522

W3HAX Miller, Edgar O
23 East 34th Street
Reiffton,
Reading, PA 19606

KA3BMU Miller, James A.
1029 Robeson Street
Reading, PA 19604

K3LEY Mohan, Vincent E.
942 Moss Street
Reading, PA 19604

KA3HJT Manegold, Linda A.
740 Thorn Street
Reading, PA 19601

WB3DWR Morasky, Frank W.
E. Pine Street
Box 159A, R. D. #2
Reading, PA 19526

W3AHF Naftzinger, Paul F.
2218 Burkey Dr
Wyomissing, PA 19610

WV3AWA Ubold, Charles E.
312 Amherst Avenue
Reading, PA 19609

WB3BPX U'Brien, Thomas J.
2201 Fairview St.
West Lawn, PA 19609

KA3CWH Ochs, William F.
4935 8th Avenue
Temple, PA 19560

WB3FPL Orena, Eric D.
R. D. #2, Box 334
Mohnton, PA 19540

WA3HRL Parise, Anthony A.
204 West Douglass St.
Reading, PA 19601

WB3DSV Paskos, Philip A.
508 Boeing Avenue
Reading, PA 19601

[REDACTED]
 K3ALQ Rachlin, Samuel
 1728 North Sixteenth St.
 Reading, PA 19604
 [REDACTED]

WB3BPY Reber, Ben F.
 202 Hancock Blvd.,
 Reading, PA 19611
 [REDACTED]

W3UQH Redline, Duane C.
 R. D. 1251
 Fleetwood, PA 19522
 [REDACTED]

WB3BPW Reinoehi, Robert R.
 222 4th Street
 Shoemakersville, PA
 [REDACTED]

N3ADX Rhoads, George H.
 R. D. #1, Box 215B
 Birdsboro, PA 19508
 [REDACTED]

KA3DSW Riegel, Kent E.
 R. D. #1, Box 133K
 Mohnsville, PA 19541
 [REDACTED]

W3EYN Ringler, Steward J.
 121 South Eleventh St.
 Reading, PA 19602
 [REDACTED]

WA3TIU Rittenhouse, Paul S.
 Apt. 303A, Pershing Blvd.
 Reading, PA 19607
 [REDACTED]

WA3TPX [REDACTED] berg, Melvin L.
 1009 Birch Street
 Reading, PA 19604
 [REDACTED]

W3RP Plummer, Robert D.
 R. D. #1, Box 45A
 Robesonia, PA 19551
 [REDACTED]

WA3JTN Rosser, Ronald J.
 812 Penndale Avenue
 Pennside
 [REDACTED] ny, PA 19606
 [REDACTED]

Rosser, William M.
 502 Mt. Laurel Avenue
 [REDACTED] PA 19560
 [REDACTED]

K3SZG Rothermel, Edward N.
 3712 Rosewood Road
 [REDACTED] PA 19605
 [REDACTED]

W3TEV Sallett, Alphonse A.
 913 Brighton Avenue
 [REDACTED] de
 Reading, PA 19606
 [REDACTED]

K3SWL Schearer, David, J.
 [REDACTED] reichart Avenue
 Hyde Park,
 Reading, PA 19605
 [REDACTED]

W3MB [REDACTED] rer, Harold E.
 53 Crestmont Street
 Reading, PA 19602
 [REDACTED]

W3DEL Scholl, Paul M.
 [REDACTED] Willo Grove Avenue
 Reading, PA 19604
 [REDACTED]

WA3MAU Schwartz, William G.
 [REDACTED] Brighton Ave. Pennside
 Reading, PA 19606
 [REDACTED]

WB3HMB Shaaber, Stephen N.
 [REDACTED] 833b
 Chapel Hill Road
 Sinkiny Spriny, PA 19608
 [REDACTED]

WB3FPK Rosser, Janis L.
502 Mt. Laurel Avenue
Temple, PA 19560

WA3WRB Sheidy, Leroy
4205 Baum Place
Temple, PA 19560

K3LS Shepherd, Larry D.
349 South Miller St.
Shillington, PA 19607

N3ARI Stragy, Kenneth R.
531 McKnight Street
Reading, PA 19601

W3SLA Smith, Kenneth E.
1236 Parkside Drive South
Reading, PA 19611

WA3KBH Smith, James F.
1540 Argonne Road
Reading, PA 19601

K3AVX Stefanick, Joseph J.
Spruce Street
Reading, PA 19602

K3WUN Stetzler, Leon A.
#2, Box 1375
Mountain St.
Hamburg, PA 19526

K3SGP Stens, Ronald J.
Apple Drive
Reading, PA 19606

WA3EVQ Sturmer, Warren E.
R. #4353
Fleetwood, PA 19522

K3FUC Sturgis, Correll
Butter St.
Reading, PA 19601

WA3UDU Sharkey, Robert G.
326 Owl Hill Road
Lititz, PA

WA3SCC Thompson, John W.
428 Uley Street
Wyomissing, PA 19610

K3FXB Ulmer, Scott
69 Wedge Lane
Reading, PA 19607

K3BUM Urban, Walter A.
190 Valleybrook Drive
Lancaster, PA 17601

WA3RTY VanKaay, Norman E.
314 Woodside Avenue
West Lawn, PA 19609

W3GII Wagner, Robert P.
1520 Haak Street
Reading, PA 19602

WB3CVK Warker, John N.
514 Dorchester Avenue
West Lawn, PA 19609

WB3CNN Weber, John M.
3013 Merritt Parkway
Sinking Spring, PA 19608

W3HPD Weidner, Harry C.
715 Penn Avenue
Reading, PA 19611

W3VUF Wentzel, Lee S.
613 Byram Street, Pennside
Reading, PA 19606

KA3BRX Wert, Robert A.
#6
Sinking Spring, PA 19608

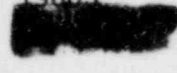
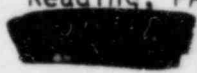
K3KJQ	Swavely, Robert S. 103 Lee Avenue Shillington, PA 19607 [REDACTED]	K3NW	Williams, Norman A. R. D. #4, Box 290-A-1 Fleetwood, PA 19522 [REDACTED]
WA4SOF	Wohlgemuth, Warren J. Golf Course Road R. D. #1, Box 68 Birdsboro, PA 19508 [REDACTED]	W3GWY	Zember, Wilmer J. Box 780, R. D. #1 Leesport, PA 19533 [REDACTED]
W3DMM	Yeich, Donald F. 401 Madison [REDACTED] Shillington, PA 19607 [REDACTED]	K3WGR	Zimmerman, Allen J. R. D. #1, Box 220 Wernersville, PA 19565 [REDACTED]
KA3DMS	Yokitis, Mike J. 129 Spohn Road Sinking Spring, PA 19608 [REDACTED]		

II. DANIEL BOONE REACT

President:	KFB5873	Donald B. Raifsnyder, Jr. 1103 Green Street Reading, PA 19604 [REDACTED]
Secretary:	KFB5873	Susan Raifsnyder (same address as above)
Vice-President:	KHZ4918	Paul Southworth 109 A Colonial Drive Shillington, PA [REDACTED]
	KHZ4918	Beth Southworth (same as above)
	KGW2856	Gregory L. Brensinger 850 Carsonia Avenue Reading, PA 19606 [REDACTED]
	KRH611	Robert E. Hartley, Jr. 933 A Patton Avenue Reading, PA 19611
	KSE4102	Frederick J. Larshe 630 Washington St. Allentown, PA 18102 [REDACTED]

KNE7187

Deborah E. Bahlinger
P. O. Box 1481
Reading, PA 19603



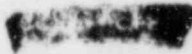
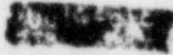
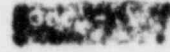
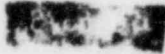
KNE7187

Dave Seibert
(same as above)



KRT7967

Dean A. Raifsnnyder
1976 County S
Laureldale, PA 19605



ANNEX C

ALERT/NOTIFICATION

I. PURPOSE

To establish procedures, identify tasks and designate responsibilities for alerting emergency management personnel at county and municipal levels, alerting schools and special facilities, and to establish a system for the provision of alert and notification to the population residing within the Berks County portion of the Limerick plume exposure pathway EPZ.

II. RESPONSIBILITIES

- A. The Limerick Generating Station has the capability to notify all risk counties and PEMA, via off-premises extension, in the event of an incident. Notifications of each incident classification will be provided to Berks County via this system. PEMA is the primary source of information and guidance concerning Berks County's actions to be taken in the event of an incident at Limerick.
- B. The Director of the Berks County Emergency Management Agency has the overall responsibility for the alert and notification of emergency personnel, school districts, special facilities and the general public within the plume exposure pathway EPZ. The Director of the Berks County Emergency Management Agency, in consultation with PEMA, is responsible for the activation of the public alert and emergency broadcast systems. Municipal emergency management directors are responsible for ensuring that route alerting, as a supplementary alert procedure, is conducted where necessary.
- C. The Philadelphia Electric Company is responsible for installing and maintaining a public alert system throughout the plume exposure pathway EPZ.

III. PUBLIC ALERT/NOTIFICATION SYSTEM

The primary Berks County public alert system for the Limerick Generating Station consists of 23 high output electro mechanical sirens strategically situated throughout the Berks County portion of the plume exposure pathway emergency planning zone. These sirens, which are remotely controlled by the County Emergency Management Agency, are the audible signal for the public to tune to the local Emergency Broadcast System stations for information. The siren system is an attention getting signal. It is not an evacuation alarm.

The public alert system will be activated whenever there is a need to inform the public of any significant change of plant status or when the public must be informed of a protective action. Any activation of the system will be coordinated with the Pennsylvania Emergency Management Agency (PEMA). Each siren site is a separate and distinct address. Therefore, it is possible to activate one or all of the sirens in the

county. To activate all of the sirens within the EPZ, the three risk counties must coordinate their activation. This coordination will be arranged through the Pennsylvania Emergency Management Agency.

The selectivity of sites is obtained by the use of an interactive (two-way) digitally coded status and control unit for each siren. This type of control unit uses a 32-piece or "bit" word to command a response. Each of the three counties has a central control point which sends the digital command word or words to the siren sites of that county. The siren sites receive the digital signal, verify the data and then react accordingly. Additionally, upon receipt of the command or when "interrogated" by the central control station, the sites respond with status data to indicate an acknowledgement of the command, report siren activation or malfunction and any power failure.

Each siren is equipped to provide the capability of sounding the steady three to five minute "Alert" signal (this will be the tone used for the Limerick Public Alert) and the rising/falling wail or "Attack" signal. For testing purposes, "growl" and "silent" tests are available. A special "time-out" timer is included to prevent a siren from functioning for more than eight minutes.

The activation control point for this system is located within the Berks County communications center which is manned and operational on a 24-hour basis each day of the year. Activation information is passed from the county control point to a VHF-FM digital base station radio via computer conditioned telephone lines. The base station is located centrally within the EPZ. A back-up base station is also available. The three counties share the single base station; however, due to the short time duration needed to send the activation signal (2 seconds per county) a conflict or delay is not anticipated. Each of the siren remote controllers transmits a digital signal to the base station to be interpreted by the central control point for status information. Siren activation, siren failure, power failure, etc., is reported for display on the county computer screen, printer and magnetic disk log.

In the event of any system failures, the siren site will relay a message to the central control point of the specific county. The failure will be displayed on the video terminal and printed in hard copy by the printer. Berks County will then, in conjunction with the affected municipality(ies), ensure the dispatch of appropriate route alerting teams.

Route alerting has been developed as a supplement to the public alert system and is implemented as necessary in the event of public alert system failure. Route alerting is to be accomplished by pre-designated alert teams travelling pre-designated routes announcing that there is an emergency at the Limerick Generating Station and that individuals should tune to an EBS station, and is a municipal responsibility. Detail on the route alerting system, assignments and routes can be found in Appendix C-6 and Annex E of this plan.

IV. MESSAGE VERIFICATION

- A. Verification of incident notifications shall be made by the Berks County Communications Center via telephone to the source of the notification in accordance with standard operating procedures.

- B. When incident notifications are received by communications center personnel, they shall acknowledge receipt of message and officially log the information on the Incident Notification Form (Appendix C-3). Telephone messages shall include the name and identification of the individual calling, together with a telephone number to which a return telephone call can be made for verification.
- C. This information shall be immediately furnished to the Berks County EMA Director, and others as provided for in Appendix C-2.
- D. All other emergency personnel should verify notifications/messages in accordance with appropriate agency procedures.

V. CONCEPT OF OPERATIONS

Berks County will base its alert/notification response actions to an incident at the Limerick Generating Station upon the specific incident classification in effect.

A. Unusual Event

1. The Berks County EMA Director is notified. If unavailable, the director of the Berks County Communications Center is notified.

d. Alert

1. Alert/notifications for Unusual Event are completed.
2. The Berks County Commissioners are notified.
3. Municipal emergency management coordinators and fire, police and ambulance services serving the plume exposure pathway EPZ are notified.
4. All EUC staff are notified and selected personnel (to be determined by the EMA Director) mobilized.
5. The Berks County Chapter of the American Red Cross is notified and advised.
6. The primary EBS station is notified.
7. EMA field staff are notified and placed on standby.
8. The School Services Officer notifies school districts and private schools located within the plume exposure pathway EPZ.
9. RACES personnel are notified and placed on standby status.
10. Utilities, state and federal parks and major industries within the plume exposure pathway EPZ are notified. (Reference Annex X)

11. Transportation systems (i.e., bus, rail and air) and transportation staying areas are notified. (Reference Annex I)
12. If directed by PEMA, the public alert system is activated at the pre-designated time, and the designated EBS station is directed to commence appropriate messages.
13. Route alert teams are mobilized as necessary.

C. Site Emergency

1. Alert/notifications for Alert are completed.
2. Remaining EOC staff are mobilized.
3. Berks County Red Cross staff are mobilized and directed to place volunteers on standby status.
4. Decontamination monitoring teams are mobilized and placed on standby status.
5. Reception centers, mass care centers and host schools are notified and placed on standby status.
6. Transportation resources and roadway clearance and fuel resources are notified and placed on standby status.
7. If directed by PEMA, the public alert system is activated at the pre-designated time, and the designated EBS station is directed to commence appropriate messages.
8. Route alert teams are mobilized as necessary.

D. General Emergency

1. Alert/notifications for Site Emergency are completed.
2. Schools, municipalities, special facilities and major industries/utilities are notified of the General Emergency.
3. All parties are notified of the protective action when received from PEMA.
4. When coordinated by PEMA, the public alert system is activated at the pre-designated time, and the primary EBS station is directed to commence appropriate messages.
5. Route alert teams are mobilized as necessary.

APPENDICES:

C-1 Public Alert and Notification System

- C-2 Berks County Notification System.
- C-3 Incident Notification Form
- C-4 Public Alert System Design Objectives and Testing
- C-5 Municipal EMA Coordinators
- C-6 Route Alerting System Design
- C-7 Route Alert Zone Maps
- C-8 Incident Notification Procedures

APPENDIX C-1

PUBLIC ALERT AND NOTIFICATION SYSTEM

I. Public Alert System

The Public Alert System of the Limerick Generating Station consists of 166 high output electro mechanical sirens strategically situated throughout the approximate ten-mile emergency planning zone. These sirens, which are remotely controlled by the County Emergency Management Agency, are the audible signal for the public to tune to the local Emergency Broadcast system station for information. The siren system is an attention getting signal. It is not an evacuation alarm.

The Public Alert System will be activated whenever there is a need to inform the public of any significant change of plant status or when the public must be informed of any emergency situation. Any activation of the system will be coordinated by the Pennsylvania Emergency Management Agency (PEMA).

Since the Plume Exposure Pathway Emergency Planning Zone includes three counties (Berks, Chester and Montgomery), the Public Alert System is divided into three distinct sectors. These sectors correspond to the three county areas of the EPZ.

The Public Alert System consists of the 166 individual sirens (Federal Thunderbolt Model 1000) distributed throughout the EPZ within three sectors attributed to county jurisdiction. Within each sector, each siren site is a separate and distinct address. Therefore, it is possible to activate one or all of the sirens in a county. To activate all 166 sirens within the EPZ, the three counties must coordinate activation. This three segment coordination is a requirement of the Pennsylvania Emergency Management Agency.

The selectivity of sites is obtained by the use of an interactive (two-way) digitally coded status and control unit for each siren. This type of control unit uses a 32-piece or "bit" word to command a response. Each of the three counties have a Central Station which sends the digital command word or words to the siren sites of that county. The siren site(s) receive the digital signal, verify the data and then react accordingly. Additionally, upon receipt of the command or when "interrogated" by the central control station, the site responds with status data to indicate an acknowledgement of the command, report siren activation or malfunction and any power failure.

Siren Signals

Each siren is equipped to provide the capability of sounding the steady three to five minute "Alert" signal (this will be the tone used for the Limerick Public Alert) and the rising/falling wail or "Attack" signal. For testing purposes, "growl" and "silent" tests are available. A special "time-out" timer is included to prevent a siren from functioning for more than eight minutes.

System Configuration

As previously indicated, the Limerick EPZ is composed of three counties (Berks, Chester, Montgomery), each having a central control point for activating and interrogating the sirens of its own county. Activation information is passed from the county central control point to a VHF-FM digital base station radio via computer conditioned telephone lines. The base station is located centrally within the EPZ. A back-up base station is also available. The three counties share the single base station; however, due to the short time duration needed to send the activation signal (2 seconds per county) a conflict or delay is not anticipated. Each of the siren remote controllers transmits a digital signal to the base station to be interpreted by the central control point for status information. Siren activation, failure, power failure, etc., is reported for display on the county computer screen, printer and magnetic disk log.

In the event of any system failures, the siren site will relay a message to the central control point of the specific county. The failure will be displayed on the video terminal and printed in hard copy by the printer. The county then will ensure the dispatch of supplemental route alert teams (reference Appendix C-6).

II. Public Notification System

A. Definition and Authority:

The Emergency Broadcast System (EBS) exists to furnish an expedited means of furnishing real time communications to the public in the event of war, threat of war, or grave national, regional or local crisis. An emergency system such as EBS is authorized by Sections 1, 4(i) and (o), and 303 (r) of the Communications Act of 1934 as amended. This is also in consonance with the Philadelphia Extended Operational Area Emergency Communications Committee and the Pennsylvania Emergency Communications Committee.

B. Purpose

The purpose of the Emergency Broadcast System (EBS) is to provide real time communication, information, direction and instruction in the event of an emergency requiring public action at the Limerick Generating Station. The Emergency Broadcast System will be activated to provide specific information to the public following activation of the Public Alert System of the Limerick Generating Station.

C. Agreement

For purposes of clarity and management, Emergency Broadcast System (EBS) agreements have been developed and executed by and between the Berks County Emergency Management Agency and EBS radio stations. The agreements address the terms and conditions of the relationship, activation, message format and applicable rules and regulations. Copies of the agreements appear in Annex T.

D. Activation

At the request of designated local, State or Federal officials, the Emergency Broadcast System may be activated. Appropriate authentication will be required. The designated officials will use the following format when contacting the EBS station: "This is [NAME/TITLE] of the Berks County EMA. I request that the emergency broadcast system be activated for Berks County due to an emergency at the Limerick Generating Station."

"Authentication Code _____."

Upon verification of authentication code, the EBS station personnel in conjunction with the designated official will determine broadcast details such as the use of "live" or pre-recorded messages, the time of broadcast and the like.

If the EBS station is required by license restrictions to operate at reduced power or cease transmitting during certain specified time periods, and activation of the EBS station is requested during that time period, the station may use full daytime facilities during nighttime hours. [Title 47 Telecommunications Chapter 1 Section 73.933 (b) (12) and Section 73.1250 (f)]

E. Broadcast

Upon verification of authentication and a determination to utilize "live" or prerecorded material, the EBS station may:

1. Broadcast the following announcements:

"We interrupt this program due to an emergency affecting Berks County. Important information will follow."

2. Transmit the Emergency Broadcast System Two Tone Attention Signal for 20-25 seconds.

3. Broadcast the following announcement and broadcast the emergency material:

"We interrupt this program to activate the Emergency Broadcast System for Berks County because of an emergency at the Limerick Generating Station. Important information will follow."

- EBS Message #1
- EBS Message #2 (reference EBS messages
- EBS Message #3 in Annex D)
- EBS Message #4
- etc.

F. Termination

Upon receipt of the termination notice from the activating official, make the following announcement:

"This concludes operations under the Berks County Emergency Broadcast System."

G. System Configuration

The primary designated EBS station for Berks County is WHUM, 1240 AM, based in Reading.

In order to ensure adequate coverage of the portion of Berks County located within the Limerick plume exposure pathway EPZ, the following radio stations have agreed to monitor WHUM and repeat all EBS messages:

WRAW	1340 AM	Reading
WRFY	102.5 FM	Reading
WEEU	850 AM	Reading
WBYU	107.5 FM	Boyertown

APPENDIX C-2

BERKS COUNTY NOTIFICATION SYSTEM

<u>PARTY</u>	<u>MODE OF NOTIFICATION</u>
I. UNUSUAL EVENT	
EMA Director	T, P
Director of Communications (Alternate)	T, P
II. ALERT	
EMA Director	T, P
Director of Communications	T, P
Berks County Commissioners	T
Municipal EMA Coordinators	T
Risk Police Depts.	R, T
Support Police Depts.	R, T
PA State Police	T, R
Risk Fire Depts.	R, T
Support Fire Depts.	R, T
Risk EMS Services	R, T
Support EMS Services	R, T
Public Information Officer	T
Police Services Coordinator	T, P, R
Red Cross	T
Risk School Districts and Private Schools	T
Fire Coordinator	T
Medical Coordinator	T
Mass Care Coordinator	T
Situation Analysis Officer	T
Radiological Officer	T
School Services Officer	T
Public Works Officer	T
Transportation Officer	T
Agricultural Officer	T
Operations Officer	T
RACES Officer	T, R
Risk Utilities/Industries	T
EBS Station	T, R
Risk State/Federal Parks	T, P
Transportation Systems	T
Staging Area and Reception Center Managers	T, P

T = Telephone; P = Payer; R = Radio

III. SITE EMERGENCY

EMA Director	T, P
Director of Communications	T, P
Berks County of Commissioners	T
Municipal EMA Coordinators	T
Risk Police Depts.	R, T
Support Police Depts.	R, T
PA State Police	T, R
Risk Fire Depts.	R, T
Support Fire Depts.	R, T
Risk EMS Services	R, T
Support EMS Services	R, T
Public Information Officer	T
Police Services Coordinator	T, P, R
Red Cross	T
Risk School Districts and Private Schools	T
Fire Coordinator	T
Medical Coordinator	T
Mass Care Coordinator	T
Situation Analysis Officer	T
Radiological Officer	T
School Service Officer	T
Public Works Officer	T
Transportation Officer	T
Agricultural Officer	T
RACES Officer	T, R
Risk Utilities/Industries	T
EBS Station	T, R
Risk State/Federal Parks	T, P
Transportation Systems	T
Staging Area and Reception Center Managers	T, P
Decontamination Monitoring Teams	T, R
Reception Centers	T
Mass Care Centers	T
Transportation Staging Areas	T
Emergency Worker Decontamination Stations	T
Host Schools	T
Transportation Resources	T
Fuel Resources	T
Road Clearance Resources	T
Access Control Staff	T, R
Traffic Control Staff	T, R
Central Resource Receiving Point Staff	T

IV. GENERAL EMERGENCY

Municipal EMA Coordinator	T, R
All County Police Depts.	R, T
All County Fire Depts.	R, T
All County EMS Services	R, T
Risk Utilities/Industries	T
Risk State/Federal Parks	T, P
Transportation Systems	T

Access Control Staff	T, R
Traffic Control Staff	T, R
School Districts and Private Schools	T
Decontamination Monitoring Teams	T, R
Reception Centers	T
Mass Care Centers	T
Transportation Staging Areas	T
Staging Area Staff	T, R
Emergency Worker Decontamination Stations	T
Host Schools	T
Transportation Resources	T
Fuel Resources	T
Road Clearance Resources	T
Relocation Stations for Risk Services	T, R

NOTIFICATION CHECKLIST
NUCLEAR FACILITY INCIDENT

INITIAL NOTIFICATION

a. Name of Caller: _____ Title: _____

b. Time of Notification: _____ Received By: _____

c. Location of Incident: _____

d. Telephone Number: _____

e. Emergency Class: _____ UNUSUAL EVENT
_____ ALERT
_____ SITE EMERGENCY
_____ GENERAL EMERGENCY

f. Date/Time of Incident: _____ / _____

g. Radioactivity: _____ Has NOT Been Released _____ Within Plant
_____ Is Being Released _____ From Plant
_____ Has Been Released
_____ May Be Released

h. Type of Release: _____ Airborne _____ Waterborne _____ Surface Spill

i. Additional Information: _____

j. Plant Conditions: _____

II. RECOMMENDATION (UNDER GENERAL EMERGENCY)

a. Protective Actions: _____ None Recommended _____ Recommended as Follows:

b. Affected Population and Area: _____ None _____ As Follows:

LOCATION

III. EXTENDED NOTIFICATION AND REPORTING

a. County notify appropriate municipalities YES/NO

b. PEMA notify selected state agencies YES/NO

REPORT TIME OF COMPLETION FOR ALL NOTIFICATIONS TO PEMA EOC, 717 - 783-8150

APPENDIX C-4

SYSTEM DESIGN OBJECTIVES AND TESTING

- A. The minimum design objectives for coverage by the alert/notification system are:
1. The system is capable of providing both an alert signal and an informational or instructional message (EBS announcement) to the population on an area-wide basis throughout the plume exposure pathway EPZ, within 15 minutes.
 2. The initial alert/notification system will assure direct coverage of essentially 100% of the population within five miles of the site.
 3. Special arrangement will be made to assure 100% coverage within 45 minutes of the population who may not have received the initial alert/notification within the entire plume exposure pathway EPZ.
- B. The minimum testing requirements for the alert/notification system are:
1. The siren system will be tested as follows:
 - a. A silent test will be conducted every two weeks with appropriate log entry.
 - b. A growl test will be conducted quarterly and when preventive maintenance is performed.
 - c. A complete cycle test of the alert signal will be conducted annually to include broadcast of a test message over the county EBS station.
 2. Berks County will provide PEEMA with an annual statement certifying that the silent and growl tests were performed.

APPENDIX C-5

MUNICIPAL EMA COORDINATORS

<u>Municipality</u>	<u>Emergency Management Coordinator</u>	<u>Telephone</u>
Amity Township	Harold L. Reigel R. D. #2, Box 461 Douglassville, PA 19518	O: 689-5507 H: 689-5698
Boyertown Borough	Robert Layman Boyertown, PA 19512	O: 367-2688 H: 369-0705
Colebrookdale Township	Jonathan Smoyer, Jr. R. D. #4, Box 715 Boyertown, PA	O: 929-0705 H: 367-8977
Douglass Township	Anthony Minotto 302 Squirrel Hollow Road Douglassville, PA 19518	O: 323-4780 H: 323-6743
Earl Township	Joseph Reider R.D. #3 Boyertown, PA 19512	O: 1-270-3916 H: 369-1769
Union Township	Mary Catherine Lowery Box 33, R. D. #1 Douglassville, PA 19518	O: 948-3345 H: 326-7564
Washington Township	Herbert Reeves R. D. #1 Barto, PA 19504	O: 845-2877 H: 845-2745

NOTE: Telephone numbers updated quarterly.

APPENDIX C-6

ROUTE ALERTING SYSTEM DESIGN

Route alerting is a supplemental method of alerting the general public within the plume exposure pathway emergency planning zone (EPZ) of the Limerick Generating Station, implemented, as necessary, in the event of public alert system failure.

The responsibility for route alerting rests with the municipality and is accomplished by means of route alert teams travelling along pre-designated routes delivering the message, "There is an emergency at the Limerick Generating Station; please tune to your Emergency Broadcast Station."

Each municipality within the Berks County portion of the designated Emergency Planning Zone (EPZ) of the Limerick Generating Station has been divided into separate and distinct route alert zones. The size, location and configuration of each route alert zone is based upon population density, existing roadways and traffic flow, municipal boundaries, and the location and number of sirens. Maps of route alert zones are attached as Appendix C-7.

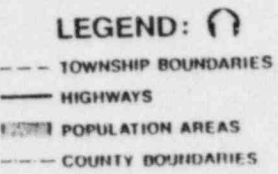

Berks County is responsible for notifying the municipalities of any malfunction of the public alert system requiring implementation of the municipal route alert system. By specific design, the county receives information on the status of the public alert system during operation. The county receives specific references to locations where the system may have failed resulting in a need to use supplemental alerting methods such as route alerting.

Route alerting sectors and assignments are as follows:

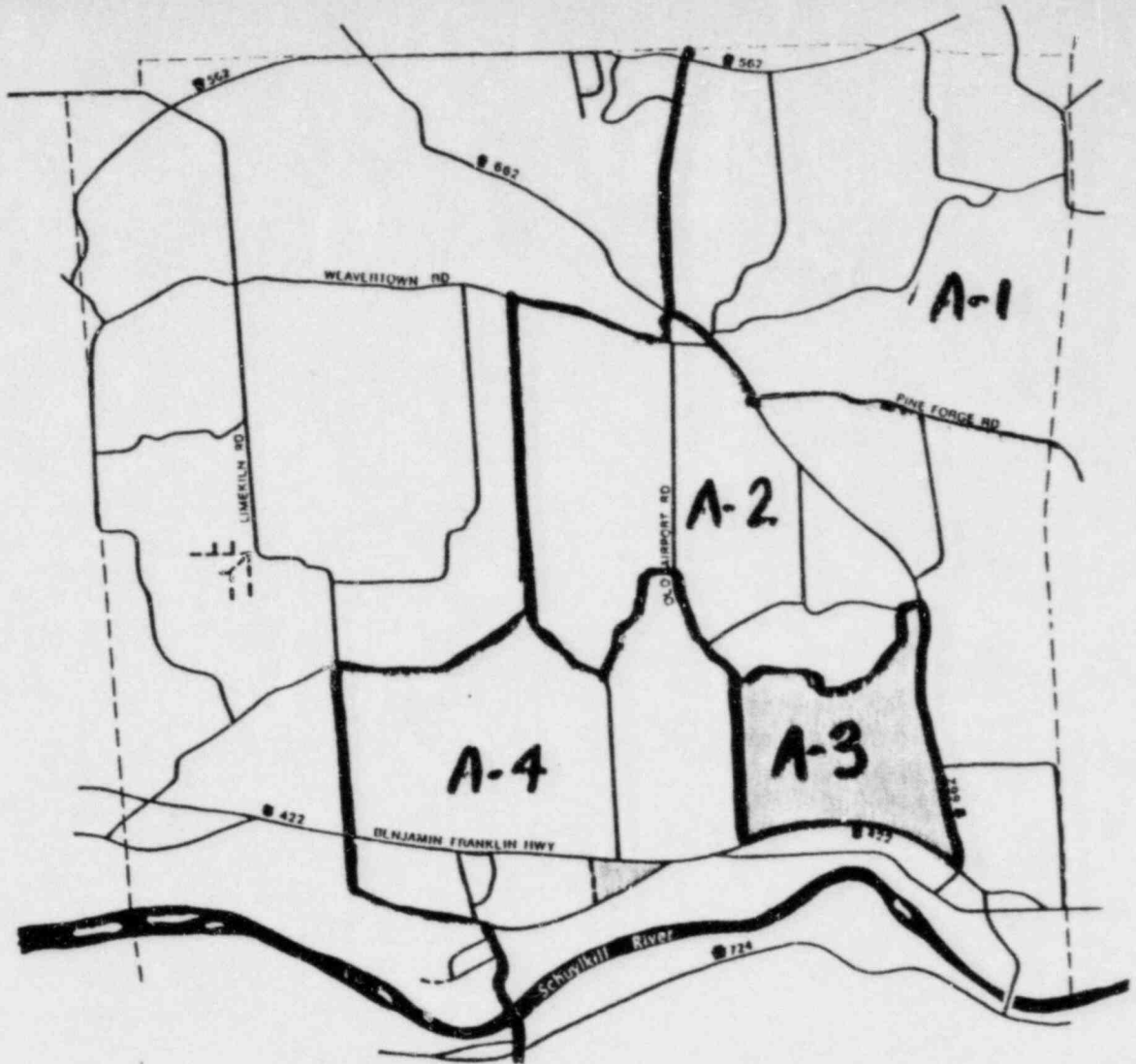
<u>MUNICIPALITY</u>	<u>SECTORS</u>	<u>FIRE DEPARTMENT</u>
Amity Township	1	Amity
	2	Monarch
	3	Monarch
	4	Monarch
Boyertown Borough	1	Boyertown - Keystone
	2	Boyertown - Keystone
	3	Boyertown - Friendship
	4	Boyertown - Friendship
Colebrookdale Township	1	Boyertown - Keystone
	2	Boyertown - Friendship
	3	Liberty
	4	Liberty
	5	Liberty
Douglass Township	1	Boyertown - Keystone
	2	Boyertown - Keystone
	3	Boyertown - Friendship
	4	Amity

Douglass Township (Con't)


	5	Amity
	6	Amity
Earl Township	1	Earl Township (Shanesville)
Union Township	1	Kulptown
Washington	1	Barto
	2	Barto

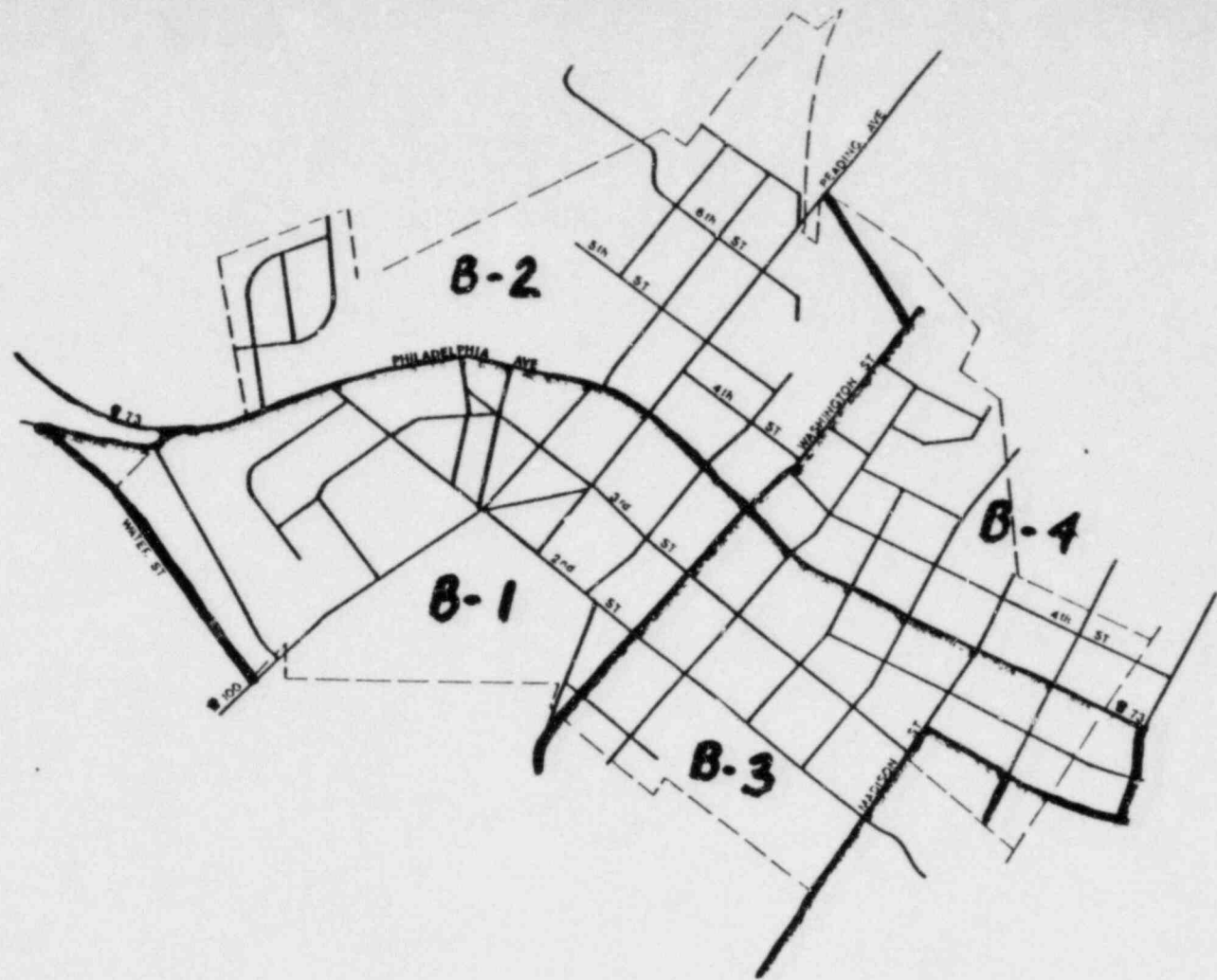
- LEGEND:** 
- TOWNSHIP BOUNDARIES
 - HIGHWAYS
 -  POPULATION AREAS
 - · - COUNTY BOUNDARIES

**BERKS COUNTY
AMITY TOWNSHIP**



C-7-1

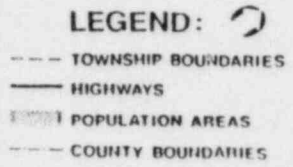
- LEGEND: 
- TOWNSHIP BOUNDARIES
 - HIGHWAYS
 -  POPULATION AREAS
 - COUNTY BOUNDARIES

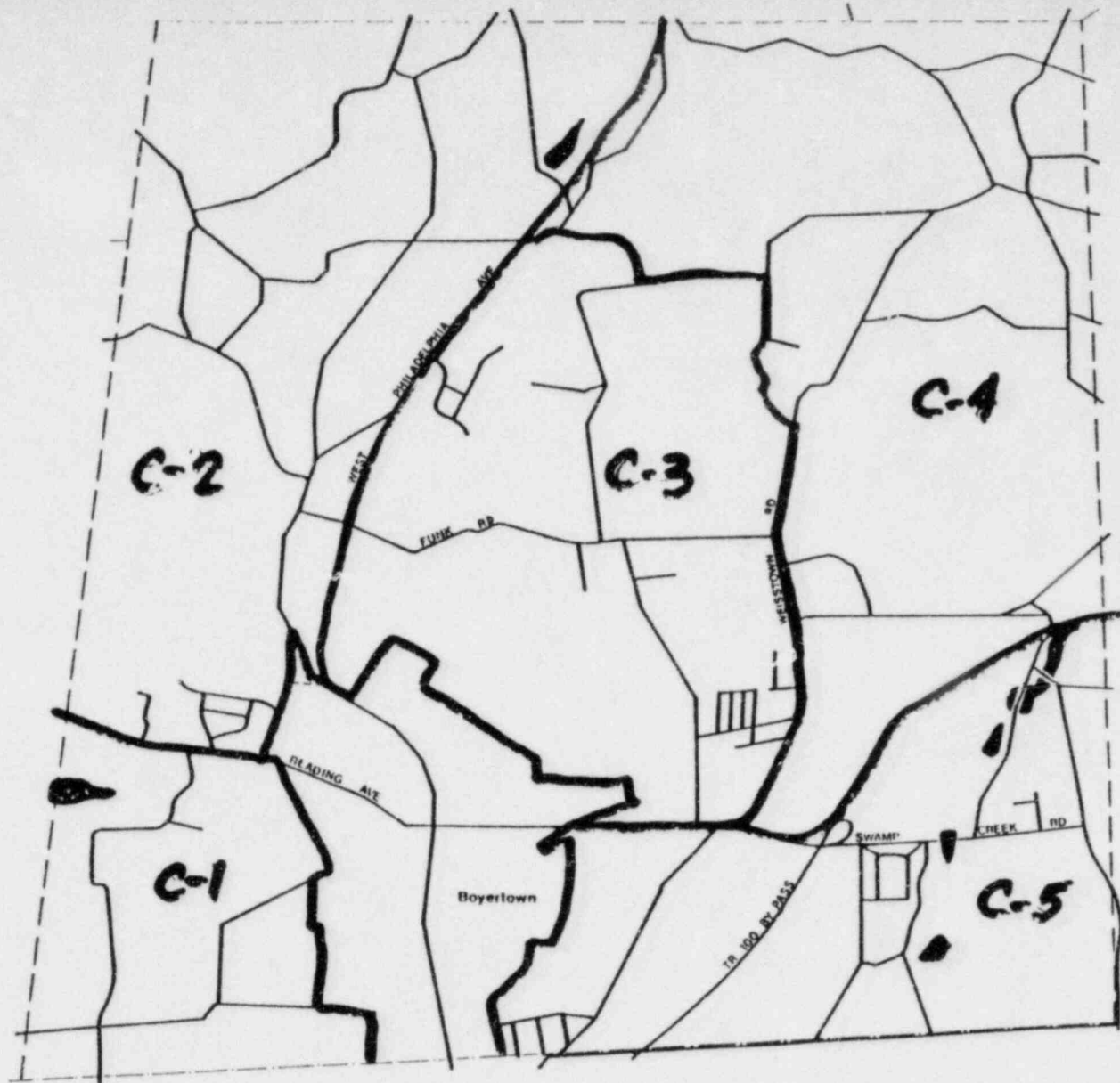


**BERKS COUNTY
BOYERTOWN BOROUGH**

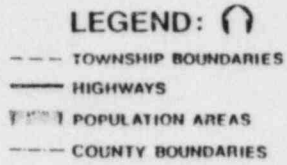
C-7-2

BERKS COUNTY
COLEBROOKDALE
TOWNSHIP

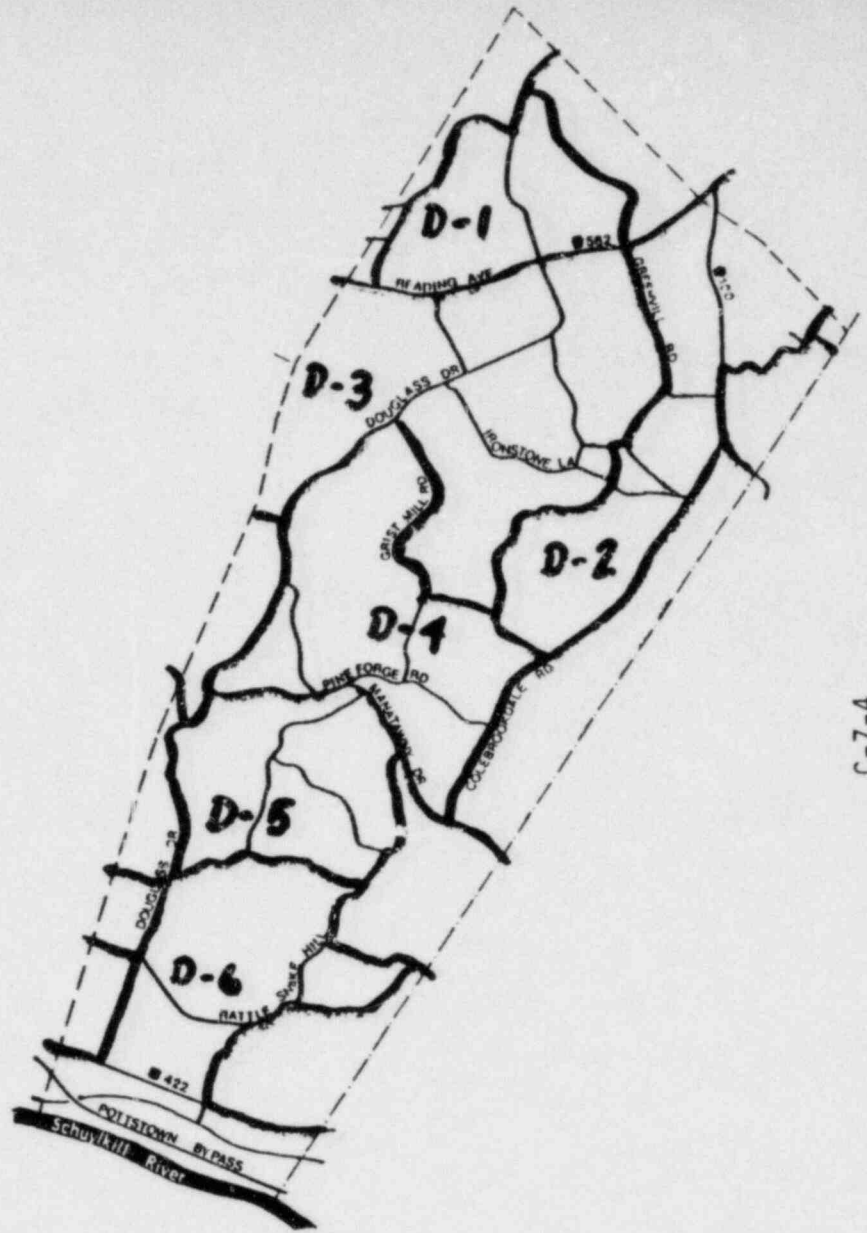
- LEGEND: 
- TOWNSHIP BOUNDARIES
 - HIGHWAYS
 - ▨ POPULATION AREAS
 - · - COUNTY BOUNDARIES





C-7-3

- LEGEND:** 
- TOWNSHIP BOUNDARIES
 - HIGHWAYS
 - ▨ POPULATION AREAS
 - · - COUNTY BOUNDARIES

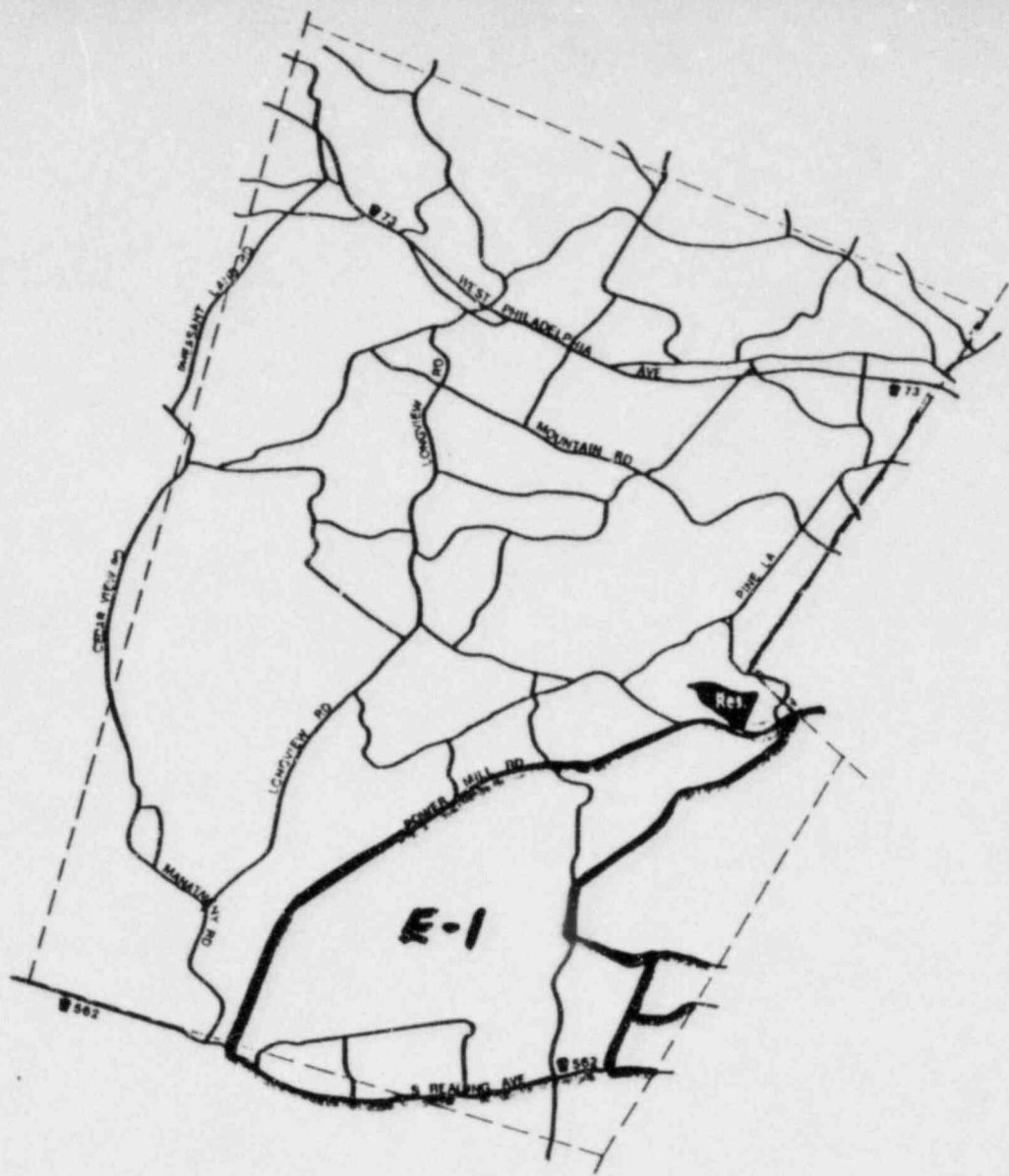
**BERKS COUNTY
DOUGLASS TOWNSHIP**



C-7-4

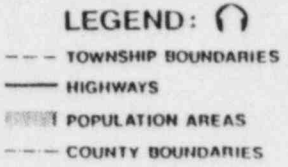
- LEGEND:** 
- TOWNSHIP BOUNDARIES
 - HIGHWAYS
 -  POPULATION AREAS
 - COUNTY BOUNDARIES

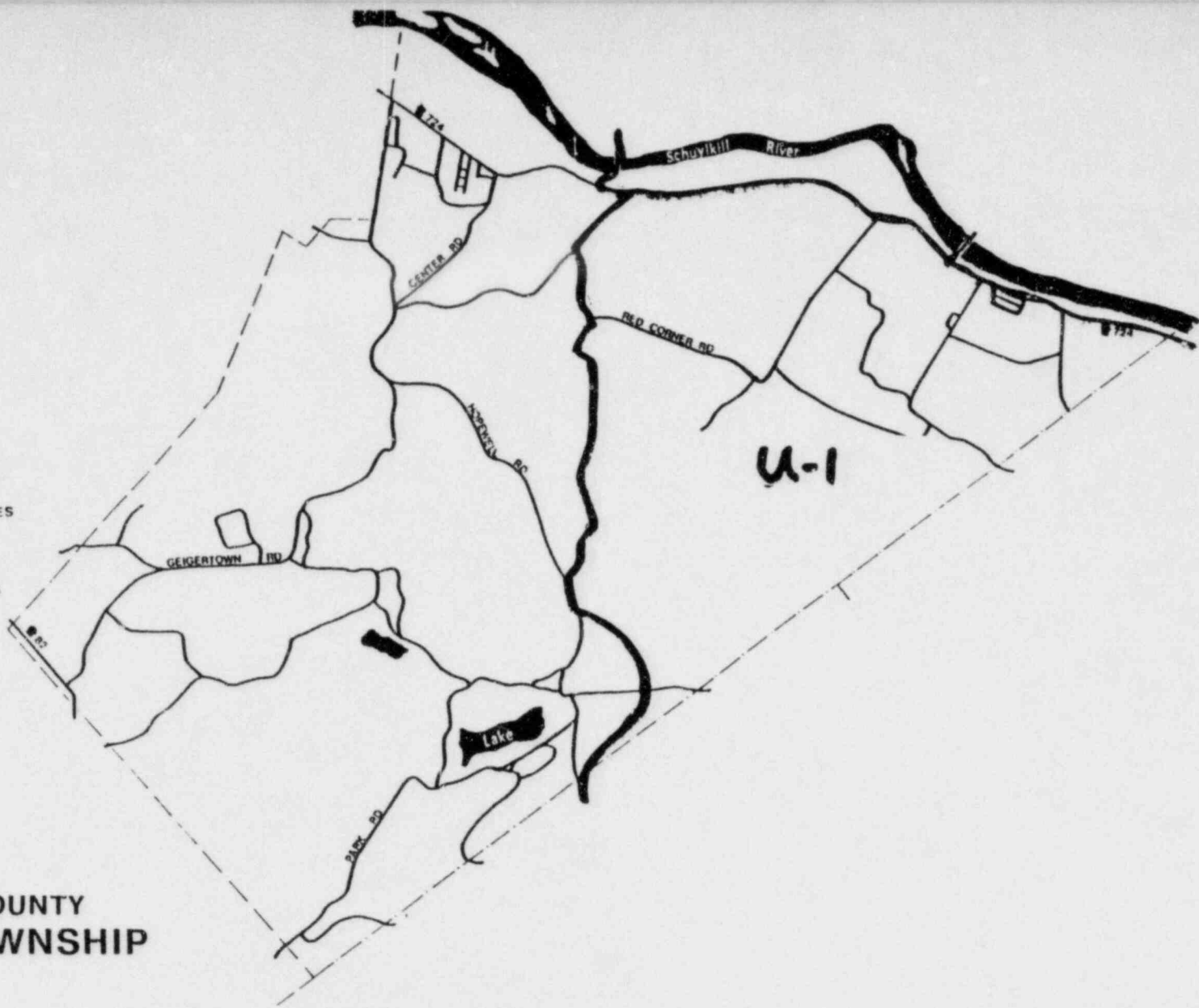
**BERKS COUNTY
EARL TOWNSHIP**



C-7-5

**BERKS COUNTY
UNION TOWNSHIP**

- LEGEND:** 
- TOWNSHIP BOUNDARIES
 - HIGHWAYS
 - POPULATION AREAS
 - COUNTY BOUNDARIES



C-7-6

C-7-7



LEGEND:

--- TOWNSHIP BOUNDARIES

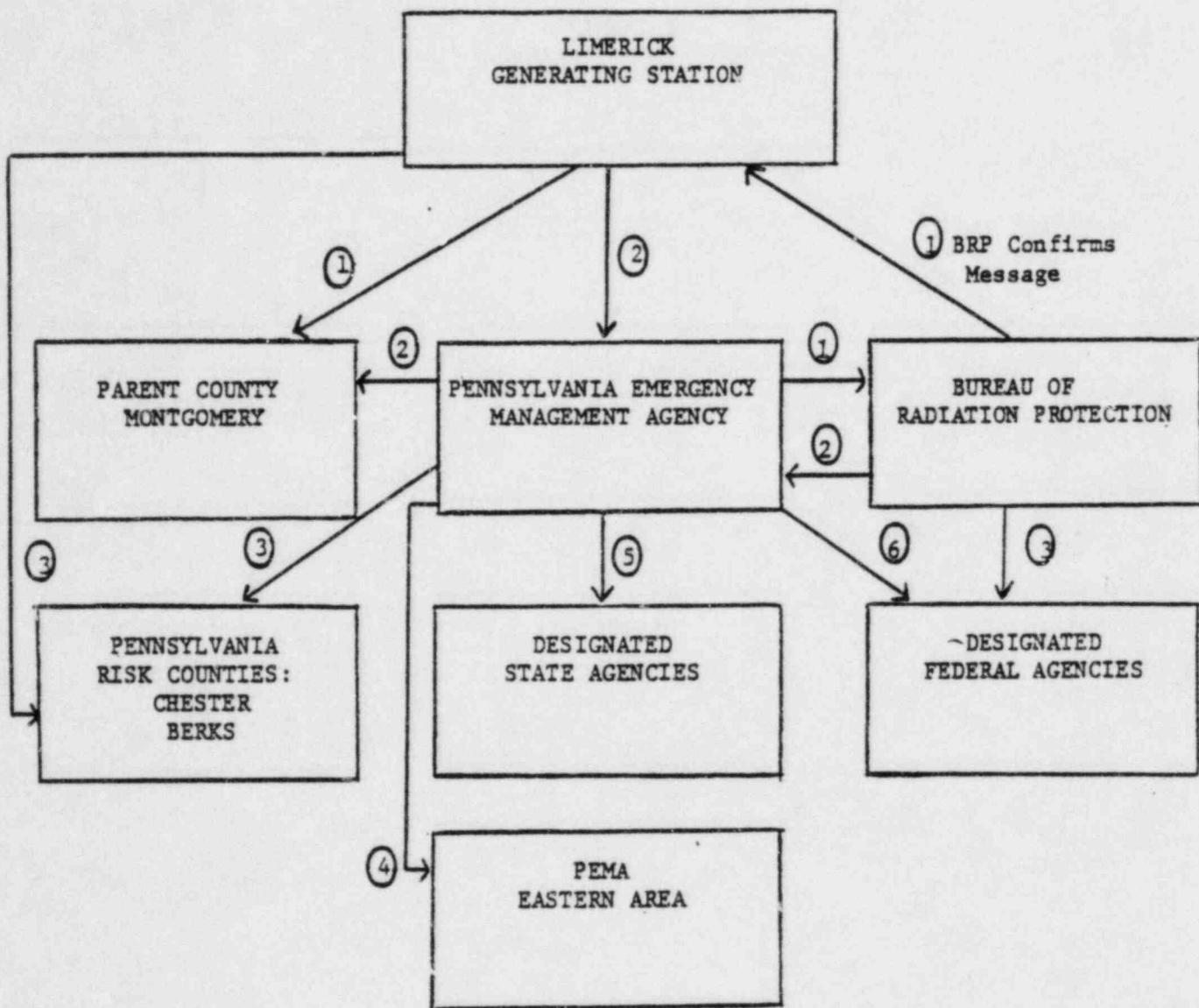
— HIGHWAYS

POPULATION AREAS

--- COUNTY BOUNDARIES

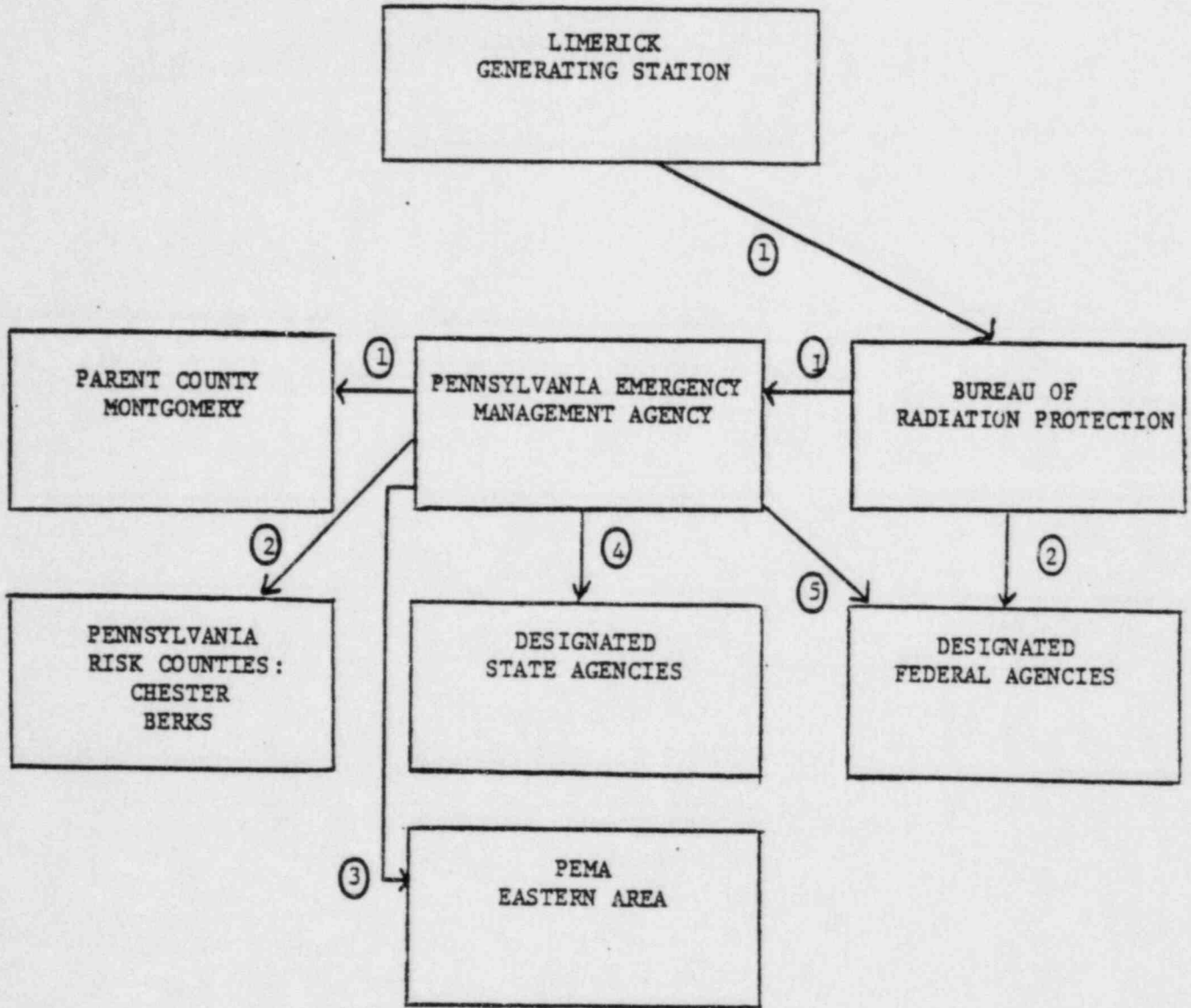
BERKS COUNTY
WASHINGTON TOWNSHIP

INITIAL NOTIFICATION PROCEDURES
 FOR A GENERAL EMERGENCY AT THE
LIMERICK GENERATING STATION



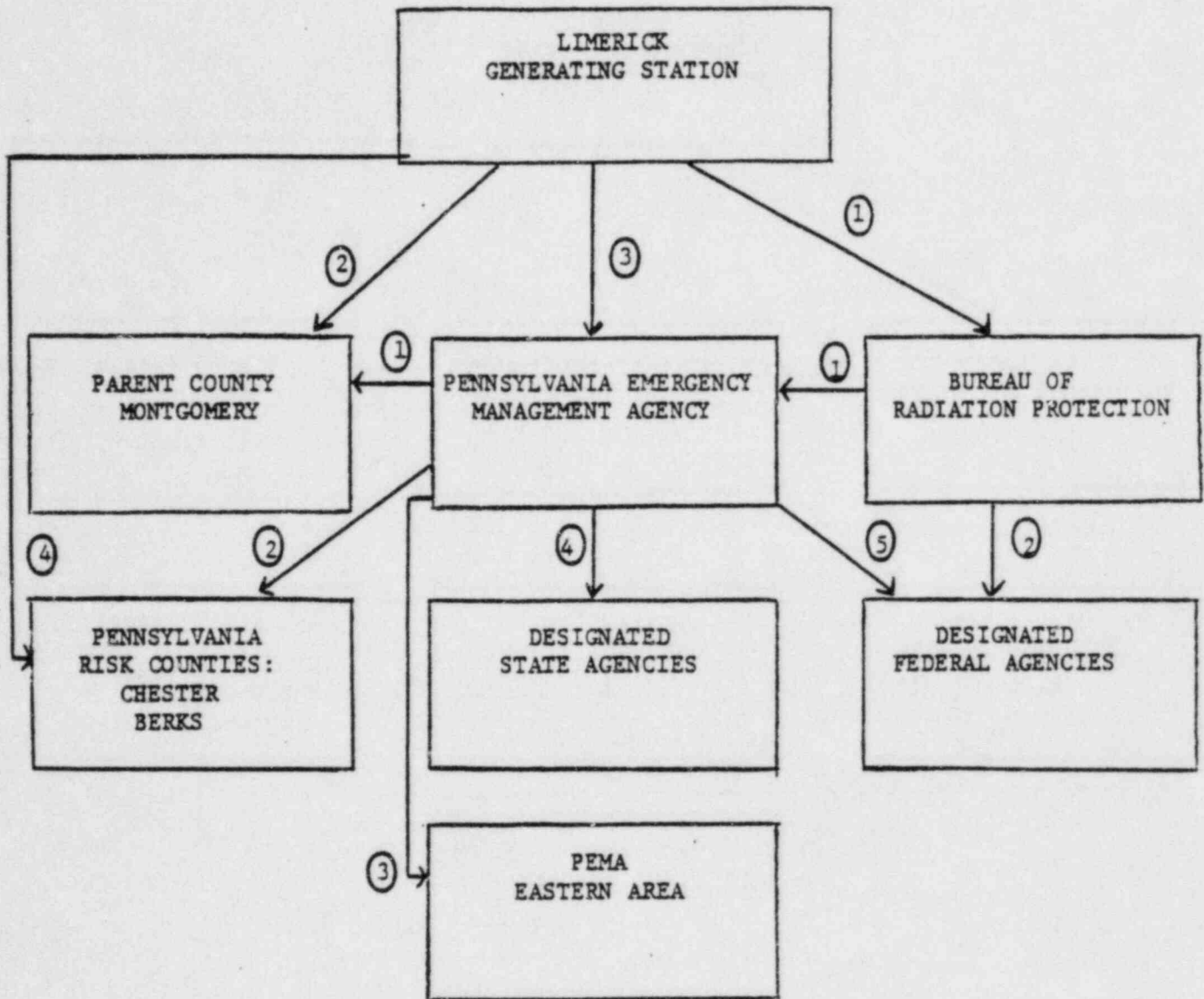
Numbers \bigcirc indicate the chronological sequence of calls by each agency.

NOTIFICATION PROCEDURES FOR
ESCALATION TO ALERT OR SITE EMERGENCY AT THE
LIMERICK GENERATING STATION



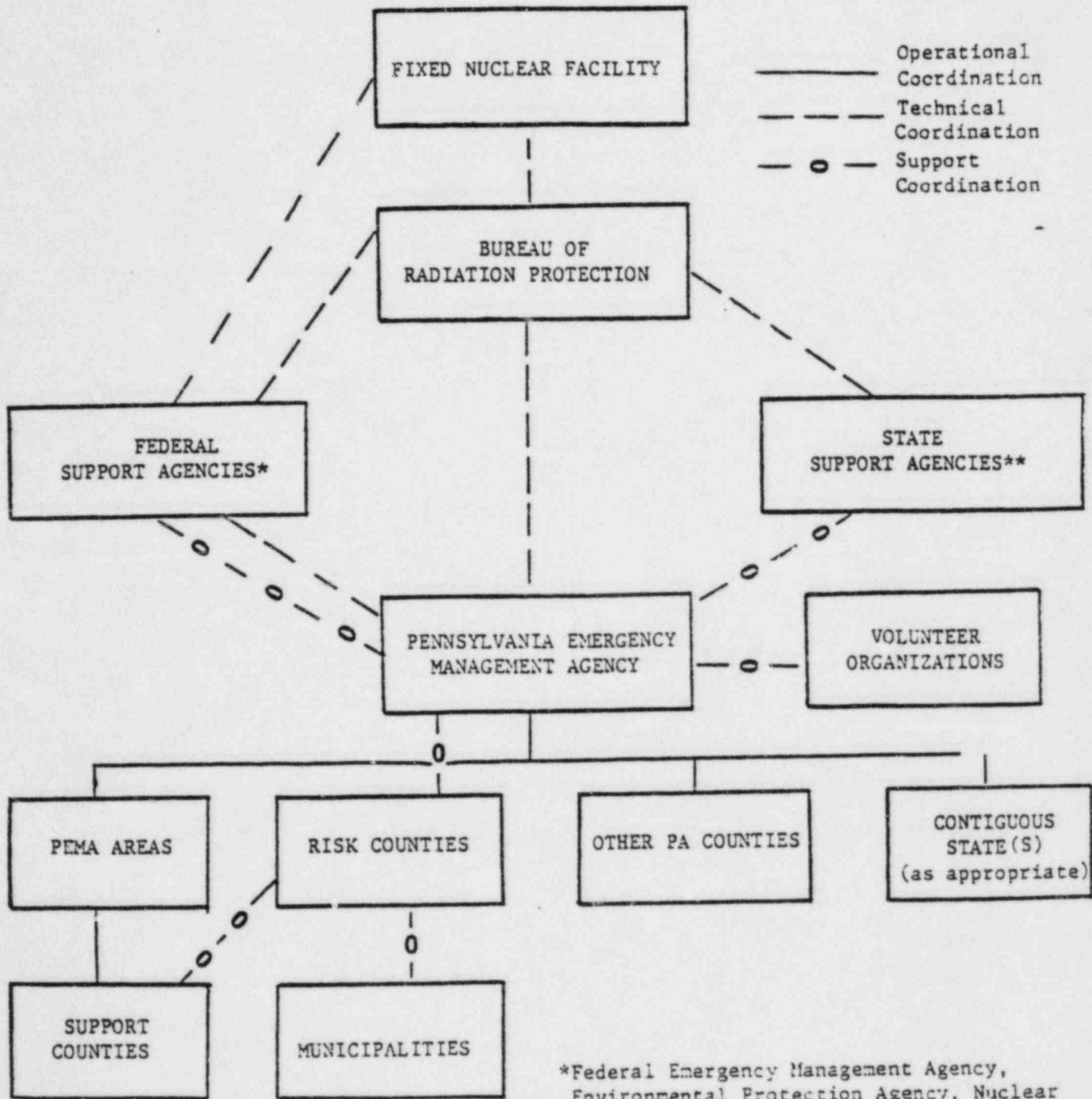
Numbers 0 indicate the chronological sequence of calls by each agency.

NOTIFICATION PROCEDURES FOR
ESCALATION TO A GENERAL EMERGENCY AT THE
LIMERICK GENERATING STATION



Numbers $\textcircled{0}$ indicate the chronological sequence of calls by each agency.

CONTINUING COORDINATION



*Federal Emergency Management Agency, Environmental Protection Agency, Nuclear Regulatory Commission, Energy, Health and Human Services, Agriculture, Transportation

**See Annex E, Basic Plan, Attachment A, Primary and Support Responsibility Chart

ANNEX D

PUBLIC INFORMATION

I. PURPOSE

To establish procedures for informing persons living, working or traveling in the Berks County section of the plume exposure pathway EPZ in the event of an incident at the Limerick Generating Station, and to establish a program to inform the general public of plans and procedures for their protection in the event of an incident at Limerick.

II. RESPONSIBILITIES

- A. The Berks County Emergency Management Agency Director and his Public Information Officer (PIO) are responsible for the advance development of a public information program to inform persons living, working and traveling in risk areas of the county of plans and procedures for their notification, and points of contact for further information, in the event of an incident at the Limerick Generating Station.
- B. The Berks County Emergency Management Agency Director and PIO are responsible for the advance development of prepared messages designed for release over the emergency broadcast system at the time of an emergency. These messages will provide the public with specific emergency instructions based on the seriousness of the incident.
- C. The Berks County Commissioners, in consultation with PEMA, are responsible for the release of prepared instructions to the public in event of an incident at the Limerick Generating Station.

III. REQUIREMENTS

- A. Pre-emergency public information will be prepared and annually updated by the Berks County Emergency Management Agency Director and PIO. This information will instruct the public at risk of how they will be notified, what their actions will be and who to contact for further information in the event of an incident at the Limerick Generating Station.
- B. The Philadelphia Electric Company, in coordination with PEMA and the Berks County Emergency Management Agency, is responsible for the distribution of printed materials to residents, hotels and motels and campgrounds and other areas of transient population within the Limerick plume exposure pathway EPZ.
- C. Berks County will participate in an annual news media orientation held for Limerick risk counties which will be sponsored by PEMA. This orientation will acquaint news media representatives from Berks County with radiological emergency response plans and points of contact for release of public information during an emergency.

- D. The Berks County PIO, with the assistance of PEMA, will prepare and update prepared statements for broadcast over the emergency broadcast system in the event of an emergency. These statements will include:
1. Take Shelter EBS Announcement.
 2. Selective Evacuation EBS Announcement.
 3. General Evacuation EBS Announcement.
 4. School Evacuation EBS Announcement.
 5. Reentry and Recovery EBS Announcement.
 6. EBS Station Announcement.
- E. If an incident classification reaches Alert, the Berks County Commissioners, assisted by the Emergency Management Agency Director and County PIO in coordination with PEMA, may commence issuing public information statements via newspaper, radio or television to explain Berks County governmental actions being taken to protect the residents and transients within the county. The purpose of the announcements is to provide accurate information, prevent panic and counteract misinformation and rumors. Reference to the situation at the Limerick Generating Station will be made only in the context of the reasons for governmental actions.
- F. If an emergency situation reaches a degree of danger requiring protective actions by the public, or other factors, combined with the potential danger, make it prudent to alert the public, PEMA will coordinate the specific time to activate the public alert system and the appropriate EBS announcements to be made. EBS announcements will not be made before the public alert system is activated. If a General Emergency is declared, the system will always be activated. The EMA Director or, at his direction, the PIO, is responsible for alerting the EBS station and advising of the incident. If the EBS station is to be activated, the EMA Director or PIO will activate the EBS station and monitor to verify that appropriate announcements are being made in a timely fashion.
- G. In the event PEMA is out of communications with the risk counties, Montgomery County assumes PEMA's role until communications are restored. In the event PEMA and Montgomery County are out of communications, the risk counties will operate on their own initiative based upon information provided by Limerick or BRP.
- H. A rumor control center will be established by Berks County whenever the EUC is activated in support of this plan. The PIO is responsible for the staffing and operation of the rumor control telephone(s). The rumor control telephone number (215/374-4809) for Berks County will be published as the primary number for responding to questions from the general public. The need for any additional telephone lines and personnel to man the center will be coordinated by the Emergency Management Agency Director.

- I. The Berks County Media Center will be established in the first floor auditorium of the Berks County Agriculture Center whenever the EUC is fully activated, and will be staffed by the PIU.
- J. The Chairman of the County Board of Commissioners, or his designee, will serve as the County's spokesperson in the event of an emergency associated with Limerick. The County spokesperson will be briefed by the PIU prior to the release of public information during an emergency.

IV. CONCEPT OF OPERATIONS

A. Unusual Event

No action required.

B. Alert

1. The PIU will report to the EUC when requested by the Berks County EMA Director.
2. The PIU will contact EBS station (WHUM) at 376-3987, place on standby status, and review the prepared EBS announcements.
3. If the public alert system is activated, the PIU will ensure that appropriate EBS announcements are made following activation.

C. Site Emergency

1. The PIU will report to the County EUC and assemble the public information staff.
2. The PIU will contact the primary EBS station, advise of the declaration of a Site Emergency and maintain on standby status.
3. The PIU will activate and direct operations of the Berks County rumor control center, developing information releases and assisting operations.
4. The Berks County Media Center will be established in the first floor auditorium and appropriate public information statements will be issued in accordance with guidance from the County Commissioners and in coordination with the PEMA PIU.
5. If the public alert system is activated, the PIU will ensure that appropriate EBS announcements are made following activation.
6. If a protective action recommendation is received from PEMA or BRP, the PIU will activate the EBS station and ensure that appropriate EBS announcements are made.

D. General Emergency

1. Same procedures as for Site Emergency.

APPENDICES:

- Appendix D-1 - Take Shelter EBS Announcement
- Appendix D-2 - Selective Evacuation EBS Announcement
- Appendix D-3 - General Evacuation EBS Announcement
- Appendix D-4 - School Evacuation EBS Announcement
- Appendix D-5 - Reentry and Recovery EBS Announcement
- Appendix D-6 - EBS Station Announcement
- Appendix D-7 - Public Information Brochure

APPENDIX D-1

TAKE SHELTER EBS ANNOUNCEMENT

The following message has been released by the Berks County Emergency Management Agency.

"The Governor has announced that an emergency presently exists at the Limerick Generating Station. Persons living or working within an approximate ten mile radius of the facility are requested to take sheltering action.

According to State and Federal officials, there is no need for residents to leave the area at the present time.

In Berks County, people living, working or traveling in the following areas are affected by this request:

Amity Township - Eastern Half
Boyertown Borough - All
Colebrookdale Township - All
Douglass Township - All
Earl Township - South of L.R. U6053
Union Township - East of L.R. U6097
Washington Township - East of Route 100 and South of L.R. U6033

(Repeat the list of affected municipalities one time then continue the message.)

Persons living, working or traveling in this area should take sheltering action. Persons traveling to home or work should proceed to their destination in an orderly fashion obeying all traffic regulations. Non-residents traveling in motor vehicles should clear the area in an orderly fashion.

All persons traveling in the area in motor vehicles should roll up windows and close air vents. If in an automobile, or when sheltering is not immediately available, improvised respiratory protection may be taken. Place a handkerchief, towel, or other similar item snugly over the nose and mouth until indoors.

Persons who have taken shelter should observe the following procedures:

1. Close all doors and windows.
2. Disconnect air conditioners or fans.
3. Lower the thermostat setting of any heater to minimize the intake of external air.
4. Keep pets inside, and to the extent possible, bring farm animals under covered facilities.
5. Locate your Berks County Emergency Information Brochure for the Limerick Generating Station and read the emergency information that it contains with emphasis on the Take Shelter instructions.

You are asked not to do the following:

(Read statement #1 if school is in session.)

1. You are requested not to telephone or go to the school your children are attending. They are in a covered protected environment and will be bused home when it is safe to do so.
2. Do not telephone the municipal, county, State or Federal officials directly involved. They will keep you informed of the situation through this station. Do not use the telephone except for medical emergencies.

The preceding has been an announcement by the Berks County Emergency Management Agency. It calls for all persons living or working within a ten-mile radius of the Limerick Generating Station to take shelter. For further information, stay tuned to this station."

(Repeat this message one time then end the transmission.)

(Thereafter, this message shall be repeated every five minutes until the station is informed by the County Emergency Management Agency to end transmission.)

APPENDIX D-2

SELECTIVE EVACUATION EBS ANNOUNCEMENT

The following message has been released by the Berks County Emergency Management Agency.

"The Governor has announced that an emergency presently exists at the Limerick Generating Station and recommends the evacuation of pregnant women and pre-school children within an approximate ten-mile radius of the facility.

In Berks County, pregnant women and pre-school children living in the following areas are affected by this request:

Amity Township - Eastern Half
Boyertown Borough - All
Colebrookdale Township - All
Douglass Township - All
Earl Township - South of L.R. U6053 (Powder Mill Road)
Union Township - East of L.R. U6097 (Shed Road)
Washington Township - East of Route 100 and South of L.R. U6033

(Repeat the list of affected municipalities one time then continue the message.)

Pregnant women and pre-school children needing shelter will be received at the Exeter Senior High School in Reiffton. Persons needing transportation to this site should contact their municipal emergency management agency at the number listed for your municipality in the Emergency Information Brochure for Limerick.

Those persons affected by this message who are evacuating by private automobile should remember to drive carefully and obey all traffic laws.

Pregnant women and pre-school children affected by this request should prepare to spend a minimum of three days away from home and should take with them sufficient quantities of clothing, personal items and prescription drugs to last for at least this length of time.

Food and sanitary facilities will be provided at the mass care facility.

The preceding has been a message from the Berks County Emergency Management Agency regarding the Governor's recommendation for the selective evacuation of pregnant women and pre-school children living within a ten-mile radius of the Limerick Generating Station. For further information, stay tuned to this station."

(Repeat this message one time then end transmission.)

(Thereafter, this message should be repeated every five minutes until the station is informed by the County Emergency Management Agency to end transmission.)

APPENDIX D-3

GENERAL EVACUATION EBS ANNOUNCEMENT

The following message has been released by the Berks County Emergency Management Agency.

"The Governor has announced that a General Emergency presently exists at the Limerick Generating Station and recommends the evacuation of all persons living or working within an approximate ten mile radius of the facility.

In Berks County this evacuation advisory affects persons in the following areas:

Eastern Half of Amity Township
Boyertown Borcugh
Colebrookdale Township
Douglass Township
Earl Township - South of L.R. U6U53 (Powder Mill Road)
Union Township - East of L.R. U6U97 (Shed Road)
Washington Township - East of Route 100 and South of L.R. U6U33

(Repeat the list of affected municipalities one time then continue the message.)

If you live in this area, you are requested to locate the Emergency Information Brochure for Limerick which was previously distributed to all households and read the instructions pertaining to evacuation.

Main evacuation routes are provided traffic control by the Pennsylvania State Police for your rapid movement out of the endangered area. Please follow the main evacuation routes for your community. If you will need a place to stay, report to the designated reception center enroute. Please follow the main evacuation routes for your community:

Union Township East of L.R. U6U97 (Shed Road). Take Route 724 West. Reception center is Cumru Elementary School in Shillington.

Amity Gardens of Amity Township. Take Route 422 West. Reception center is Pathmark Plaza in Reiffton.

Eastern half of Amity Township except for Amity Gardens. Take Route 662 North. Reception center is Uley Valley High School.

Douglass Township, Southern portion. West on L.R. U6155 to L.R. U61U2 to Route 662 North. Northern portion - West on Route 562 to Route 662 North. Reception center is Uley Valley High School.

Earl Township South of Powder Mill Road. Route 562 West to Route 662 North. Reception center is Uley Valley High School.

Colebrookdale Township, West of Route 100 and Boyertown Borough. West on Route 73. Reception center is Uley Valley High School.

Colebrookdale Township, East of Route 100 and that part of Washington Township East of Route 100 and South of L.R. 06033. Route 100 North. Reception center is Emmaus High School.

(Repeat this list one time and continue message.)

If you have housebound persons or invalids in your home and require assistance in moving them, contact your municipal emergency management agency at the number listed for your municipality in the Emergency Information Brochure for Limerick.

Please cooperate by checking on persons who may live alone in your neighborhood. If they have no way of providing for their own transportation, please assist them if possible.

Persons affected by this evacuation advisory should prepare to spend a minimum of three days away from home and should have with them sufficient quantities of clothing, sleeping bags or blankets, personal care items and prescription drugs for at least this period. Persons evacuating to mass care centers will be provided with food and sanitary facilities. Pets may accompany their owners, but will not be allowed inside the mass care centers. The care and feeding of pets is the responsibility of the owner.

Farmers affected by this evacuation advisory should shelter their animals and contact their county USDA agricultural agent for further instructions regarding protection of livestock and foodstuffs, and regaining access to the evacuated area.

Persons planning to evacuate are reminded to take the following steps prior to leaving:

1. Secure your home and property.
2. Turn off all lights and electrical appliances.
3. Turn down any heating systems (or turn off air conditioning systems).
4. Proceed calmly to your destination, obeying all traffic laws and driving carefully.
5. Please obey the police and others who will be directing traffic along the evacuation routes.

Persons evacuating are advised that the evacuation area will be secured and patrolled by State and local police and the National Guard.

The preceding has been an announcement by the Berks County Emergency Management Agency regarding a recommendation by the Governor for the evacuation of all persons living within a ten-mile area of the Limerick Generating Station. For further information please stay tuned to this station."

(Repeat this message until the station is informed to terminate by the County Emergency Management Agency.)

(If school is in session, prepare to broadcast School Evacuation message. Do not broadcast this message until instructed to do so.)

APPENDIX D-4

SCHOOL EVACUATION EBS ANNOUNCEMENT

The following message has been released by the Berks County Emergency Management Agency. It supplements instructions given to the public relative to the general evacuation announcement for an approximate ten-mile radius around the Limerick Generating Station.

"Parents with children attending school within a ten-mile radius of the Limerick Generating Station are advised that their children are subject to a separate evacuation plan while school is in session. Children will be bused directly to schools outside the risk area. Parents are to meet their children at designated host schools located outside the emergency zone. I repeat, children will be bused directly to schools outside the risk area where parents are to meet their children. Parents are not to report to their children's school.

Parents of school children who live within an approximate ten-mile radius of the Limerick Generating Station and whose children attend schools beyond that distance are advised that their children will be cared for at their own school until they can be picked up.

Children attending schools within the risk area of Berks County will be bused to the following locations where they can be picked up:

All students of the Boyertown Area School District attending the following buildings will be bused to Kutztown University of Pennsylvania in Kutztown.

Boyertown Area Senior High
Boyertown Area Junior High East
Boyertown Area Junior High West
Lincoln School Special Education Students

All students of the Boyertown Area School District attending the following buildings will be bused to Kutztown Junior High School/ Kutztown Elementary School in Kutztown:

Lincoln School Head Start Students
Boyertown Elementary School
Colebrookdale Elementary School
Gilbertsville Elementary School
New Hanover/Upper Frederick Elementary School
Pine Forge Elementary School
Earl Elementary School
Washington Elementary School

All students of the Amity Elementary Center will be bused to the Daniel Boone Area High School in Birdsboro.

Students from the Montessori Academy of Pennsylvania in Boyertown will be bused to the Kutztown Area Junior High/Kutztown Elementary School.

Students from the Wayside Christian School in Boyertown will be bused to the administrator's home in Pikeville.

Students from the Pine Forge Academy and the Pine Forge SDA Elementary School will be bused to the Blue Mountain Academy in Hambury.

(Repeat list one time and continue message.)

Parents are urged not to telephone or to go to the school that their children are attending. This will only create confusion. Parents are to meet their children at the assigned host schools. I repeat, parents are urged not to telephone or to go to the school that their children are attending, but to meet their children at assigned host schools.

For more information, please refer to the school information and public information previously provided to you.

The preceding has been an announcement by the Berks County Emergency Management Agency giving parents instructions on where to meet their children who are attending school within an approximate ten-mile radius around the Limerick Generating Station."

(Repeat this message one time then end transmission.)

(This message shall be broadcast along with the General Evacuation announcement when instructions are given by the Emergency Management Agency to do so.)

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APPENDIX D-5

REENTRY AND RECOVERY EBS ANNOUNCEMENT

The following message has been released by the Berks County Emergency Management Agency and affects all Berks County residents who have evacuated.

"The Governor has announced that residents who evacuated the area around the Limerick Generating Station may begin the orderly return to their homes.

Procedures for reentry to the evacuated area have been planned to ensure the safety of all returning evacuees. Persons in mass care centers will be notified of their scheduled return. They should wait for notification before proceeding.

Return routes, which are generally the same as those used for evacuation, have been marked and will be manned by emergency personnel. Arrangements have been made for the sale of limited quantities of gasoline along the reentry routes. These locations will also be marked.

It is requested that each family cooperate with those who have been your hosts during this emergency by helping to restore evacuation facilities to their original condition and by assisting with general area cleanup before leaving.

The preceding has been an announcement by the Berks County Emergency Management Agency concerning the orderly reentry of evacuated residents to the area surrounding the Limerick Generating Station. Please stay tuned to this station for further information."

(Repeat this message one time then end transmission.)

(Thereafter, this message should be repeated every five minutes until the station is informed by the County Emergency Management Agency to end transmission.)

APPENDIX D-6

EBS STATION ANNOUNCEMENT*

"This station provides EBS announcements for residents of Berks County.

If you are not a Berks County resident, information pertaining to your county can be obtained by tuning to one of the following stations or others designated for your county:

For Chester County: Station WCOJ AM 1420 OR WCAU AM 1210

For Montgomery County: Station KYW AM 1060

Other counties are not affected."

* Primary EBS stations read this message between EBS announcement.

LIMERICK GENERATING STATION

EMERGENCY INFORMATION FOR BERKS, CHESTER AND MONTGOMERY COUNTIES

Berks County
Emergency Management Agency
Agricultural Building, R.D. #1
Leesport, Pennsylvania 19533

Chester County
Department of Emergency Services
Hazlett Building 14 East Biddle Street
West Chester, Pennsylvania 19380

Montgomery County
Office of Emergency Preparedness
100 Wilson Building
Eagleville, Pennsylvania 19403

Important Emergency Information

For All or Part of the Following Communities

Berks County

Amity Township*
Colebrookdale Township
Douglass Township

Earl Township*
Union Township*
Washington Township*

Chester County

Charlestown Township*
East Coventry Township
East Nantmeal Township*
East Pikeland Township
East Vincent Township
North Coventry Township
Phoenixville Borough

Schuylkill Township*
South Coventry Township
Spring City Borough
Upper Uwchlan Township*
Warwick Township*
West Pikeland Township*
West Vincent Township

Montgomery County

Collegetown Borough
Douglass Township
Green Lane Borough
Limerick Township
Lower Frederick Township
Lower Pottsgrove Township
Lower Providence Township
Lower Salford Township
Marlborough Township
New Hanover Township
Perkiomen Township

Pottstown Borough
Roxford Borough
Schwenksville Borough
Skipack Township
Trappe Borough
Upper Frederick Township
Upper Pottsgrove Township
Upper Providence Township
Upper Salford Township
West Pottsgrove Township

*Partially located in potential evacuation area.

This information is important. Do not discard. Keep in a handy place, such as your phone book.

Dear Resident:

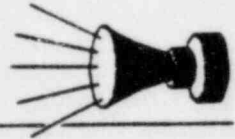
The following important information and specific instructions explain what you may be asked to do should a serious accident occur at the Limerick Generating Station.

The protective actions described represent specific procedures developed by, and coordinated through, your state, county and municipal governments. Each level of government has prepared detailed plans to ensure a safe and coordinated public response to an emergency. It is important that you respond quickly but calmly when notified that protective actions are to be taken.

THIS INFORMATION IS IMPORTANT. Please read the entire section. We recommend that you underline or circle the directions for your municipality under "Where to Go" and refer to the map for the routes that will be used. This information should also be reviewed with the members of your family.

County Board of Commissioners

How Will You Learn Of A Nuclear Incident?



If there is significant information that could affect your safety, or if protective actions are required to protect health and safety, the standard "Alert Signal" will be sounded over the siren system that has been installed within an approximate ten-mile radius of the Limerick Generating Station. This signal is a steady three to five minute signal — not a wailing or warbling signal. If the Alert Signal is sounded in your community, tune your radio or TV to one of the County Emergency Broadcast Stations. A message will be broadcast advising you what action should be taken. The sounding of the sirens will be monitored by municipal officials. Should a siren fail to activate, residents will be alerted by municipal police and firefighters using mobile public address systems or door-to-door notification.

Don't use the telephone to try to get emergency information. That seldom will bring results and could tie up lines urgently needed for emergency operations aimed at your protection.

EMERGENCY PLANS

State, county and municipal emergency plans have been developed and exercised for response to an accident at the Limerick Generating Station. The plans were designed to coordinate and support emergency actions that may be necessary should an accident occur.

BERKS COUNTY ALERT & WARNING/E.B.S. STATIONS

AM	FM	TV
WHUM	1240	

And participating county radio stations.

This emergency information was developed by each county emergency management agency with the support of the Pennsylvania Emergency Management Agency in accordance with state law and federal regulations. This important information was placed in the telephone directory by the Philadelphia Electric Company, in cooperation with your county government.

**CHESTER COUNTY
ALERT & WARNING/E.B.S. STATIONS**

	AM	FM	TV
WCAU	1210		
WCOJ	1420		

And participating county radio stations.

**MONTGOMERY COUNTY
ALERT & WARNING/E.B.S. STATIONS**

	AM	FM
KYW	1060 AM	

And participating county radio stations.

If you have a neighbor who is hard of hearing or visually handicapped, please check to ensure that this neighbor has received the alert and understands what to do.

**If You Are
Told To Take Shelter**



Should you be directed to take shelter (remain indoors), there will be several things you need to do:

- Close all outside doors and windows. This will help to keep out any radioactive materials which may be outdoors.
- Turn off or close all outside air intakes.
- Keep pets inside, and to the extent possible shelter farm animals.
- Keep your radio or TV turned on and listen for further emergency instructions.
- Don't use the telephone - leave lines open for emergency communications.
- Persons traveling within the area in motor vehicles should roll up windows and close air vents.
- Those not at home should take the best available shelter.
- Any other precautions deemed necessary while taking shelter will be broadcast by county officials at the time. Stay tuned to your local Emergency Broadcast Station.

Stay indoors until you receive official notice that it is safe to go out. Special arrangements will be made by state, county and municipal officials to take care of school children and hospital patients.

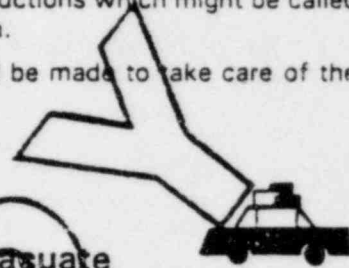
Farm Animals

Farmers affected by a Take Shelter or Evacuation advisory should shelter their animals and contact their county USDA agricultural agent for further instructions regarding protection of livestock and foodstuffs.

EVACUATION INFORMATION

If it is necessary to evacuate an area, you will be informed by an announcement on your EBS Station. The message will include any special instructions which might be called for by the particular situation.

Special arrangements will be made to take care of the sick and the disabled.



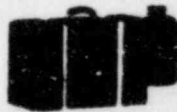
If You Are Told To Evacuate

If you are advised to evacuate, follow instructions promptly and carefully. The map identifies main evacuation routes. Also see the "Where To Go" section in this brochure which describes, by municipality, where you should go for temporary accommodations and the highways to use.

School students will be relocated to identified host schools. See the "School Section" in this brochure for specific information.

When instructed to leave, secure your home as you would for a three day trip.

What to Take With You



You should plan to spend a minimum of three days away from home. Bring only essential items and avoid excess baggage. Take only what you need and then in small quantities.

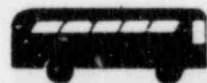
Suggested items to take:

- Clothing appropriate for the season
- Sleeping bags or blankets
- Prescription drugs
- Personal care items
- Baby supplies
- Pet supplies

Pets and Pet Supplies

For sanitary reasons, pets will not be allowed inside m. care centers. You are responsible for their care.

**If You Need
Transportation**



If you are instructed to evacuate and you do not have transportation, attempt to obtain a ride with neighbors, a friend or a relative who lives nearby.

If this is not possible, transportation can be arranged by calling your municipal Emergency Management Agency. For telephone numbers see the "Where To Go" section in this brochure.

SCHOOL INFORMATION



Parents of children attending schools within the emergency planning zone are urged NOT to call or go to the schools when protective action recommendations, such as sheltering or evacuation, have been issued. This would only add confusion and could hinder school authorities from the special provisions that have been made to protect your children.

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 there under school supervision until picked up by parents or guardians. These Student Pick-Up Points have been planned to coincide with main evacuation routes.

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

Specific information concerning Student Pick-Up Points will be provided to parents by school officials. If your child's school is subject to evacuation and you are not aware of the designated pick-up point, contact the school principal or school district superintendent and request this important information now. Don't wait.

BERKS COUNTY — Where To Go

Example

Municipality

Routes (Evacuation routes controlled by police for efficient movement out of your area. Once outside the 10-mile Emergency Planning Zone, use appropriate routes to your destination. If you need a temporary place to stay, continue on the designated Evacuation Route to the identified Reception Center.)

Reception Center (Report to the identified Reception Center if you need a temporary place to stay. At the Reception Center you will be given directions to a Mass Care Center nearby.)

Transportation Assistance (Emergency telephone numbers for those in need of transportation assistance only.)

Amity Township* — Amity Gardens

Take Route 422 West to:
Reading Mall, Reading
(215) 689-9415

Amity Township* — East

Take Route 662 North to:
Oley Valley High School, Oley
(215) 367-8500

Bovertown Borough

Take Route 73 West to:
Oley Valley High School, Oley
(215) 367-2688

Colebrookdale Township — West of Route 100

Take Route 73 West to:
Oley Valley High School, Oley
(215) 369-1362

Colebrookdale Township — East of Route 100

Take Route 100 North to:
Emmaus High School, Emmaus
(215) 369-1362

Douglass Township — South

Take Route 662 North to:
Oley Valley High School, Oley
(215) 367-8500

Douglass Township — North

Take Route 562 West to Route 662 North to:
Oley Valley High School, Oley
(215) 367-8500

Earl Township*

Take Route 562 West to 662 North to:
Oley Valley High School, Oley
(215) 367-9673

Union Township*

Take Route 724 West to:
Cumru Elementary School, Shillington
(215) 835-3769
(215) 582-3769

Washington Township*

Take Route 100 North to:
Emmaus High School, Emmaus
(215) 845-2877

*Municipalities with an asterisk are partially located in the potential evacuation area. See map for area included

CHESTER COUNTY — Where To Go

Charlestown Township*

Take Route 29 South to Route 202 South to:

West Goshen Shopping Center, West Goshen

(215)

East Coventry Township

Take Route 23 West to:

Morgan Corporation, Morgantown

(215) 495-6063

East Nantmeal Township* - West

Take Route 401 North to Route 23 West to:

Morgan Corporation, Morgantown

(215) 458-5780

East Nantmeal Township* - East

Take Route 100 South to Route 113 South to Route 30 Bypass West to 322 West to:

Downingtown High School, Downingtown

(215) 458-5780

East Pikeland Township

Take Route 113 South to Gordon Drive to Route 100 South to:

Exton Mall, Exton

(215) 933-9961

East Vincent Township

Take Route 113 South to Gordon Drive to Route 100 South to:

Exton Mall, Exton

(215) 933-4424

North Coventry Township - South

Take Route 23 West to:

Morgan Corporation, Morgantown

(215) 323-1694

North Coventry Township - North

Take Route 724 West to:

Cumru Elementary School, Shillington

(215) 323-1694

Phoenixville Borough

Take Route 23 East to Route 202 South to:

West Goshen Shopping Center, West Goshen

(215) 933-8801

Schuylkill Township* - East

Take Route 23 East to Route 202 South to:

West Goshen Shopping Center, West Goshen

(215) 933-5843

Schuylkill Township* - West

Take Route 29 South to Route 202 South to:

West Goshen Shopping Center, West Goshen

(215) 933-5843

South Coventry Township - North

Take Route 23 West to:

Morgan Corporation, Morgantown

(215)

South Coventry Township - South

Take Route 100 South to Route 113 South to Route 30 Bypass West to Route 322 West to:

Downingtown High School, Downingtown

(215)

Spring City Borough

Take Route 724 East to Route 113 South to Gordon Drive to Route 100 South to:

Exton Mall, Exton

(215) 948-3660

Upper Uwchlan Township

Take Route 100 South to Route 113 South to Route 30 Bypass West to Route 322 West to:

Downingtown High School, Downingtown

(215) 363-9450

Warwick Township*

Take Route 23 West to:

Morgan Corporation, Morgantown

(215) 286-5557

West Pikeland Township*

Take Route 113 South to Gordon Drive to Route 100 South to:

Exton Mall, Exton

(215) 827-9218

West Vincent Township

Take Route 100 South to Route 113 South to Route 30 Bypass West to Route 322 West to:

Downingtown High School, Downingtown

(215) 827-7932

*Municipalities with an asterisk are partially located in the potential evacuation area. See map for area included.

MONTGOMERY COUNTY — Where To Go

Collegeville Borough

Take Route 422 East to Pennsylvania Turnpike East to Exit 27 to:

Willow Grove Industrial Park, Willow Grove

(215) 489-4464

Douglass Township

Take Route 100 North to Route 29 North to:

Emmaus High School, Emmaus

(215) 367-0277

(215) 367-9191

Green Lane Borough

Take Route 63 East to Route 113 North to:

County Line Plaza, Telford

(215) 234-9000

Limerick Township

Take Route 422 East to Pennsylvania Turnpike East to Exit 27 to:

Willow Grove Industrial Park, Willow Grove

(215) 495-6432

Lower Frederick Township

Take Route 29 North to Perkiomenville Road to Route 63 East on Route 113 North to:

County Line Plaza, Telford

(215) 287-8857

Lower Pottsgrove Township

Take Route 663 North to Route 309 North to:

Southern Lehigh School, Center Valley

(215) 323-1380

(215) 323-0436

Lower Providence Township

Take Route 363 South to Pennsylvania Turnpike East to Exit 28 to Route 1 North to:

Neshaminy Mall, Cornwells Heights

(215) 539-8000

Lower Salford Township

Take Route 113 North to:

County Line Plaza, Telford

(215) 256-8087

Marlborough Township*

Take Route 63 East to Route 113 North to:

County Line Plaza, Telford

(215) 234-9300

New Hanover Township

Take Route 663 North to Route 309 North to:

Southern Lehigh School, Center Valley

(215) 323-1008

Perkiomen Township

Take Route 29 South to Route 113 North to Route 73 East to Route 202 North to:

Montgomery Mall, North Wales

(215) 489-4034

Pottstown Borough — Northwest

Take Route 100 North to Route 29 North to:

Emmaus High School, Emmaus

(215) 326-3100

Pottstown Borough — Northeast

Take Route 663 North to Route 309 North to:

Southern Lehigh School, Center Valley

(215) 326-3100

Pottstown Borough — Southwest

Take Route 422 West to:

Reading Mall, Reading

(215) 326-3700

Pottstown Borough — Southeast

Take Route 724 West to:

Sumru Elementary School, Shillington

(215) 326-3100

Royersford Borough

Take Township Line Road to Route 422 East to Pennsylvania Turnpike East to Exit 27 to:

Willow Grove Industrial Park, Willow Grove

(215) 948-3737

Schwenksville Borough

Take Route 73 East to Route 202 North to:

Montgomery Mall, North Wales

(215) 287-8997

Skippack Township

Take Route 113 North to Route 73 East to Route 202 North to:

Montgomery Mall, North Wales

(215) 584-5453

Trappe Borough — North

Take Route 113 North to Route 73 East to Route 202 North to:

Montgomery Mall, North Wales

(215) 489-2700

Trappe Borough — South

Take Route 422 East to Pennsylvania Turnpike East to Exit 27 to:

Willow Grove Industrial Park, Willow Grove

(215) 489-2700

Upper Frederick Township

Take Route 63 East to Route 113 North to:

County Line Plaza, Telford

(215) 754-6436

Upper Pottsgrove Township

Take Route 100 North to Route 29 North to:

Emmaus High School, Emmaus

(215) 323-8675

Upper Providence Township

Take Pottstown bypass to I-276 East to Exit 28 to Route 1 North to:

Neshaminy Mall, Cornwells Heights

(215) 933-9197

(215) 933-8608

Upper Providence Township — Alternate

Take Route 363 South to I-276 East to Exit 28 to Route 1 North to:

Neshaminy Mall, Cornwells Heights

(215) 933-9197

(215) 933-8608

Upper Salford Township

Take Route 63 East to Route 113 North to:

County Line Plaza, Telford

(215) 287-6160

West Pottsgrove Township

Take Route 422 West to:

Reading Mall, Reading

(215) 323-7717

*Municipalities with an asterisk are partially located in the potential evacuation area. See map for area included.

How Are Accidents Classified?

Should an accident occur at the Limerick Generating Station, there are four accident classifications you might hear reported on radio, TV or read in the newspapers. So that you will understand their meaning, they are explained in the order of their potential seriousness:

Unusual Event — Unusual events are in process or have occurred which indicate a potential degradation of the level of safety of the plant. No releases of radioactive material requiring offsite response or monitoring are expected unless further degradation of safety systems occurs.

Alert — Events are in process or have occurred which involve an actual or potential substantial degradation of the level of safety of the plant. Any releases are expected to be limited to small fractions of the Protective Action Guideline exposure levels established by the Federal Environmental Protection Agency (EPA).

Site Emergency — Events are in process or have occurred which involve actual or likely major failures of plant functions needed for protection of the public. Any releases are not expected to exceed EPA Protective Action Guideline exposure levels except near the plant boundary.

General Emergency — Events are in process or have occurred which involve actual or imminent substantial core degradation or melting with potential for loss of containment integrity. Releases can be reasonably expected to exceed EPA Protective Action Guideline exposure levels offsite for more than the immediate plant area.

RUMOR CONTROL TELEPHONE NUMBERS

BERKS COUNTY — (215) 374-4809

CHESTER COUNTY — (215) 431-6480

MONTGOMERY COUNTY — (215) 631-9700, 9709

What is Radiation?

Nuclear radiation consists of energy in the form of invisible particles or rays given off by radioactive material. Small amounts of radioactive material occur naturally and always have been part of man's environment. Radioactive materials in varying amounts are present in the earth's crust, the sun's rays, the air we breathe, the food we eat and the water we drink. As a result, every person has radioactive materials within his body. Larger amounts of radioactive materials are produced by and contained within a nuclear power plant.

Man's use of radioactive materials also results in radiation exposure. For example, doctors and scientists have utilized X-rays in medical treatment for many years.

The amount of radiation a person receives is measured in terms of radiation dose. The unit used to measure this dose is called a *millirem*.

The following table shows examples of typical radiation doses due to natural radioactive materials or man's use of radioactive materials compared to the worst estimated exposure received by an individual during the TMI-2 accident in 1979.

Source	Millirem Per Year
Color television	1
Airline travel (typical airline passenger who makes 10 flights per year)	3
Natural radioactive materials within the body	200
Medical X-rays (average patient)	20
Cosmic rays	27
Natural radioactive materials in the earth	46
Maximum offsite exposure during TMI accident	70

* "The Effects on Populations of Exposure to Low Levels of Ionizing Radiation," National Academy of Science, 1980.

** Report of the President's Commission on the accident at Three Mile Island, October 1979, Page 32.

ANNEX E

FIRE AND RESCUE

I. PURPOSE

- A. To provide fire and rescue services onsite if requested.
- B. To provide fire and rescue services to both support and risk areas of Berks County in the event of an incident at the Limerick Generating Station.
- C. To assist municipal governments in notifying the population of protective actions to be taken.

II. RESPONSIBILITIES

- A. The responsibility for fire and rescue protection for their coverage areas will remain with the individual companies of Berks County.
- B. Fire and rescue companies serving the plume exposure pathway EPZ will follow municipal emergency plans to provide supplemental notification of the population (route alerting).
- C. The Berks County Fire Coordinator will be responsible for coordinating fire and rescue coverage, equipment and personnel.
- D. Municipal Fire Services Officers are responsible for coordinating fire and rescue coverage, equipment and personnel needs with the County Fire Coordinator.
- E. Fire and rescue companies will provide on-going emergency services for evacuated areas by way of task force groups.

III. DEFINITIONS

- A. Risk Fire and Rescue Companies - Companies physically located within the plume exposure pathway EPZ. (reference Appendix E-2)
- B. Support Fire and Rescue Companies - Companies physically located outside the plume exposure pathway EPZ which serve portions of the plume exposure pathway EPZ. (reference Appendix E-2)
- C. Task Force - A group of fire departments responding as a tactical group rather than as separate units.
- D. Task Force Commander - Officer in charge of a task force.
- E. Relocation Point - A place outside the plume exposure pathway EPZ to which risk Fire and Rescue Companies will relocate and from which will respond to missions in the EPZ as needed.

- F. Route Alerting - Supplement to the public alert system using vehicles with loudspeakers and door-to-door notification where necessary.

IV. REQUIREMENTS

- A. To ensure protection for their respective municipalities, Berks County fire and rescue companies serving the plume exposure pathway EPZ for the Limerick Generating Station will provide route alerting as a supplement to the public alert system, as well as continue normal fire and rescue services.
- B. In the event of an incident at the Limerick Generating Station, the primary means of notifying Berks County fire and rescue companies will be by radio, with telephone as a backup.

V. CONCEPT OF OPERATIONS

A. Unusual Event

- 1. Fire and rescue companies will provide emergency services onsite at Limerick if requested by Montgomery County.

B. Alert

- 1. Fire and rescue companies will provide emergency services onsite at Limerick if requested by Montgomery County.
- 2. When requested, the Fire Coordinator will report to the Berks County EUC.
- 3. Fire and rescue companies serving the plume exposure pathway EPZ will be notified (reference Appendix E-2).
- 4. In the event of activation of the Public Alert System, all Fire and Rescue services serving the EPZ will:
 - a. be prepared to conduct route alerting in the event of system malfunction;
 - b. be notified in advance of the designated system activation time;
 - c. commence route alerting in areas where necessary;
 - d. report to their dispatcher upon completion of route alerting.

C. Site Emergency

- 1. The Fire Services Coordinator will report to the County EUC and notify his staff to do the same.

2. Fire and rescue services serving the plume exposure pathway EPZ will:
 - a. be notified and placed on standby status.
 - b. obtain dosimetry and radioprotective drugs from their respective municipal EOC's and distribute them to their emergency workers.

(CAUTION: Emphasize to emergency workers that they should not administer radioprotective drugs to themselves until such time as the Pennsylvania Secretary of Health recommends it.)

3. The Fire Services Coordinator will respond to all relevant identified or reported municipal unmet needs.
4. In the event of activation of the Public Alert System, all Fire and Rescue services serving the EPZ will:
 - a. be prepared to conduct route alerting in the event of system malfunction;
 - b. be notified in advance of the designated system activation time;
 - c. commence route alerting in areas where necessary;
 - d. report to their dispatcher upon completion of route alerting.

D. General Emergency

1. Same actions as for Site Emergency.
2. Fire and rescue services serving the plume exposure pathway EPZ will:
 - a. be notified of the declaration of a General Emergency and prepare for route alerting.
 - b. be notified in advance of the time the public alert system is to be activated.
 - c. commence route alerting where necessary after the system has been activated.
 - d. report to their dispatcher upon completion of route alerting. Teams will then be assigned:
 - (1) If an evacuation is ordered or recommended, to an emergency worker decontamination station and from there to return to quarters, or, if located within the EPZ, to a preassigned relocation point (reference Appendices E-3 and E-5); or

- (2) If sheltering is recommended, to an emergency worker decontamination station (reference Appendix E-5) and from there to return to quarters, or if no protective action is given, to quarters to await another assignment; or
 - (3) To another assignment.
- e. take radioprotective drugs if recommended by the Pennsylvania Secretary of Health.
3. If relocation is necessary, fire and rescue companies will continue to provide protection to the evacuated area by task force insofar as radiation levels will allow. The Radiological Officer will advise.
 4. The Fire Services Coordinator will ensure that appropriate relocation points outside the plume exposure pathway EPZ are notified that the relocating companies are enroute (reference Appendix E-3).

APPENDICES:

- E-1. Berks County Fire Coordinator and Staff
- E-2. Berks County Fire and Rescue Companies
- E-3. Relocation Points for Berks County Fire and Rescue Companies Within the Plume Exposure Pathway EPZ
- E-4. Berks County EPZ Fire and Rescue Companies Equipment/Personnel Inventory
- E-5. Emergency Worker Decontamination Stations
- E-6. Route Alerting Assignments

APPENDIX E-1

BERKS COUNTY FIRE COORDINATOR AND STAFF

		<u>OFFICE</u>	<u>HOME</u>
County Fire Coordinator:	William Campbell	375-6121 ext. 225	1-369-1910
Deputy Fire Coordinator:	Sterling Withers	375-8482	678-7386

APPENDIX E-2

BERKS COUNTY FIRE AND RESCUE COMPANIES

I. Fire and Rescue Companies located within the Plume Exposure Pathway EPZ:

<u>Company No.</u>	<u>Company Name</u>	<u>Emergency Telephone</u>	<u>Social Telephone</u>
15	Boyertown (Friendship)	367-2500 ¹	367-2300
16	Boyertown (Keystone)	367-2500 ¹	367-2200
17	New Berlinville (Liberty)	367-2500 ¹	367-2400

II. Fire and Rescue Companies serving the Plume Exposure Pathway EPZ not located within the EPZ:

<u>Company No.</u>	<u>Company Name</u>	<u>Emergency Telephone</u>	<u>Social Telephone</u>
6	Monocacy (Monarch)	378-5500*	385-3310
19	Shanesville (Earl Twp.)	367-2500 ¹	369-1800
22	Barto	845-2877	845-7653
36	Kulptown (Union Twp.)	378-5500*	582-4730
49	Amity	378-5500*	689-9550

III. Fire and Rescue Companies not normally serving the Plume Exposure Pathway EPZ:

<u>Company No.</u>	<u>Company Name</u>	<u>Emergency Telephone</u>	<u>Social Telephone</u>
1	Mount Penn	376-6464** 779-4931	779-9930 779-6723
2	Reiffton	779-1950**	779-9912
3	Stonersville	689-5341	689-9991
4	Lower Alsace	779-4444** 378-5500	779-9946
5	Uley	987-6200	987-6209

- ¹ Boyertown Borough Communications
- * Berks County Communications
- ** Wells Fargo Communications

7	Birdsboro	378-5500*	582-2631
8	Alsace Manor	929-0761	929-9021
9	Morgantown	286-5900 ¹	--
10	Goodwill (Hyde Park)	378-5500*	929-9041
11	Temple	376-0691**	929-9018
12	Blandon	926-2811	926-1041
13	Central of Laureldale	929-2414**	929-9048
14	Bally	845-7200	845-2000
20	Bechtelsville	367-2500	367-2000
21	Topton	682-2500	--
23	Gibraltar	374-8144**	582-8612
24	Geigertown	286-5900 ¹	286-6481
25	Honeybrook	857-5507	273-3338
26	Robesonia	693-3238 (Zone 3)	--
27	Rehlersbury	693-3238 (Zone 3)	--
28	Mount Aetna	693-3238 (Zone 3)	--
29	Bernville	488-6688	488-6592
30	Mount Pleasant	488-1911	488-1379
31	Wernersville	378-5500 593-3238 (Zone 3)	678-9196
32	Walnuttown	944-7322	
33	Virginville	376-0691**	562-8389
34	Ruscombmanor	378-5500*	944-9851
35	Lyons	682-7500	682-2982
37	Leesport	373-5777**	926-1251

* Berks County Communications
 ** Wells Fargo
¹ Chester County Communications

38	Central of Berks (Centreport)	926-2116	926-1910
39	Seisholtsville	845-2200	845-2102
40	Shoemakersville	562-4351	--
41	Shartlesville	488-6393	488-6482
42	Cedar Top	374-2026 (Wyo Base)	777-9852
43	Lower Heidelberg	372-2616 (Wyo Base)	678-9122
44	Kempton	378-5500*	--
45	Fleetwood	944-7022	944-7937
46	Kutztown	683-3123	683-8703
47	Womelsdorf	693-3238 (Zone 3)	589-2323
48	Wernersville State Hospital	378-5500*	--
50	Strausstown	488-6393	--
51	Sinking Spring	373-2997 (Wyo Base)	678-4808
52	Stouchsburg	589-2410	--
53	Frystown	693-3238 (Zone 3)	--
54	Bethel	693-3238 (Zone 3)	--
68	Hereford Estates	679-6922	--
61	Hambury	562-3055	562-3055

ZONE FOUR (ALL DISPATCHED BY WYUMISSING BASE)

1	Wyomissing	376-6707	373-9206
2	Berkshire Heights	376-6707	373-9146
4	West Reading	373-1880	372-6921

* Berks County Communications

** Wells Fargo

5	West Lawn	373-3600	--
6	Sinking Spring	373-2997	678-4808
7	Mohnton	777-3777	777-9100
8	West Wyomissing	373-5848	678-9591
9	Lincoln Park	374-1010	777-0494
10	Fritztown	373-3533	678-9502
11	Shillington	376-4593	777-9063
12	Gouglersville	374-2534	777-2449
13	Grill	373-3338	777-9151
14	Kenhorst	375-4141	777-9195
15	Vinemont	373-1410	--
16	Greenfields	373-7375	373-9356
17	Lower Heidelberg	372-2616	678-9122
18	Brecknock	372-2410	777-9575
19	Cedar Top	374-2026	777-9852

APPENDIX E-3

RELOCATION POINTS FOR BERKS COUNTY

FIRE AND RESCUE COMPANIES WITHIN EPZ

Fire Stations Within EPZ

Boyertown - Friendship

Boyertown - Keystone

New Berlinville

Relocation Centers

Earl Township Fire Company

Bechtelsville Fire Company

Bally Fire Department

APPENDIX E-4

BERKS COUNTY FIRE AND RESCUE COMPANIES SERVING THE LIMERICK EPZEQUIPMENT/PERSONNEL INVENTORY

<u>Company</u>	<u>Equipment</u>	<u>Active Personnel (Approximate)</u>
#6 Monocacy (Monarch)	2 pumpers with PA 1 brush truck with PA 1 tanker with PA	30
#15 Boyertown (Friendship)	1 rescue truck with PA 1 brush truck with PA 2 pumpers with PA 1 ladder truck with PA	30
#16 Boyertown (Keystone)	2 pumpers with PA 2 brush trucks with PA	35
#17 New Berlinville (Liberty)	2 pumpers with PA 1 jeep with PA 1 tanker with PA	40
#19 Earl Township	1 tanker with PA 1 brush truck with PA 1 pumper with PA	25
#22 Barto	1 tanker with PA 1 pumper with PA 1 brush truck with PA	20
#36 Kulptown (Union Twp.)	1 pumper with PA 1 tanker with PA 1 brush truck with PA 1 jeep with PA	35
#49 Amity	2 pumpers with PA 1 rescue truck with PA 1 brush truck with PA 1 tanker with PA	35

APPENDIX E-5

EMERGENCY WORKER DECONTAMINATION STATIONS

1. Northern Area: Uley Valley High School* (215) 987-6217 (days)
Oley
Robert Lesko (215) 929-5104 (nights)
Norman Reinert (215) 987-6324 (nights)

2. Southern Area: Daniel Boone Senior High School** (215) 582-2261 (days)
Birdsboro
Dr. Joseph Mainello (215) 385-6225 (nights)

*This facility also serves as a Reception Center. Coordinate notification with the EMA Director.

**This facility also serves as a host school. Coordinate notification with the School Services Officer.

APPENDIX E-6
ROUTE ALERTING ASSIGNMENTS

Reference Appendix C-6

ANNEX F

POLICE SERVICES

I. PURPOSE

To establish procedures for the utilization of county and municipal law enforcement agencies in support of emergency operations, to include an evacuation of the plume exposure pathway EPZ surrounding Limerick Generating Station, and to limit access to areas where the population is taking shelter or has evacuated.

II. RESPONSIBILITIES

- A. The Pennsylvania State Police Troop L in Reading will coordinate its police activities with Berks County. It is responsible for planning and coordinating access control and for the control of traffic on main evacuation routes.
- B. Municipal police departments will continue their normal responsibilities. Special assignments regarding security will be coordinated with the Pennsylvania State Police through the Berks County Emergency Management Agency.
- C. The Berks County Sheriff's Office will assist the Berks County Emergency Management Agency as requested by the EMA Director.
- D. Upon order to State Active Duty by the Governor, the Pennsylvania National Guard will assist with security in risk areas as requested.
- E. The Pennsylvania State Police, supported by the National Guard and municipal police, will control access to evacuated areas or areas where the population is taking shelter.

III. DEFINITIONS

- A. Risk Police Department - Departments within the plume exposure pathway EPZ.
- B. Support Police Departments - Departments located outside the plume exposure pathway EPZ which serve areas within the EPZ.
- C. Relocation point - A place to which police departments will relocate outside the plume exposure pathway EPZ and from which will respond to missions in the EPZ as needed.

IV. REQUIREMENTS

- A. To ensure police protection for their respective municipalities in risk areas of Berks County, police departments within the plume exposure pathway EPZ will maintain police protection for their respective municipalities.

- B. In the event of an incident at Limerick Generating Station, the police departments shall be notified by radio as primary means of communication and telephone as secondary means of communication.

V. CONCEPT OF OPERATIONS

A. Unusual Event

1. Police departments will provide onsite emergency services if requested.

B. Alert

1. Berks County Police departments will provide onsite emergency services if requested.
2. Security checkpoints are established at the Berks County EOC.
3. When requested, the Police Services Coordinator reports to the Berks County EOC.
4. Police departments located within or serving the Plume Exposure Pathway EPZ will be alerted and briefed on the situation.
5. The Berks County Sheriff's Department will dispatch vehicles to deliver radiation dosimeters and radioprotective drugs to risk municipalities.
6. Police departments will maintain coverage of their areas.
7. The Pennsylvania State Police Headquarters will be notified by PEMA.

C. Site Emergency

1. Same actions as for Alert.
2. The Police Services Coordinator reports to the EOC and notifies appropriate staff to do the same.
3. The Police Services Coordinator will ensure that all police departments located within or serving the plume exposure pathway EPZ have:
 - a. been notified of the Site Emergency declaration.
 - b. been placed on standby status.
 - c. obtained dosimetry and radioprotective drugs from their respective municipal EOCs and distributed same to their emergency workers. (NOTE: Emphasize to emergency workers that they should not administer radioprotective drugs to themselves until such time as the Pennsylvania Secretary of Health recommends it.)

4. The Police Services Coordinator notifies local police departments located outside the plume exposure pathway EPZ with traffic control responsibilities (reference Appendices F-1 and F-4).
5. The Police Services Coordinator confirms the activation of traffic and/or access control points if a protective action is recommended.

D. General Emergency

1. Same actions as for Site Emergency.
2. The Police Services Coordinator will ensure that all police departments located within the plume exposure pathway EPZ have:
 - a. been notified of the General Emergency declaration.
 - b. been notified of the designated public alert system activation time.
 - c. been advised of protective action recommendations if any are made.
3. If the recommended protective action is Sheltering, the Police Services Coordinator will ensure that:
 - a. Access Control Points are manned for security (reference Appendix F-3).
 - b. Police emergency workers are instructed to administer radioprotective drugs to themselves if recommended by the Pennsylvania Secretary of Health.
 - c. Upon the completion of all missions, police emergency workers are assigned to an emergency worker decontamination station or to return to quarters to await additional assignment.
4. If the recommended protective action is Evacuation, the Police Services Coordinator shall ensure that:
 - a. access control points are manned for security (reference Appendix F-3).
 - b. traffic control points are manned on feeder evacuation routes and main evacuation routes (reference Appendix F-4).
 - c. police departments within the plume exposure pathway EPZ and on evacuation routes are coordinating with municipal public works officers to assist disabled motorists, obtain signs, barricades and other needed equipment.

- d. upon completion of the evacuation, EPZ police departments are instructed to report in to their dispatcher and will be assigned to:
- (1) continue providing security coverage to their service area insofar as radiation levels permit; or
 - (2) other special duties as necessary; or
 - (3) an emergency worker decontamination station and from there to preassigned relocation points outside the EPZ (reference Appendix F-2).
 - (a) Relocation points outside the plume exposure pathway EPZ should be notified that the relocating departments are enroute (reference Appendix F-2).
 - (b) Relocated departments will continue to provide coverage to their respective service areas from outside the EPZ insofar as radiation levels allow.
- e. recommendations for the administration of radioprotective drugs are relayed if received from the Pennsylvania Secretary of Health.

APPENDICES:

- F-1. Berks County Police Departments and Chiefs
- F-2. Relocation of Berks County Police Departments within the Plume Exposure Pathway EPZ
- F-3. Berks County Access Control Points
- F-4. Berks County Traffic Control Points - Feeder and Main Evacuator Routes
- F-5. Emergency Worker Decontamination Stations

APPENDIX F-1

BERKS COUNTY POLICE DEPARTMENTS AND CHIEFS

<u>Municipality</u>	<u>Chief</u>	<u>Address</u>	<u>Telephone</u>
City of Reading	Rodney E. Steffy	City Hall 8th & Washington Streets Reading, PA 19601	373-5111 Ext. 241
<u>Boroughs</u>			
Bally	Phillip Ferrizzi	811 Chestnut Street Bally, PA 19503	367-2500
Bechtelsville	Michael S. Skulrak (Agreement with neighboring dis- tricts)	175 S. Main Street Bechtelsville, PA 19505	367-5482
Bernville	Police Officer Eugene M. Markowski	349 N. 6th Street Reading, PA 19601	375-9072
Birdsboro	Warren Delp	Borough Hall 113 E. Main Street Birdsboro, PA 19508	582-4450
Boyertown**	Darius Puff	Borough Hall 100 S. Washington Street Boyertown, PA 19512	582-2688
Centerport	Charles Borkey	R. D. #1 Mohrsville, PA 19541	926-2525
Fleetwood	Earl R. Fox	230 W. Vine Street Fleetwood, PA 19522	944-7011
Hamburg	Gene S. Schappell	Borough Hall 31 N. 3rd Street Hamburg, PA 19526	562-7228
Kenhorst	Arthur C. Raybuck	1400 Commonwealth Blvd. Kenhorst, Reading, PA 19607	777-5131
Kutztown	Ronald Gardner	Roeller Alley Kutztown, PA 19530	683-3104
Laureldale	Ralph L. Witwer	3406 Kutztown Road Laureldale, PA 19605	929-8700

* = Serving EPZ.

** = Located within EPZ.

BERK COUNTY POLICE DEPARTMENTS AND CHIEFS (CONT'D.)

<u>Municipality</u>	<u>Chief</u>	<u>Address</u>	<u>Telephone</u>
Leesport	Alex Romanies	300 E. Shackamaxon Street Leesport, PA 19533	926-2921
Lenhartsville	State Police patrol Borough	Hamburg, PA 19526	562-7525
Lyons	Contractual agreement with Borough of Kutztown		683-3104
Mohnton	John B. Stuebner, Sr.	Borough Hall 21 N. U'Neil Street Mohnton, PA 19540	775-0660
Mt. Penn	Barry W. Cardell	200 N. 25th Street Mt. Penn Reading, PA 19606	779-5151
Robesonia	Samuel Perrotto Robesonia Borough & Heidelberg Twp. Police Depts. are merged	R. D. #3 Wernersville, PA 19565	(H) 678-3062 (R) 375-4545
St. Lawrence	NONE - Under contract with Exeter Township		779-1490
Shillington	Quentin T. Hamory	306-1 Springside Dr. E. Springside Manor Apts. Reading, PA 19607	777-5811
Shoemakersville	Clair L. Frankhouser	Borough Hall 506 Main Street Shoemakersville, PA 19555	562-8030
Sinking Spring	John Habecker	Borough Hall 502 Penn Avenue Sinking Spring, PA 19608	678-1906
Strausstown	NONE		
Temple	Earl K. Fidler	Borough Hall 702 Euclid Avenue Temple, PA 19560	929-0479
Topton	Paul Whary	Box 528 Kutztown, PA 19530	
Wernersville	James R. Klinge	38 W. Penn Avenue Wernersville, PA 19565	678-1650
West Lawn	Llewellyn R. Hemig	118 Rosemont Avenue Montrose Manor Reading, PA 19607	777-2418

BERKS COUNTY POLICE DEPARTMENTS AND CHIEFS (CONT'D.)

<u>Municipality</u>	<u>Chief</u>	<u>Address</u>	<u>Telephone</u>
West Reading	Jack Crawford	Borough Hall 500 Chestnut Street West Reading, PA 19611	374-8273
Womelsdorf	Ronald H. Quinter	Penn Avenue Wernersville, PA 19565	693-3238
Wyomissing	David Y. Bausher	Borough Hall 22 Reading Boulevard Wyomissing, PA 19610	376-7481
Wyomissing Hills	Herman A. Hopp	322 Amy Court Shillington, PA 19607	775-3128
<u>Townships</u>			
Albany	NONE - Covered by State Police		
Alsace	NONE - Covered by State Police		
Amity*	Maurice E. Eschbach	Township Building P. U. Box 38 Athol, PA 19502	689-9800
Bern	VACANT		926-2535 Co. Radio 375-4545 Car 141 & 142
Bethel	Ray T. Patrick	Mt. Aetna, PA 19544	(717) 933-8340
Brecknock	Robert A. Keffer	R. D. #4 3485 Mohnton, PA 19540	856-7172
Caernarvon	Edgar A. Kirlin	Morgantown, PA 19543	286-9269
Centre	Kenneth C. Borkey, Sr.	Route #1, Box 84X Mohrsville, PA 19541	488-1189
Colebrookdale**	Daniel H. Sands, Jr.	R. D. #1 Boyertown, PA 19512	367-5550 367-2500 (Boyertown) Answering Service)

* = Serving EPZ.

** = Located within EPZ.

BERKS COUNTY POLICE DEPARTMENTS AND CHIEFS (CONT'D.)

<u>Municipality</u>	<u>Chief</u>	<u>Address</u>	<u>Telephor</u>
Cumru	John Halstead	R. D. 3005 Mohnton, PA 19540	777-9595
District	NONE - Covered by State Police		
Douglass**	Randy Doty	Township Building R. D. #2 Boyertown, PA 19512	367-2500 (Boyertown Communi- cations)
Earl*	NONE - Covered by State Police	Reading Barracks	372-4711
Exeter	Alvin U. Brintzenhoff	Township Building R. U. #3, Box 248-D (Fairlane & DeMoss Rds.) Reading, PA 19606	779-5660
Greenwich	NONE - Covered by State Police	Route 61 Hamburg, PA 19526	562-7525
Heidelberg	Samuel Perrotto Merged with Robesonia Borough	R. U. #1 Wernersville, PA 19565	(H) 678-3062 (R) 375-4547
Hereford	Robert F. Mirth Main coverage is by Pa. State Police	R. U. #1 Macungie, PA 18062	845-2566
Jefferson	Karl V. Oberhauser	1046 N. 5th Street Reading, PA 19601	375-1876
Longswamp	Donald T. Eck	R. U. #1 Mertztown, PA 19539	682-7096
Lower Alsace	George M. Wells	Township Building 25th & Harvey Streets Pennside Reading, PA 19606	779-6400
Lower Heidelberg	Stephen A. Bezner	855 N. Park Road Wyomissing, PA 19610	374-7485
Maidencreek	Alton L. Boyer	Township Building P. O. Box 835 Blandon, PA 19510	926-4920

* = Serving EPZ.
** = Located within EPZ.

BERKS COUNTY POLICE DEPARTMENTS AND CHIEFS (CONT'D.)

<u>Municipality</u>	<u>Chief</u>	<u>Address</u>	<u>Telephone</u>
Marion	Boyd E. Stum	R. D. #1 Womelsdorf, PA 19567	589-2624
Maxatawny	Contractual agreement with Kutztown Borough		
Muhlenberg	Harley N. Smith	3025 River Road Reading, PA 19605	929-5454
North Heidelberg	NONE - Covered by State Police		
Oley	Terry Hilbert	R. D. #1 Oley, PA 19547	987-6688
Ontelaunee	Russell Claytor		
Penn	Kenneth Borkey	R. D. #1 Mohrsville, PA 19541	375-4545
Perry	NONE - Covered by State Police		
Pike	NONE - Covered by State Police		
Richmond	Contract with Borough of Fleetwood	Fleetwood, PA 19522	944-7011
Robeson	Leonard N. Herb	R. D. #3 Birdsboro, PA 19508	582-5628
Rockland	NONE - Covered by State Police		
Ruscombmanor	NONE - Covered by State Police		
South Heidelberg	Charles M. Boyer, Jr.	R. D. #3 Wernersville, PA 19565	678-1071
Spring	Donald W. Schlegel	Township Building 2800 Shillington Road Cornwall Terrace Reading, PA 19608	678-3431
Tilden	Charles B. Borkey	R. D. #1, Box 79P Mohrsville, PA 19541	926-2525
Tulpehocken	Ray T. Patrick	Mt. Aetna, PA 19544	(717) 933-8340

BERKS COUNTY POLICE DEPARTMENTS AND CHIEFS (CONT'D.)

<u>Municipality</u>	<u>Chief</u>	<u>Address</u>	<u>Telephor</u>
Union*	NONE - Covered by	Reading Barracks State Police	372-4711
Upper Bern	William J. Stetzler	Shartlesville, PA 19554	488-1511
Upper Tulpehocken	NONE - Covered by	State Police	
Washington*	NONE - Covered by	Reading Barracks State Police	372-4711
Windsor	NONE - Covered by	Hamburg, PA 19526 State Police	562-7525

* = Serving EPZ.

APPENDIX F-2

RELOCATION OF BERKS COUNTY POLICE DEPARTMENTS

WITHIN THE PLUME EXPOSURE PATHWAY EPZ

Risk Police Department

Relocation Point

Boyertown

Washington Twp. Municipal Bldg.

Colebrookdale

Washington Twp. Municipal Bldg.

Douglass

Daniel Boone High School, Birdsboro

APPENDIX F-3

BERKS COUNTY ACCESS CONTROL POINTS

<u>Post</u>	<u>Location</u>	<u>Instructions</u>	<u>PSP Staff Assigned</u>
<u>Union Township</u>			
100*	PA Rt. 724 & L.R. 06097 (Shed Rd.)	No Traffic E. on Rt. 724	2
101	L.R. 06097 & L.R. 06153 (Shed Rd. & Red Corner Rd.)	No Traffic E. on L.R. 06153	1
102	L.R. 06097 & T-349 (Shed Rd. & Park Rd.)	No Traffic E. on T-349 (Park Rd.)	1
<u>Amity Township</u>			
103*	PA Rt. 422 & L.R. 06059 (Limekiln Rd.)	No Traffic E. on Rt. 422	2
104	T-443 & T-464 (Hill Rd. & Geiger Rd.)	No Traffic E. on T-464	1
104-A	L.R. 06187 & A-2059 (Old Airport Rd. & Weavertown Rd.)	No Traffic S. on L.R. 06187	1
105*	PA Rt. 562 & L.R. 06109 (Old Airport Rd.)	No Traffic E. on Rt. 562	2
<u>Earl Township</u>			
106	L.R. 06053 & T-626 (Powder Mill Rd.) & (Fancy Hill Rd.)	No Traffic S. on T-626	1
107	L.R. 06053 & T-624 (Powder Mill Rd.) (Sandy Hill Rd.)	No Traffic S. on T-634	1
108	T-644 & T-589 (Pine Rd.) & (Mt. Rd.)	No Traffic S. on T-644 & E. on T-589	--
109	T-628 & T-605 (Pine Lane & Hauseman Rd.)	No Traffic E. on T-605	--
110	T-671 & T-837 (Old State Rd. & Ironstone Dr.)	No Traffic S. on T-671	--

111	T-868 & T-648 (Valley Rd.) & (Willow Rd.)	No Traffic N. on T-648	--
	<u>Pike Township</u>		
112	T-615 & T-613 (Orchard Rd.) & (Valley Rd.)	No Traffic E. on T-615 & S. on T-613	1
	<u>Washington Township</u>		
113	L.R. 06098 & T-648 (Hill Church Rd.) (Locust Rd.)	No Traffic S. on T-648	1
114	L.R. 06098 & T-650 (Hill Church Rd.) (Wissinger Rd.)	No Traffic W. on T-650	1-Bechtelsville Fire Police
115	L.R. 06098 & T-652 (Hill Church Rd.) (Moyer Rd.)	No Traffic W. on T-652	1-Bechtelsville Fire Police
117	PA Rt. 100 & T-615 (Miller Rd.)	No Traffic W. & E. on T-615	1
118	PA Rt. 100 & T-841 (Passmore Rd.)	No Traffic E. on T-841	1
119	T-841 & L.R. 06033 (Passmore Rd.) & (Hoffmansville Rd.)	No Traffic S. on T-841	1
120	T-668 (Co. Line Rd.) & L.R. 06033 (Congo Rd.)	No Traffic S. on T-668 or E. on L.R. 06033	1
121	T-668 (Pine St.) & T-865 (Gehman Rd.) (Pine St.)	No Traffic E. on T-865	1-Barto Fire Police
122	T-668 (Co. Line Rd.) & T-863 (Himmelwright Rd.)	No Traffic S./E. on T-863	1-Bally Fire Police
123	T-865 (County Line Rd.) & T-956 (Gehman Rd.)	No Traffic E. on T-865	1-Bally Fire Police

* Denotes Access Control Post and Traffic Control Post Combined.

NOTE: No men assigned indicates barricades will be used.

116

Bechtelsville Borough

L.R. 06098 & T-654
(N. Reading Ave.)
(Mill St.)

No Traffic W. on
T-654

--

APPENDIX F-4

BERKS COUNTY TRAFFIC CONTROL POINTS -
FEEDER AND MAIN EVACUATION ROUTES

(Reference Appendix K-2)

APPENDIX F-5

EMERGENCY WORKER DECONTAMINATION STATIONS

(Reference Appendix E-5)

ANNEX G

MEDICAL SUPPORT

I. PURPOSE

To establish policies and procedures for the provision of medical support in Berks County and to assist other risk counties in the event of an incident at the Limerick Generating Station.

II. RESPONSIBILITIES

- A. Berks County is responsible for providing appropriate health and medical support to the public at risk in the event of an emergency and has appointed a Medical Coordinator to coordinate this responsibility.
- B. Berks County is responsible for providing support to municipalities requiring ambulance transportation for homebound persons in the event of evacuation.
- C. Berks County is responsible for providing support to the maximum extent possible to other risk counties if requested.
- D. Berks County is responsible for providing for the health care of evacuees at mass care centers located within the county.

III. SITUATION

- A. Portions of Berks County are located within the designated plume exposure pathway EPZ of the Limerick Generating Station, and are consequently at risk in the event of an incident at Limerick.
- B. There are currently no hospitals or nursing homes located within the Berks County sector of the plume exposure pathway EPZ.
- C. Municipalities located within the plume exposure pathway EPZ have developed listings of homebound individuals requiring ambulance transportation in the event of an evacuation (reference Appendix G-2).
- D. Ambulance services normally serving the plume exposure pathway EPZ will not be used for the evacuation of health care facilities in adjoining risk counties. EPZ ambulance services will be responsible for the evacuation of homebound individuals and for the continued emergency coverage of their normal service area.
- E. Berks County ambulance services located outside the plume exposure pathway EPZ may be called upon to provide evacuation support to health care facilities located within the EPZ of adjoining risk counties or to maintain coverage in Berks County.

- F. Three health care facilities located within the EPZ in other risk counties will be relocated to Berks County in the event of an evacuation. The evacuating facilities and their "host" locations are as follows:

1. Montgomery County

<u>Risk Facility</u>	<u>Host Facilities</u>
Pottstown Memorial Medical Center	Reading Hospital and Medical Center St. Joseph Hospital Community General Hospital

2. Chester County

<u>Risk Facilities</u>	<u>Host Facilities</u>
Coventry Manor Nursing Home Manatawny Manor Nursing Home	Berks Heim Wernersville State Hospital

Communications will be initiated directly between risk and host facilities at the time of an incident.

IV. CONCEPT OF OPERATIONS

A. Unusual Event

1. Emergency ambulance service will be provided onsite at Limerick if requested by Montgomery County.

B. Alert

1. Emergency ambulance service will be provided onsite at Limerick if requested by Montgomery County.
2. When requested, the Medical Coordinator shall report to the EOC.
3. The Medical Coordinator shall:
 - a. ensure that ambulance services serving the plume exposure pathway EPZ are notified of the Alert (reference Appendix G-3).
 - b. respond to identified or reported municipal unmet needs, including checking lists of homebound persons requiring ambulance transportation.

C. Site Emergency

1. The Medical Coordinator shall:
 - a. report to the EOC and mobilize his staff (reference Appendix G-1).

- b. ensure that all county ambulance services are notified (reference Appendix G-4).
- c. ensure that all county ambulances located within the plume exposure pathway EPZ are mobilized (reference Appendix G-4).
- d. identify ambulance availability for evacuation support to other risk counties, and report to PEMA Eastern Area upon request.
- e. ensure ambulance emergency workers have received dosimetry and radioprotective drugs. (Caution: Workers should administer radioprotective drugs to themselves only upon the instruction of the Secretary of the Department of Health.)

D. General Emergency

- 1. The Medical Coordinator should:
 - a. accomplish appropriate action items listed under Site Emergency.
- 2. Should an evacuation be recommended or ordered, the Medical Coordinator should:
 - a. ensure that ambulance services serving the plume exposure pathway EPZ are dispatched to support the evacuation of homebound persons.
 - b. assign and dispatch non-EPZ Berks County ambulances as available and as requested by PEMA Eastern Area to support other risk counties (to a maximum allocation of 50% of Berks County ambulances).
 - c. as other support county ambulances arrive at Berks County transportation staging area(s), make assignments and relay same through the Transportation Coordinator (reference Appendix G-6).
 - d. after evacuation is complete, ensure that ambulance services serving the EPZ are sent to:
 - (1) an emergency worker decontamination station and from there to preassigned relocation points (reference Appendices G-3 and G-5); or
 - (2) quarters to await next assignment; or
 - (3) another assignment.
 - e. ensure that ambulance emergency workers have taken radioprotective drugs if instructed by the Secretary of the Department of Health.

- f. ensure that relocation points located outside the plume exposure pathway EPZ are notified that the relocating services are enroute.
3. Should sheltering be recommended, the Medical Coordinator should:
- a. ensure that ambulance personnel located within the EPZ remain in quarters, responding only to emergency medical calls. Upon the completion of each call, personnel should report to the nearest emergency worker decontamination station (reference Appendix G-5).
 - b. Ensure that ambulance emergency workers have taken radio-protective drugs if recommended by the Secretary of Health.

APPENDICES

- G-1. Berks County EOC Medical Group
- G-2. Homebound Persons Requiring Ambulance Transportation
- G-3. Relocation Plan for Berks County Ambulances Within the EPZ
- G-4. Berks County Ambulance Resources
- G-5. Emergency Worker Decontamination Stations
- G-6. Transportation Staging Areas
- G-7. Medical Facilities with Radiation Exposure Treatment Capability

APPENDIX G-1

BERKS COUNTY EUC MEDICAL GROUP

	<u>Office</u>	<u>Home</u>
Dr. Linwood Keller	376-4841	373-4706
Ed R. Houp	373-7978	374-0029

Note: Group augmented as necessary by Berks Heim medical staff and Berks County EMS personnel.

APPENDIX G-2

HOMEBOUND PERSONS REQUIRING AMBULANCE TRANSPORTATION

Amity Township:	Seven (7)
Boyertown Borough:	Three (3)
Colebrookdale Township:	Three (3)
Douglass Township:	Six (6)
Earl Township:	None
Union Township:	Two (2)
Washington Township:	Two (2)

All homebound persons requiring ambulance evacuation will be transported to St. Joseph Hospital, Reading, unless other arrangements have been made prior to the evacuation.

Source: Public Survey, 1983.

APPENDIX G-3

RELOCATION PLAN FOR BERKS COUNTY AMBULANCES WITHIN THE EPZ

EPZ Ambulance Service

Relocation Point

Boyertown Lions Community Ambulance

Bally Community Ambulance
Bally, PA (1 vehicle)

Earl Township Fire Company
Shanesville (1 vehicle)

APPENDIX G-4

BERKS COUNTY AMBULANCE RESOURCES

1. Ambulance Services

<u>Name</u>	<u>Telephone</u>	<u>Total Ambulances</u>
Bally Community	845-7200	2
Bethel Community	(717) 933-8934	2
Birdsboro	582-3226	2
Blandon	926-2811	1
Boyertown Lions*	367-2688	2
D. A. C. Community	375-6480	6
Exeter Township	779-2525	2
Fleetwood Volunteer Fire Department	944-7022	1
Gov. Mifflin	775-0811	3
Hamburg Community	562-7769 or 562-7525	2
Houck's Ambulance Service	375-6303	3
Kutztown Lions	683-3123	2
Lower Alsace Fire Company	799-4444	1
Muhlenberg	929-5773	2
Oley Fire Company	987-6200	1
R. A. M. S.	375-4348	4
Reading Borough Fire Company	375-6161	3
Schuylkill Valley	926-1621	2
Topton	682-2500	2
Western Berks	678-1598	3

*Located within EPZ.

APPENDIX G-5

EMERGENCY WORKER DECONTAMINATION STATIONS

(Reference Appendix E-5)

APPENDIX G-6

TRANSPORTATION STAGING AREAS

I. Location

- A. Reading Mall
Route 422 and Neversink Road
Reiffton
- B. Quigley Bus Company
Route 100
Bally

II. Staff

Staging Areas will be staffed by Civil Air Patrol personnel. Communication will be provided via RACES. Actual staff assignments will be made at the time of an accident depending upon availability.

- III. Incoming resources will be directed to the appropriate staging area when notified to mobilize.

APPENDIX G-7

MEDICAL FACILITIES WITH RADIATION EXPOSURE TREATMENT CAPABILITY

Reading Hospital and Medical Center
6th and Spruce Streets
Reading

(primary treatment facility)

Saint Joseph Hospital
215 North 12th Street
Reading

Community General Hospital
145 North Street
Reading

} (secondary treatment facilities -
to be used only when primary facility
is unavailable)

Each facility has trained, professional staff adequately qualified to treat radiation exposure and deal with contaminated individuals.

ANNEX H

MILITARY SUPPORT

I. PURPOSE

To establish procedures, responsibilities, capabilities and a concept of operations for the deployment of the Pennsylvania National Guard to support Berks County in the event of an incident at the Limerick Generating Station.

II. RESPONSIBILITIES

- A. The authority to activate the National Guard to support civil emergencies rests with the Governor of Pennsylvania.
- B. PEMA will provide the overall coordination of emergency planning and operational response. Requests for National Guard support will be made through PEMA.
- C. Operational control of National Guard forces rests with the Adjutant General, or his designate.
- D. County and municipal authorities, through their respective Emergency Management Coordinators, will identify specific requirements for National Guard assistance and provide for coordination between county support agencies and the National Guard.

III. CAPABILITIES

- A. The National Guard has the capability to respond to the following peacetime missions:
 - 1. Search and Rescue
 - 2. Traffic Control
 - 3. Security (Access Control)
 - 4. Transportation
 - 5. Evacuation
 - 6. Emergency Feeding
 - 7. Emergency Water Supply
 - 8. Decontamination
 - 9. Radiological Monitoring
 - 10. Emergency Clearance of Debris

11. Emergency Fuel Supply
12. Communications
13. Firefighting

B. This assistance will be furnished on a minimum essential basis required to minimize the effects upon the civilian population caused by an incident at the Limerick Generating Station and will be terminated at the earliest practical time. Such emergency assistance will be furnished in coordination with and supplementary to the capabilities of municipal and county governments and other State agencies and departments.

IV. CONCEPT OF OPERATIONS

- A. The time for the National Guard to mobilize and deploy to the area of operations is approximately eight (8) hours.
- B. The Adjutant General will provide liaison personnel at the County EOC.
- C. The Berks County Emergency Management Agency Director will coordinate National Guard missions in support of the county.

APPENDIX

- H-1. OPLAN
1-109th Field Artillery
Pennsylvania National Guard

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Copy ___ of ___ Copies
1-109FA
Wilkes-Barre, Pa. 18701
251900Jul84
NK84

OPLAN 2-84 (NUKE III - Berks County)

References: a. OPLAN 3-80 (Operation NUKE II), TAGPA
b. MAP Limerick Generating Station, Jul 82
c. Annex E, PNG-EOP

Time Zone Used: Local

TASK Org:

A/1-109FA B/1-109FA C/1-109FA D/1-109FA

Bn Control:

Liaison Sections

Svc/1-109FA

Rear Trains

HQB (-)/ 1-109FA

1. SITUATION

a. Enemy Forces. Current INTSUM

b. Friendly Forces

(1) TF 56th Bde alerts and assembles on order, and supports Emergency Management Agency (EMA) Coordinators of the Limerick Generating Station Risk Counties.

(2) 1-111 Inf alerts and assembles, on order, deploys and supports EMA Coordinators for Montgomery County.

(3) 2-111 Inf alerts and assembles, on order, deploys and supports EMA Coordinators for Chester County.

(4) 1-109FA alerts and assembles, on order, deploys and supports EMA Coordinators for Berks County.

(5) 3-109 Inf provides backup support for 1-109FA.

c. Attachments and Detachments: Task Org. Unit NBC Teams OPCON to this Headquarters on order.

d. Assumptions:

(1) Para 1f, OPLAN 3-80 (Operations Nuke II), TAGPA

(2) Organic Transportation will remain under Battalion Control.

(3) Units are able to alert, assemble, load, Motor March to Area, and be prepared for deployment following notification.

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2. MISSION

1-109FA, on order, alerts and assembles at Wilkes-Barre and Nanticoke armories, prepares for deployment to area of responsibility, supports EMA Officials in evacuation, traffic control, search and rescue, emergency transportation of civilians, control of reentry into affected area, installation security, and support of local law enforcement agencies.

3. EXECUTION

a. Concept of Operation. 1-109FA Alerts, assembles, and deploys to the following areas; TOC - To Amityville Elem School, Btry A - (North Sector) From RT 73 to county Line with unit Headquarters in Bechtelsville Elem Sch, Btry B - (North Central) From Rt 73 to Rt 562 with unit HQ in Earl Township Elem School, Btry C - (South Central) From Rt 562 to Schuylkill River with Unit HQ colocated with TOC in Amityville Elem School, Btry D - (South Sector) From Schuylkill River to County Linewith Unit HQ in Daniel Boone Elem School, Rear Trains - Will occupy Jackswald Elem School. Battery size units will operate in assigned sectors controlling traffic, search and rescue, assisting in the evacuation of refugees, preventing reentry, providing transportation, and providing security as directed. See ANNEX A (Operations Overlay)

b. Liaison Sections: Consists of LNC#1, LNO#2, FSOs, and FSO SGTs. Deploy and effect Liason with EMA at Agricultural Bldg, RD#1 Leesport, Pa. 19533 Tel: (215) 373-5231 (Military Liaison) & (215) 373-5676 (Operations Officer for EMA). See ANNEX B (Berks County Emergency Ops Ctr Tel Directory)

c. Rear Trains: Establish a Reserve Force of 40 to 50 personnel w/ Commo and Transportation for deployment o/o.

d. Ba Commo: Establish Re-Trans Station Vic Devils Hump Mtn (El 1000Ft) if required. Communications between TOC and Higher Headquarters/Rear Trains will be via RATT/ State AM Radio.

e. Coordinating Instructions:

(1) Effective for Planning on receipt, for execution on order.

(2) Report immediately when prepared for deployment.

(3) Commander's Recon/Quartering Party will be prepared to move out within 2 hours following notification.

4. SERVICE SUPPORT

a. Material:

(1) Class 1: Local purchase by S-4 upon authorization from TAG. S4 will plan for box lunch components for initial meal of deployed units. Rear Trains (Jackswald Elem School) will prepare/transport all meals.

(2) Class II & IV: Uniform and Equipment to be announced in alert message. Special items (Low-Level monitoring instruments etc) to be procured and distributed by S3. Troops plan for individual items to sustain not less than 7 days employment, even though it is anticipated that duration of employment should not exceed 4 days.

(3) Class III: Vehicle refuel by BSO as required. M49C will be requested.

(4) Class V: Not Anticipated.

(5) Class VI: S1 establishes procedures through S4 as soon as possible following deployment.

(6) Class VII: Additional requirements submitted to the S4 as determined.

(7) Class VIII: Pa will request replenishment through 103rd MED Bn.

(8) Class IX: AMT will request as needed

(9) Class X: Support, if required, only through authorization of this Headquarters.

b. Services:

(1) Maintenance: Bn Maint provide support via contact teams to deployed Units.

(2) Medical: Medical Aid Post, with Ambulance under PA deploys with TCC Fwd. Aidmen attached to letter batteries per SOP. PA will plan for support of civilian agencies on order.

(3) Morale and Welfare: Recreational provisions to be announced.

(4) Discipline, Law, and Order: PMR 27-10. Bn XO is Bn Investigation and Summary Court Officer. Commanders are responsible for troop information, Standards of Conduct, Briefing, and convoy briefings NLT Deployment(- one) hour.

(5) Battalion Trains: Located at Jackswald Elem School.

(6) RS Status and Monitoring: Provided by Berks County.

5. COMMAND & SIGNAL

a. Signal

(1) Current CEOI in effect, changes announced as they occur.

(2) Primary means of communication prior to deployment: Commercial Tel.

(3) Primary during deployment: Radio

(4) Deployed units report telephone numbers in assigned AOs as soon as determined. C&E will prepare Commercial Telephone directory.

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b. Command:

(1) TOC located at Amityville Elem School.

(2) Unit Commanders prepare to deploy forward, on order, to assigned AOs.

Acknowledge:

PERUGINO
LTC

OFFICIAL:

~~XXXXXXXXXX~~
PATALOHER
S?

Annexes: A - Operations Overlay
B - Berks County EMA Telephone Directory
C - Items of Immediate Concern
D - Movement Strip Map

DISTRIBUTION:

TAGPA (10)
TF 56 (10)
TF 28th DivArty (1)
2-111 Inf (2)
1-111 Inf (2)
3-109 Inf (2)
Berks County CD Director (5)
Ea Unit (2)
Ea STAFF OFF (1)
File (1)
Extra (10)

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ANNEX I
TRANSPORTATION

I. PURPOSE

To establish procedures for transportation support of emergency operations to include an evacuation of the population within the plume exposure pathway EPZ.

II. RESPONSIBILITY

The Berks County Emergency Management Agency Director is responsible for providing for transportation support to persons in risk areas of Berks County in the event of an evacuation associated with an incident at the Limerick Generating Station. A Transportation Coordinator and supporting staff have been appointed to develop and coordinate transportation procedures and requirements in the event of an evacuation.

III. REQUIREMENTS

Transportation will be provided for three groups in Berks County. The first group consists of persons requiring medical evacuation. This group includes homebound invalids (reference Annex G). The second group consists of school children while school is in session (reference Annex N). The third group consists of those persons without automobile transportation. A resource inventory of county transportation resources will also be maintained (reference Appendix I-5).

IV. SITUATION/ASSUMPTIONS

- A. The principal means of relocation in the event of an evacuation associated with an incident at the Limerick Generating Station for persons living, working and traveling in affected areas of Berks County is the private automobile, augmented by bus transportation. An average of three persons per car is assumed.
- B. Transportation staging areas will be used for the positioning and assignment of transportation resources, such as ambulances and buses, that may be called upon in the event of an evacuation. Any transportation resource not previously assigned to a specific location, should report to a staging area for assignment (reference Appendix 2 for staging area information).

V. CONCEPT OF OPERATIONS

The Transportation Coordinator is responsible for the following actions:

A. Unusual Event

No actions necessary.

B. Alert

1. The Transportation Coordinator is notified and reports to the County EUC if directed.
2. Ambulance services serving the plume exposure pathway EPZ are notified of the situation (reference Annex G). (Note: The County Medical Coordinator notifies ambulance resources.)
3. Requirements for transportation from municipalities and school districts are updated.
4. Pre-assigned transportation resources are notified.

C. Site Emergency

1. Same actions as shown for Alert.
2. The EUC Transportation staff are mobilized.
3. Transportation staging areas, staff and resources are notified, placed on standby status and assigned a RACES unit. (Note: Activation of transportation staging areas may occur at Site Emergency; if so, follow procedures under General Emergency) (reference Appendix I-2).
4. School district superintendents, private schools and bus resources are notified to place buses and drivers needed for evacuation on standby status.
5. Ambulance resources are mobilized by the Medical Coordinator.
6. If the situation requires it, buses and ambulances are moved into transportation staging areas or dispatched to their direct assignment. (Note: Coordinate this process with the Medical Coordinator.)

D. General Emergency

1. Same actions as shown for Site Emergency.
2. Transportation staging areas are activated.
3. Preplanned transportation resource movement is implemented if evacuation is recommended (reference Appendix I-1).
4. Municipal evacuation for persons without transportation is supported as necessary.
5. Additional required transportation needs are reported to PEMA, if unavailable from county resources.

6. Available buses and ambulances are dispatched as required to supplement preplanned assignments or as requested by PEMA on behalf of other risk counties.
7. Vehicles completing assignments are directed to return to quarters or to transportation staying areas for reassignment. Drivers and crews re-entering the EPZ shall be provided dosimetry and KI at staying areas.

APPENDICES

- I-1. Assigned Transportation Resources by Municipality and School District
- I-2. Transportation Staying Areas
- I-3. Berks County Pickup for Persons Without Transportation
- I-4. Public Transportation Providers/Facilities
- I-5. Unassigned Transportation Resources

APPENDIX I-1

ASSIGNED TRANSPORTATION RESOURCES BY MUNICIPALITY AND SCHOOL DISTRICT

I. Municipalities

A. Amity Township

<u>Buses</u>	<u>Ambulances</u>	<u>Sources</u>	<u>Unmet Needs</u>
1	4	Jay Rhoads Bus Co. County EMS Mutual Aid*	U U

B. Boyertown Borough

<u>Buses</u>	<u>Ambulances</u>	<u>Sources</u>	<u>Unmet Needs</u>
2	2	Jay Rhoads Bus Co. County EMS Mutual Aid*	U U

C. Colebrookdale Township

<u>Buses</u>	<u>Ambulances</u>	<u>Sources</u>	<u>Unmet Needs</u>
1	2	Berks County I.U. County EMS Mutual Aid*	U U

D. Douglass Township

<u>Buses</u>	<u>Ambulances</u>	<u>Sources</u>	<u>Unmet Needs</u>
1 (wheelchair)		BARTA	U
1	3	Klein Bus Co. County EMS Mutual Aid*	U U

Note: All assignments based on public survey results. Actual numbers will be confirmed by municipalities and school districts at the time of an actual incident.

* Ambulances will be assigned at the time of an incident according to County mutual aid plan.

E. Earl Township

<u>Buses</u>	<u>Ambulances</u>	<u>Sources</u>	<u>Unmet Needs</u>
1	None	Jay Rhoads Bus Co.	0 0

F. Union Township

<u>Buses</u>	<u>Ambulances</u>	<u>Sources</u>	<u>Unmet Needs</u>
1	1	Klein Bus Co. County EMS Mutual Aid*	0 0

G. Washington Township

<u>Buses</u>	<u>Ambulances</u>	<u>Sources</u>	<u>Unmet Needs</u>
1	1	Berks County I.U. County EMS Mutual Aid*	0 0

II. School Districts

A. Boyertown Area School District

1. Boyertown Area Senior High School

<u>Buses</u>	<u>Sources</u>	<u>Unmet Needs</u>
20	Quigley Bus Co. (contracted) - 18 District - 2	0

2. Boyertown Area Junior High East

<u>Buses</u>	<u>Sources</u>	<u>Unmet Needs</u>
11	Quigley Bus Co. (contracted) - 9 District - 2	0

*Ambulances will be assigned at the time of an incident according to the County mutual aid plan.

3. Boyertown Area Junior High West

<u>Buses</u>	<u>Sources</u>	<u>Unmet Needs</u>
10	{ Quigley Bus Co. (contracted) - 3 District - 7	0

4. Boyertown Elementary School

<u>Buses</u>	<u>Sources</u>	<u>Unmet Needs</u>
9	{ Quigley Bus Co. (contracted) - 1 District - 8	0

5. Colebrookdale Elementary

<u>Buses</u>	<u>Sources</u>	<u>Unmet Needs</u>
5	{ Quigley Bus Co. (contracted) - 2 District - 3	0

6. Gilbertsville Elementary

<u>Buses</u>	<u>Sources</u>	<u>Unmet Needs</u>
5	{ Quigley Bus Co. (contracted) - 2 District - 3	0

7. New Hanover/Upper Frederick Elementary

<u>Buses</u>	<u>Sources</u>	<u>Unmet Needs</u>
8	District - 8	0

8. Pine Forge Elementary

<u>Buses</u>	<u>Sources</u>	<u>Unmet Needs</u>
4	District - 4	0

9. Montessori Academy of Pennsylvania

<u>Buses</u>	<u>Sources</u>	<u>Unmet Needs</u>
1	Berks County I.U.	0

10. Wayside Christian School

<u>Buses</u>	<u>Sources</u>	<u>Unmet Needs</u>
1	Berks County I.U.	0

11. Pine Forge Academy

<u>Buses</u>	<u>Sources</u>	<u>Unmet Needs</u>
3	Pine Forge Academy	0

12. Pine Forge SJA Elementary School

<u>Buses</u>	<u>Sources</u>	<u>Unmet Needs</u>
	(Included within Pine Forge Academy)	0

13. Lincoln School (Berks County I.U.)

<u>Buses</u>	<u>Sources</u>	<u>Unmet Needs</u>
2 Handicapped Buses 1 Bus	} Berks County I.U.	0

B. Daniel Boone Area School District

1. Amity Elementary Center

<u>Buses</u>	<u>Sources</u>	<u>Unmet Needs</u>
9	{ Jay Rhoads (contracted) Wm. Klein (contracted)	0

APPENDIX I-2

TRANSPORTATION STAGING AREAS

I. Location

- A. Reading Mall
Route 422 and Neversink Road
Reiffton
- B. Quigley Bus Company
Route 100
Bally

II. Staff

Both staging areas will be staffed by Civil Air Patrol personnel. Communications will be provided via RACES. Actual staff assignments will be made at the time of an incident depending upon availability.

- III. Incoming resources will be directed to the appropriate staging area when notified to mobilize.

APPENDIX I-3

BERKS COUNTY PICKUP FOR PERSONS

WITHOUT TRANSPORTATION

Buses to be used for the evacuation of persons who lack transportation will be dispatched to the respective municipal staging area. Buses will then pick up a municipal worker who will direct the bus driver to the locations of individuals who have been identified by survey as being in need of transportation assistance.

Municipal staging areas are located as follows:

Amity Township:	Township Bldg., Rt. 662
Boyertown Borough:	Borough Bldg., 100 S. Washington Street
Colebrookdale Township:	Township Bldg., Rt. 73
Douglass Township:	Township Bldg., Douglass Drive
Earl Township:	Earl Twp. Fire Co., Ironstone Drive
Union Township:	Township Building, Center Road
Washington Township:	Barto Fire Company, Old Route 100

APPENDIX I-4

BERKS COUNTY

PUBLIC TRANSPORTATION PROVIDERS/FACILITIES

1. Mass Transportation Providers:

A. Bus

Reference Appendix I-5

B. Airports - Private and Public

Commercial Airports

Reading Municipal Airport Authority	372-4666
Reading Aviation	376-6137
Public Aviation	372-4728
Northside Aviation	376-2223
Perkiomen Aviation	376-6113
C A P	376-5447
Suburban Airlines	376-6137
Allegheny Commuter	375-8488

Kutztown Airport - Kutztown, Pa. 683-3821

Private Airfields and Landing Strips for Personal Use

Arnold Airport - Green Hills Golf Course, Robeson Township	856-7672
Blue Mt. Academy - Hamburg, Pa.	562-2291
Boyer Airport - Wernersville, Pa.	--
Ferreira Airport - Barto, Pa.	--
Grube Airport - Mohrsville, Pa.	--
Malmo Airport - Bernville, Pa.	--
Morgantown Aero Airport - Elverson, Pa.	--
Morysville Airport - Boyertown, Pa.	--
Orchard View Airport - Kempton, Pa.	--
West Shore Airport - Leesport, Pa.	--

2. Freight Carriers

A. Trucking Firms

Akers Central Motor Lines 3100 Kutztown Road Laureldale, PA 19605	921-2077
All States Trucking-Div. of PIE 1505 Commonwealth Boulevard Kenhorst, PA	775-0389
Bell Trucking 525 Florida Avenue Reading, PA	929-3486
Branch Motor Express 1742 Pear Street Reading, PA	376-1519
Carrano Express Pottsville Pike & Walter Sts. Reading, PA	921-9241
Consolidated Freightways 536 Bern Street Reading, PA	376-5437
Fowler and Williams Brookline & Arlington Streets Reading, PA	372-6789
Interstate System Stinson Road Leesport, PA	376-6791
Morris Kreitz and Sons 220 Park Road Wyomissing, PA 19610	376-7187
Mason and Dixon Lines Rts. 22 & 100 Fogelsville, PA	376-5718
Penn Yan Express Front & Union Streets Reading, PA	375-4237
Pletz Trucking Co. 1251 Wayne Avenue Reading, PA	378-1311

Roadway Express R. D. #1 Leesport, PA 19522	372-3843
St. Johnsbury Trucking R. D. #3 Pottsville, PA 17901	376-3843
Smith's Transfer Wayne & Lehigh Streets Reading, PA	374-4184
Spector Freight 1230 Wayne Avenue Reading, PA	376-6591
West Motor Freight 740 S. Reading Avenue Boyertown, PA 19512	1-367-2611
Yellow Freight Company R. D. #1 Douglassville, PA 19512	582-5321
Hall's Motor Transit Co. R. D. #3 Kutztown, PA 19530	683-7355
Motor Freight Co. Warren St. ByPass North 5th Street Highway, Reading, PA 19605	929-4731
New Penn Motor Express 99 Whitman Road Muhlenberg Park, Reading, PA 19605	929-5731
Red Star Express Rt. 61 Reading, PA	921-2718
A A A Trucking Stacey & Fairview Drive Reading, PA	372-8408
John Pfrommer Inc. Douglassville, PA 19518	1-385-3051
Jesse Baro Trucking 130 Quarry Road Douglassville, PA 19518	1-323-8783

B. Movers

Fritz Moving Co. 620 North 8th Street Reading, PA	374-4991
O'Brien's Moving & Storage 850 Laurel Street Reading, PA	374-8341
Auchenbach's Moving 335 North 8th Street Reading, PA	376-6901
Blank's Moving & Storage 619 Spruce Street Reading, PA	375-1631
Brandt's Moving & Storage 222 North 9th Street Lebanon, PA	1-717-272-0427
Brinkerhoff Van Lines 8th & Windsor Streets Reading, PA	373-3623
Brown's Transfer 705 North 5th Street Reading, PA	376-7720
Lausch's Moving Service 224 Douglass Street Reading, PA	376-7069
Moyer Trucking & Moving R. D. #1 Temple, PA 19560	921-2063

Leasing

Berks Mutual Leasing Corp. 1625 North 5th Street Reading, PA	375-8411
Budget Rent a Truck 815 Lancaster Avenue Reading, PA	775-4888
Penske Leasing Inc. 255 Penske Plaza Reading, PA	376-6381

Rollins Truck Leasing
4225 Penske Plaza
Reading, PA 929-3696

Ryder's Truck Rental & Leasing
Leisz's Bridge Road
Reading, PA 376-8466

U-Haul It
1647 North 5th Street
Reading, PA 375-6168

U-Haul It
3231 Perkiomen Avenue
Reading, PA 779-7005

U-Haul It
154 Shillington Road
Sinking Springs, PA 678-6661

Reading Rentals
12th & Spring Streets
Reading, PA 376-3896

C. Rail

1. Conrail
Division Superintendent
Harrisburg, PA (717) 657-5455
(days)

Train Movement Office
Harrisburg, PA (717) 657-5402
(nights)

2. Amtrak
Fort Washington Reservation Center
(800) 562-5380 or
(215) 824-1600
(24 hours)

3. Federal Aviation Administration

Reading Municipal Airport
Traffic Control Tower 374-7929

or

FSS Harrisburg Flight Service
New Cumberland 376-3045 (24 hours)

APPENDIX I-5

UNASSIGNED TRANSPORTATION RESOURCES

1. Ambulance Services

<u>Name</u>	<u>Telephone</u>	<u>Total Ambulances</u>	<u>Ambulances Potentially Available for Evacuation Support</u>
Bally Community	845-7200	2	1
Bethel Community	(717) 933-8934	2	1
Birdsboro	582-3226	2	1
Blandon	926-2811	1	0
Boyertown Lions	367-2688	2	1
D. A. C. Community	375-6480	6	3
Exeter Twp.	779-2525	2	1
Fleetwood Vol. Fire Dept.	944-7022	1	0
Gov. Mifflin	775-0811	3	2
Hamburg Community	562-7769 or 562-7525	2	1
Houck's Ambulance Service	375-6303	3	2
Kutztown Lions	683-3123	2	1
Lower Alsace Fire Co.	799-4444	1	0
Muhlenberg	929-5773	2	1
Oley Fire Company	987-6200	1	0
R. A. M. S.	375-4348	4	2
Reading Fire Co.	375-6161	3	2
Schuylkill Valley	926-1621	2	1
Topton	682-2500	2	1
Western Berks	678-1598	3	2
Total:		46	23

2. Bus Companies

<u>Name</u>	<u>Telephone</u>	<u>Total Buses</u>
<u>BARTA Transportation</u>		
11th and Exeter Street Reading, PA Mr. Gerald Larish	O: 921-0601 H: 779-8530	55 Coach Buses 20 Passenger Vans
<u>Carl R. Beiber</u>		
Vine and Baldy Strs. Kutztown, PA 19530	683-7333 375-0839	64 Tour Buses 40 School Buses
<u>Antietam School District</u>		
Mike DeRusso	779-0554	1 10-pass. van 1 66-pass. bus 1 72-pass. bus
<u>Brandywine Hgts. School District</u>		
Carl Beiber c/o Ruth Ann Dieralf	683-8172 683-5556	1 18-pass. bus * 11 72-pass. buses *
<u>Conrad Weiser School District</u>		
Eugene Kline	589-2246	15 66-pass. buses
<u>Exeter Twp. School District</u>		
Daniel Wegman	O: 779-0700 H: 689-9256	2 10-pass. vans 1 20-pass. bus
Richard Schwartz	O: 779-0700 H: 779-2600	1 36-pass. bus 1 48-pass. bus 2 60-pass. buses 10 66-pass. buses 17 72-pass. buses
<u>Fleetwood Area School District</u>		
Carl L. Bieber c/o Ruth Ann Dierolf	683-8172 683-5556	7 72-pass. buses *

* = Contracted buses

<u>Name</u>	<u>Telephone</u>	<u>Total Buses</u>
<u>Gov. Mifflin School District</u>		
Frank Reedy	775-1461 678-5683	13 66-pass. buses 19 72-pass. buses
<u>Hamburg School District</u>		
Harold Hix	562-2241	19 72-pass. bus ** 1 77-pass. bus *
<u>Kutztown School District</u>		
Carl L. Beiber c/o Ruth Ann Dieroff	683-8172	17 72-pass. buses
<u>Muhlenberg School District</u>		
Dr. Morrell	929-0705	3 10-pass. vans 1 22-pass. bus
Lee Hefner Betty Tenschert	924-9461 or 929-0243 nights	1 60-pass. bus * 14 66-pass. buses * 6 72-pass. buses *
<u>Oley Valley School District</u>		
Richard Bauman	845-7575 or 845-2506	5 72-pass. buses *
<u>Schuylkill Valley School District</u>		
Richard Fritz	926-1706 921-2267	1 48-pass. bus 19 72-pass. buses
<u>Tulpehocken Area School District</u>		
George Bashore	488-6286 488-6232	1 48-pass. bus ** 7 66-pass. buses ** 12 72-pass. buses **
<u>Twin Valley School District</u>		
H. H. Eshelman	856-7740	2 20-pass. buses * 1 36-pass. bus 25 72-pass. buses *

** = Various Contractors
* = Contracted Bus
** = Various Contractors

<u>Name</u>	<u>Telephone</u>	<u>Total Buses</u>
<u>Wilson School District</u>		
Gary Coller	O: 678-8067, ext. 201 H: 678-5690	2 Step vans 1 8-pass. S. W. 5 10-pass. vans 28 66-pass. buses
<u>Wyomissing Area School District</u>		
John D. Rausch	488-1400	3 10-pass. vans 8 72-pass. buses *
<u>Reading School District</u>		
Carl Heister	371-5823	1 77-pass. bus 26 66-pass. buses

3. Gasoline Terminals

Atlantic Richfield Company (ARCO) Montello, PA	670-0282
Gulf Oil Corp. Mountain Home Rd., Sinking Spring, PA.	678-8026
Chevron Supreme Gasoline 1626 Penn Avenue, Wyomissing Hills, PA	678-3421
Mobil Oil Corp. 3930 Pottsville Pike, Reading, PA	929-3749
Texaco Gasoline Macungie, PA	1-965-9841
B-P Oil Corp. Sinking Spring, PA	678-8049
RECO Petroleum Inc. 1004 N. 4th St., Reading, PA	372-3934

* = Contracted Bus

ANNEX J

EVACUATION

I. PURPOSE

To establish policies and procedures for a selective or general evacuation of the population within the Berks County segment of the plume exposure pathway EPZ of the Limerick Generating Station in the event of an incident at the facility.

II. DEFINITIONS

- A. A General Evacuation would involve the movement of the entire population from the plume exposure pathway EPZ and is a worst-case situation.
- B. A Selective Evacuation includes persons only within a specified category, i.e., pregnant women, preschool children and individuals judged by medical authorities to be unduly susceptible to the hazards of radiation.

III. RESPONSIBILITY

- A. The responsibility for effecting an evacuation rests with the Berks County Commissioners and elected municipal officials upon an evacuation order from the Governor of the Commonwealth of Pennsylvania. The County Commissioners may recommend an evacuation, but they can not compel it.
- B. The Berks County Emergency Management Agency Director will coordinate all evacuation procedures, supported by State, county and municipal forces.

IV. SITUATION

Municipalities located (in whole or in part) within the Limerick Plume Exposure Pathway EPZ in Berks County include:

	<u>1980 Population</u>	<u>Percentage of Population in EPZ (Estimated)</u>	<u>Population in EPZ (Estimated)</u>
Amity Township	5,883	75%	4,384
Boyertown Borough	3,979	100%	3,979
Colebrookdale Township	4,748	100%	4,748
Douglass Township	3,128	100%	3,128
Earl Township	2,607	20%	562
Union Township	2,815	40%	1,126
Washington Township	2,568	20%	514

The total resident population of the Berks County section of the Plume Exposure Pathway EPZ is approximately 18,441. Of those, it is estimated that 15,560 will evacuate into Berks County and 2,881 will evacuate into Lehigh County.

V. ASSUMPTIONS

- A. A selective evacuation will not be implemented until a Site or General Emergency has been reached. A general evacuation will not be implemented until a General Emergency condition has been reached.
- B. At least 50% of the population within the plume exposure pathway EPZ will make independent arrangements for relocation if evacuation becomes necessary and will not require mass care.
- C. Any evacuation carried out under the provisions of this Plan will be based upon a 360° plume exposure pathway EPZ, not on a sector basis.

VI. CONCEPT OF OPERATIONS

Actions taken to implement a selective or general evacuation of the plume exposure pathway EPZ are contained in Section VIII D, "Concept of Operations," of the basic plan. They are accomplished by the combined and coordinated efforts of the county and municipal EOC staffs, who in turn, are supported by State agencies as coordinated by PEMA. Federal assistance, if required, is requested through PEMA.

APPENDICES:

- J-1. Evacuation Routes and Reception Centers
- J-2. School District Evacuation Routes and Host Schools
- J-3. Evacuation Time Estimate
- J-4. Activation of Reception Centers
- J-5. Population Data by Sector

APPENDIX J-1

EVACUATION ROUTES AND RECEPTION CENTERS

<u>Municipality</u>	<u>Evacuation Route</u>	<u>Reception Center</u>
Amity Township	PA 662 N	Oley Valley H. S. Oley
	PA 662 S to US 422 W	Pathmark Reiffton
Boyertown Borough	PA 73 W	Oley Valley H. S. Oley
Colebrookdale Township	PA 73 W	Oley Valley H. S. Oley
	PA 100 N	Emmaus H. S. Emmaus
Douglass Township	LR 06155 to LR 06102 to PA 662 N or PA 562 W to PA 662 N	Oley Valley H. S. Oley
Earl Township	PA 562 W to 662 N	Oley Valley H. S. Oley
Union Township	PA 724 W	Cumru Elementary School Shillington
Washington Township	PA 100 N	Emmaus High Sch. Emmaus

APPENDIX J-2

SCHOOL DISTRICT EVACUATION ROUTES AND HOST SCHOOLS

<u>School District</u>	<u>Building</u>	<u>Route</u>	<u>Host School</u>
Daniel Boone	Amity Elementary	662 S to 422 W to 82 S	Daniel Boone Junior- Senior High School
Boyertown Area	Senior High	72 W to 662 N to 222 N	Keystone Hall, Kutztown Universtiy
	Junior High East		
	Junior High West		
	Lincoln Spec. Ed. Ctr.		
	Boyertown Elementary	72 W to 662 N to 222 N	Kutztown Area Junior High School/Kutztown Elementary
	Colebrookdale Elem.		
Gilbertsville Elem.			
NHUF Elementary			
Pine Forge Elementary			
Montessori Acad. of PA			
	Wayside Christian Sch.	72 W	Administrator's Home Pikeville
	Pine Forge Academy	662 N to 61 N	Blue Mt. Academy, Hamburg
	Pine Forge Elementary		

APPENDIX J-3

EVACUATION TIME ESTIMATE

A detailed evacuation time estimate has been prepared by HMM Associates under contract to the Philadelphia Electric Company. The summary results of that estimate for the entire plume exposure pathway EPZ are as follows:

Winter week day, fair weather:	4 hours, 50 minutes
Winter week night, fair weather:	4 hours, 15 minutes
Summer weekend, fair weather:	4 hours, 45 minutes
Winter week day, adverse weather:	6 hours, 45 minutes
Summer weekend, adverse weather:	5 hours, 50 minutes

A complete copy of the evacuation time estimate is maintained on file in the County EOC.

APPENDIX J-4

ACTIVATION OF RECEPTION CENTERS

I. Activation Order

The order to activate Berks County reception centers is issued by the Director of the Berks County EMA or his designate. Once the order to activate is issued, the Mass Care Officer or designated alternate is notified, who in turn calls out the reception center managers. The reception center located at the Morgan Corp., Morgantown, although located in Berks County, will be activated by Chester County.

II. Responsibilities of Reception Center Managers:

- A. Acknowledge receipt and make a written record of the notification received, including date and time.
- B. Issue mobilization instructions to reception center staff.
- C. Strip maps, showing routes from the reception center to mass care centers, and other necessary information and material will be delivered to reception centers at SITE EMERGENCY by the Berks County EMA.
- D. Confirm with the person in charge of the reception center facility the details of the predisaster agreement for operations, and then proceed to open the reception center.
- E. Brief incoming reception center staff, assigning responsibilities to include the following:
 - 1. Traffic Control
 - 2. Communications
 - 3. Strip map distribution/mass care assignment
 - 4. Maintenance of evacuee head count
- F. The primary means of communication between the reception center and the Berks County EOC will be by RACES radio. Telephones (where available) will serve as a backup.
- G. After the reception center is closed, the manager will take all necessary steps to prepare the facility for return to the owner.

III. Reception Center Operations

- A. As evacuees arrive at the reception center, they should be evaluated as to mass care needs, assigned to appropriate mass care accommodations, and provided with strip maps to mass care centers.
- B. Reception center staff should maintain accurate records of vehicles and evacuees processed and mass care center assignments. This information should be continuously monitored so that mass care centers are not over-filled.

- C. Report figures on evacuees processed, mass care assignments, and any unmet needs to the Berks County Mass Care Officer in the Berks County EOC on an hourly basis.

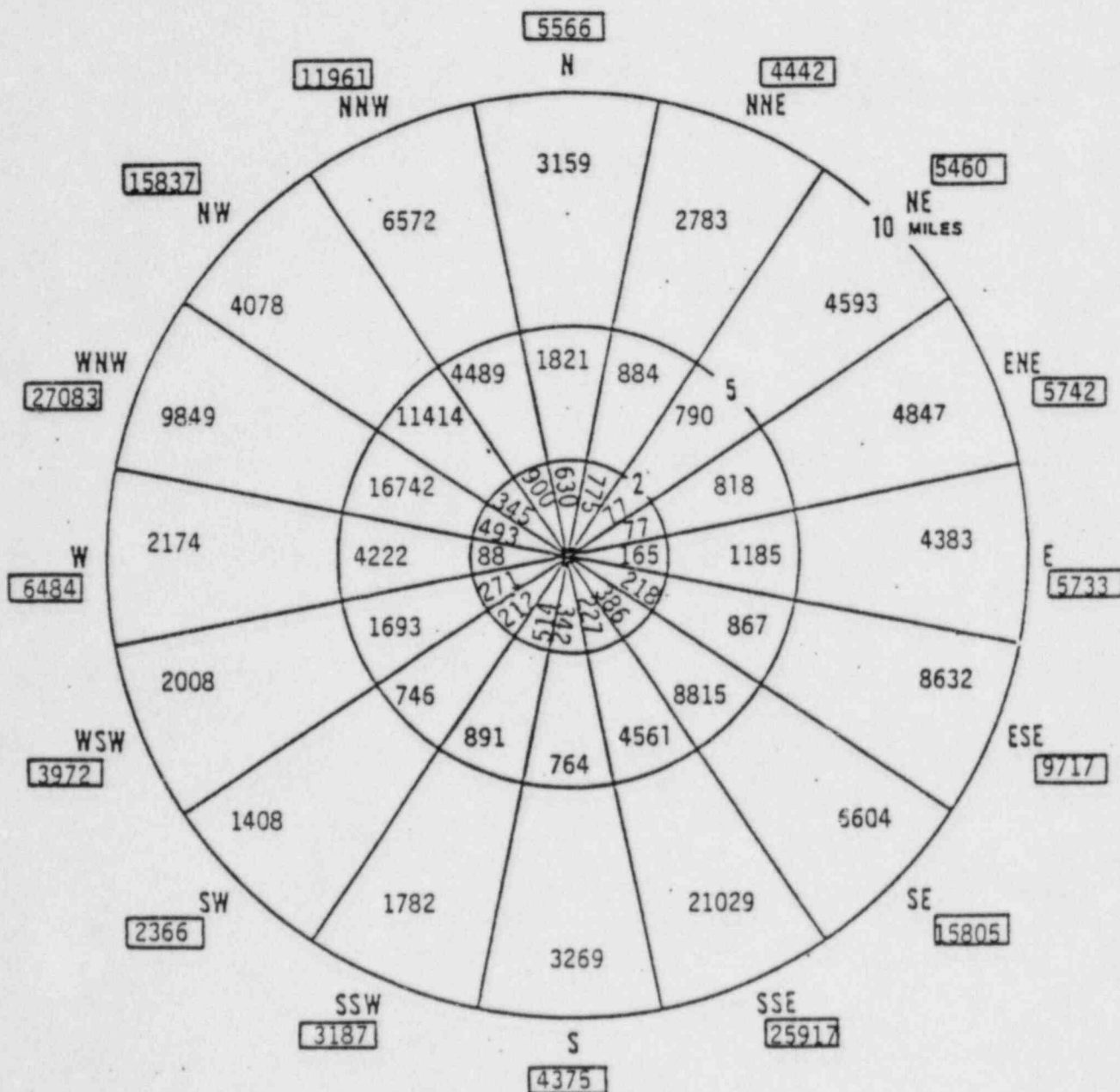
IV. Records and Fiscal Matters

- A. The reception center manager, after the reception center is closed, should prepare a final after-action report to include:
 - 1. A complete summary of all activities including statistics on the number of evacuees processed.
 - 2. Names and addresses of all staff.
 - 3. Message logs.

APPENDIX 5

ANNEX J

POPULATION DATA BY SECTOR



POPULATION TOTALS			
RING, MILES	RING POPULATION	TOTAL MILES	CUMULATIVE POPULATION
0-2	5,720	0-2	5,720
2-5	60,653	0-5	66,373
5-10	87,169	0-10	153,547

NOTE: These figures are based on a residential meter count conducted by Philadelphia Electric in May 1980. The population total shown here is not the same as the plume EPZ population since the plume EPZ extends beyond ten miles in many instances.

ANNEX K

TRAFFIC CONTROL

I. PURPOSE

To establish procedures for traffic control in support of emergency operations to include an evacuation of residents and transients from within the plume exposure pathway EPZ in event of an incident at the Limerick Generating Station.

II. RESPONSIBILITY

The responsibility for the development of plans for traffic control in the event of an emergency rests with the Berks County Emergency Management Agency Director. The Berks County Police Services Coordinator, in cooperation with the Pennsylvania State Police and municipal police forces, is responsible for the execution of traffic control plans. The removal of traffic obstructions will be coordinated by the Public Works Officer, supporting municipal efforts. PennDOT and National Guard (as available) resources will be utilized along main evacuation routes for the clearance of roads and emergency fuel distribution. The utilization of these resources will be coordinated by the Berks County Public Works Officer. Additional private/commercial resources will be mobilized by the county on an "as available/as needed" basis.

III. REQUIREMENTS

To ensure an orderly flow of traffic in the event of an evacuation, control points must be established at major intersections along main evacuation routes. Municipal police forces are responsible for traffic flow within their municipality. The Pennsylvania Department of Transportation will assist with the clearance of obstacles on main evacuation routes. If needed, the Pennsylvania National Guard will provide wreckers and gasoline trucks to service vehicles along major evacuation routes. Municipal emergency management agencies are tasked with providing these services within the municipality; municipal unmet needs will be responded to by the Berks County Public Works Officer.

IV. CONCEPT OF OPERATIONS

A. Unusual Event

1. No action necessary.

B. Alert

1. If requested, the Police Services Coordinator and the Public Works Officer report to the Berks County EOC.
2. Police departments serving the plume exposure pathway EPZ will be notified of the Alert (reference Appendix K-1).

C. Site Emergency

1. Same actions as shown for Alert.
2. The Police Services Coordinator, Public Works Officer and their staffs report to the Berks County EOC.
3. Police departments and Fire Police throughout Berks County are notified and those serving the plume exposure pathway EPZ are put on standby status.
4. The Public Works Officer reviews resource availability and responds to any municipal unmet needs (reference Annex Q).
5. The Public Works Officer notifies road clearance and fuel resources and places them on standby status (reference Appendix K-3).
6. The Public Works Officer and Police Services Officer contact PennDOT and the County Engineer in order to identify areas of construction, detours, etc. affecting evacuation routes.

D. General Emergency

1. Same actions as shown for Unusual Event, Alert and Site Emergency.
2. Sheltering Operations (if sheltering is the recommended protective action):
 - a. The Police Services Coordinator, in coordination with the PSP liaison, ensures that access control personnel have been dispatched.
3. Evacuation Operations (if evacuation is the recommended protective action):
 - a. The Police Services Coordinator ensures that traffic control points are manned in preparation for evacuation.
 - b. The Public Works Officer mobilizes those road clearance resources assigned to meet municipal unmet needs and county needs along primary evacuation routes (reference Appendix K-3).
 - c. The Public Works Officer notifies the Pennsylvania Department of Transportation through PEMA regarding clearance of obstacles on main evacuation routes which are unable to be moved by county or municipal resources.
 - d. The Public Works Officer ensures that municipal governments have provided wreckers and fuel resources at pre-designated locations along secondary evacuation routes.

- e. The Police Services Coordinator ensures that personnel manning traffic control points along evacuation routes facilitate the movement of buses and emergency vehicles.
 - f. The Police Services Coordinator, as necessary, imposes communications restrictions on the police radio net, limiting it to emergency transmissions only. (Coordinate with County Communications Coordinator.)
 - g. The Police Services Coordinator directs municipal police departments to render situation reports periodically.
4. Reentry

The Police Services Coordinator directs municipal police departments to prepare to man traffic control points upon notification of authorization for reentry.

APPENDICES:

- K-1. Berks County Police Departments
- K-2. Berks County Traffic Control Points
- K-3. Roadway Clearance Resources and Fuel Resources

APPENDIX K-1

BERKS COUNTY POLICE DEPARTMENTS

(Reference Appendix F-1)

APPENDIX K-2

BERKS COUNTY TRAFFIC CONTROL POINTSAMITY TOWNSHIP

<u>Post</u>	<u>Location</u>	<u>Staffing</u>
PSP-5	PA Rte. 422 & PA Rte. 662, Douglassville	2/PSP
PSP-6*	PA Rte. 422 & L.R. 06059 (Limekiln Rd.)	2/PSP
PSP-7*	PA Rte. 562 & L.R. 06109 (Old Airport Rd.)	2/PSP
A-1	PA Rte. 562 & Richards Ave.	1/Amity Township
A-2	PA Rte. 662 & Nicholson Ave.	1/Amity Township
A-3	PA Rte. 422 & Park Lane	1/Amity Township
A-4	PA Rte. 422 & L.R. 06109 (Old Airport Rd.)	1/Amity Township
A-5	PA Rte. 662 & Pine Forge Rd.	1/Amity Township
A-6	PA Rte. 662 & Weavertown Rd.	1/Amity Township
A-7	PA Rte. 662 & L.R. 06109 (Old Airport Rd.)	1/Amity Township

BOYERTOWN BOROUGH

<u>Post</u>	<u>Location</u>	<u>Staffing</u>
B-1	S. Reading Ave. & Second St.	1/Boyertown Borough
B-2	S. Reading Ave. & Third St.	1/Boyertown Borough
B-3	Philadelphia Ave. & Reading Ave.	1/Boyertown Borough
B-4	Philadelphia Ave. & Second St.	1/Boyertown Borough
B-5	Philadelphia Ave. & Washington St.	1/Boyertown Borough
B-6	Washington St. & Third St.	1/Boyertown Borough

*Also Access Control Point.

COLEBROOKDALE TOWNSHIP

<u>Post</u>	<u>Location</u>	<u>Staffing</u>
C-1	PA Rte. 73 & Funk Road	1/Colebrookdale Twp.
C-2	PA Rte. 100 & Swamp Creek Rd.	1/Colebrookdale Twp.
C-3	PA Rte. 562 & Henry Avenue	1/Colebrookdale Twp.

DOUGLASS TOWNSHIP

<u>Post</u>	<u>Location</u>	<u>Staffing</u>
D-1	PA Rte. 562 & Douglass Drive	1/Douglass Township
D-2	PA Rte. 562 & Greshville Rd.	1/Douglass Township
D-3	PA Rte. 422 & Douglass Drive	1/Douglass Township
D-4	Douglass Drive & Hill School Road	1/Douglass Township
D-5	Douglass Drive & Glendale Road	1/Douglass Township

EARL TOWNSHIP

<u>Post</u>	<u>Location</u>	<u>Staffing</u>
E-1	PA Rte. 562 & Powder Mill Hollow Rd.	1/Earl Township Fire Police

UNION TOWNSHIP

<u>Post</u>	<u>Location</u>	<u>Staffing</u>
PSP-3	PA Rte. 724 & River Bridge Road	2/PSP
PSP-4*	PA Rte. 724 & L.R. 06097 (Crusher Rd.)	2/PSP
U-1*	Shed Rd. & Red Corner Road	1/Kulptown Fire Police

WASHINGTON TOWNSHIP

<u>Post</u>	<u>Location</u>	<u>Staffing</u>
PSP-10	PA Rte. 100 & L.R. 06033	2/PSP

*Also Access Control Point.

W-1*	Passmore Rd. & Hoffmansville Rd.	1/Bally Fire Police
W-2*	County Line Rd. & Hoffmansville Rd.	1/Bally Fire Police

CAERNARVON TOWNSHIP

PSP-1	PA Rte. 23 & L.R. 06093	2/PSP
PSP-2	PA Rte. 23 & L.R. 06090 (entrance to Morgan Corp. Reception Ctr.)	4/PSP

HEREFORD TOWNSHIP

<u>Post</u>	<u>Location</u>	<u>Staffing</u>
PSP-11	PA Rte. 100 & PA Rte. 29	2/PSP

OLEY TOWNSHIP

PSP-8	PA Rte. 562 & PA Rte. 662	2/PSP
PSP-9	PA Rte. 73 & T671 (Main Street)	4/PSP

Note: Berks County Sheriff's Dept. personnel are available as backup traffic control personnel if needed.

*Also Access Control Point.

APPENDIX K-3

ROADWAY CLEARANCE RESOURCES AND FUEL RESOURCES

- I. Wreckers - A current list of wrecker/tow truck operators is maintained on file in the Berks County Communications Center for any emergency.
- II. Fuel Resources on Major Evacuation Routes (Outside EPZ)

John Benfield Sunoco
Rt. 100 (East Side) & Gehringer Rd.
John Benfield
845-7346

Targets Auto Center, Chevron
Rt. 422 (South Side) & Rt. 82
Tom Target
385-3800 or 582-2044 (W)
689-5021 or 689-5219 (H)

Clayton Auto Center, Chevron
Rt. 100 (East Side) & Kutztown Rd.
Charles Clayton
845-2633 (W), 845-7322 (H)

BP
Rt. 422 (South Side) 1/2 Mile
West of Jct. Rt. 82 & Rt. 422
24 Hr. Service
582-3880 (W)

Haas Mobil
Rt. 73 (South Side) & Covered Bridge Rd.
Charles W. Haas

Penn Supreme
Rt. 422 (North Side) at Fairlane Rd.
24 Hr. Service

Mobil
Rt. 724 & Rt. 82
Richard Sayer
779-8122 (W), 385-7238 (H)

ARCO
Route 422 (North Side) & 47th St.
George Tobias
779-9818 (W), 933-9566 (H)

RECO
Rt. 422 (South Side) & Gibrelton Rd.
Richard Sayer
779-8122 (W), 385-7238 (H)

FISCA
Rt. 422 (South Side) & Fairlane Rd.
(903) 236-7000

Sivco's Garage, Citgo
Rt. 100 (East Side) & Rt. 29
Mike Sivco
679-8887 (W), 679-8375 (H)

Sunoco
Rt. 422 (North Side) & 47th St.
24 Hr. Services
Jim Rau
779-3855 (W)

Kehs Brothers, Mobil
Rt. 100 (West Side)
Bally, PA
Henry Kehs 845-2266
Ernest Bauman 966-2571 (nights & weekends)

Drumheller Chevron
Rt. 73 (North Side) & Rt. 662 South
Robert Drumheller
987-3100 (W), 987-3148 (H)

Exxon
Rt. 724 & Rt. 82
Frank Bentz
582-8140 (W)

ANNEX L

MASS CARE

I. PURPOSE

To prescribe procedures to be followed in the emergency activation and operation of mass care centers. Mass care centers will provide public shelter to persons who otherwise would have no place to stay during an evacuation of the plume exposure pathway EPZ due to an incident at the Limerick Generating Station.

II. RESPONSIBILITIES

The primary responsibility for the activation and operation of Berks County mass care centers shall rest with the Berks County Emergency Management Agency Director together with the Mass Care Coordinator and his staff. The Red Cross will provide support in mass care operations. The responsibility for the operation of individual mass care centers rests with the mass care center manager.

Decontamination monitoring teams will be assigned to each mass care center and shall be assigned a specific work space by the center manager. These decontamination monitoring teams shall, however, receive direction from, and report to, the Berks County Radiological Officer at the Berks County EOC.

III. REQUIREMENTS

A. It is estimated that individuals evacuating into Berks County will be of the following origin:

Berks County	15,560
Montgomery County	16,428
Chester County	<u>4,164</u>
Total:	36,152

The County has identified mass care facilities for 50% or 18,076.

B. An additional estimated 2,881 Berks County residents from Eastern Colebrookdale Township and Washington Township will evacuate with Lehigh County. Lehigh County has identified mass care accommodations for 1,440, or 50% of these Berks' County residents.

C. Mass care centers will be located at approximately a 20-mile distance or further from the Limerick Generating Station.

IV. CONCEPT OF OPERATIONS

The Mass Care Coordinator, assisted by the Red Cross staff, is responsible for the following actions:

A. Unusual Event

No action required.

B. Alert

1. When requested, the Mass Care Coordinator reports to the EUC.
2. The Mass Care Coordinator alerts the members of his staff, the Berks County Chapter of the American Red Cross, and other support staff, advising them of the situation.

C. Site Emergency

1. Same actions as shown for Alert.
2. The Mass Care Coordinator's staff and Red Cross staff are mobilized, and Red Cross volunteers placed on standby status.
3. Reception centers and mass care centers are notified and placed on standby status.
4. The Mass Care Coordinator will coordinate with the Radiological Officer regarding the assignment of radiological monitoring teams to appropriate mass care centers.
5. The Mass Care Coordinator will coordinate with the Communications Officer regarding the assignment of RACES communication units to mass care and reception centers, as required.

D. General Emergency

1. Same actions as shown for Site Emergency.
2. Reception centers and mass care centers are activated if an evacuation is directed.

APPENDICES:

- L-1. Berks County Mass Care and Reception Centers for Incidents at the Limerick Generating Station
- L-2. Map - Location of Reception Centers, Mass Care Centers and Host Schools
- L-3. Activation of Mass Care Centers
- L-4. Registration Form for Mass Care Centers
- L-5. Mass Care Activity Report Form
- L-6. Monitoring/Decontamination Team Assignments

L-7. Reception Center Staff Assignments

L-8. Berks County Animal Shelters (Outside of EPZ).

APPENDIX L-1

BERKS COUNTY MASS CARE CENTERS FOR RADIOLOGICAL EMERGENCIES

AT THE LIMERICK GENERATING STATION

I.A. Reception Center #1: Oley Valley High School
 Jefferson St.
 Oley, PA 19547 Phone: (215)987-6217

B. Mass Care Centers for Oley Reception Center (In Order of Activation)
 (Planned Maximum Requirement: 5,785):

<u>FACILITY:</u>	<u>CAPACITY:</u>	<u>CUMULATIVE CAPACITY</u>
#1 Fleetwood Area High School 409 N. Richmond St. Fleetwood 944-7656	600	600
#2 Fleetwood Area Middle School W. Arch St. Fleetwood 944-7634	520	1120
#3 Kutztown Area Senior High School Constitution Boulevard Kutztown 683-7346	800	1920
#4 Brandywine Heights Area High School Topton 682-7115	800	2720
#5 Muhlenberg Senior High School Sharp Ave. and Francis St. Laureldale 929-0705 ext. 50	1000	3720
#6 Schuylkill Valley High School Leesport 926-1706	875	4595
#7 Schuylkill Valley Intermediate School Leesport 926-1706	600	5195
#8 Muhlenberg Junior High School 801 Bellevue Avenue Laureldale 929-0605	700	5895

II.A. Reception Center #2: Cumru Elementary School
 Philadelphia Avenue
 Shillington, PA 19607 775-1461 Ext. 28 or 29

B. Mass Care Centers for Shillington Reception Center (In Order of
 Activation) (Planned Maximum Requirement: 4,260):

	<u>FACILITY:</u>	<u>CAPACITY:</u>	<u>CUMULATIVE CAPACITY</u>
#1	Gov. Mifflin Intermediate School 600 Gov. Mifflin Drive Shillington 775-1461 Ext. 71-76	1500	1500
#2	Gov. Mifflin Senior High School 101 S. Waverly Street Shillington 775-1461 Ext. 11	1200	2700
#3	Gov. Mifflin Junior High School 130 E. Lancaster Avenue Shillington 775-1461 Ext. 44-46	1170	3870
#4	Wilson Central Junior High School Grandview Boulevard West Lawn 670-0182	850	4720

III.A. Reception Center #3: Pathmark Lot
Rt. 422 and Business Rt. 422
Reiffton
Reading, PA

B. Mass Care Centers for Reiffton Reception Center (In Order of
Activation) (Planned Maximum Requirement: 8,702):

	<u>FACILITY:</u>	<u>CAPACITY:</u>	<u>CUMULATIVE CAPACITY</u>
#1	Mount Penn Senior High School 25th and Filbert Streets Mount Penn 779-3545	1000	1000
#2	Wilson Senior High School Grandview Boulevard West Lawn 670-0182	1600	2600
#3	Wyomissing Area High School Girard and Evans Ave. Wyomissing 374-4031	750	3350
#4	Wilson Southern Junior High School 3100 Iroquois Avenue Sinking Spring 670-0182	1000	4350
#5	Conrad Weiser Junior-Senior High School Robesonia 693-3121	900	5250
#6	Hamburg Junior-Senior High School Windsor Street Hamburg, PA 562-3861	1500	6750

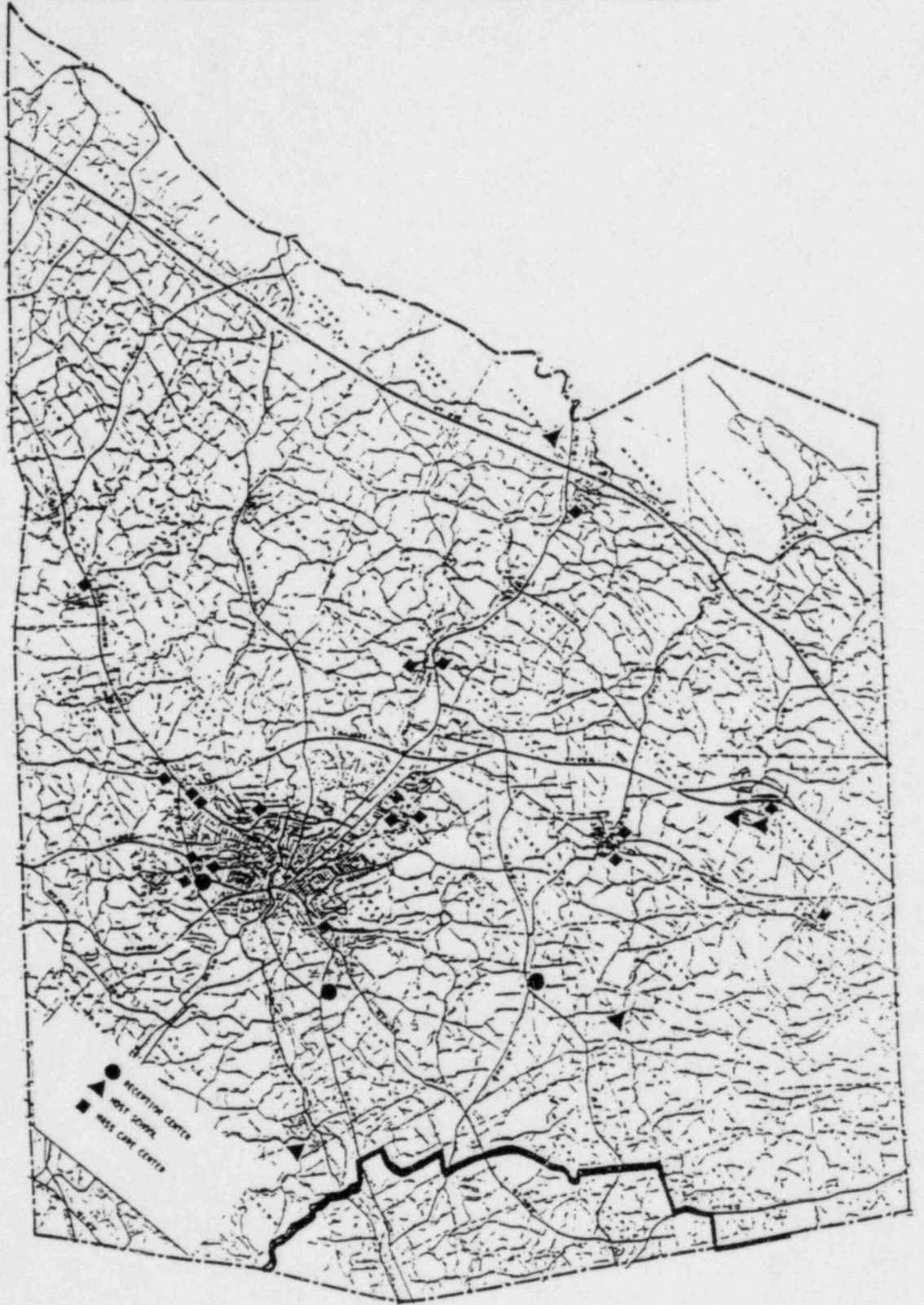
	<u>FACILITY:</u>	<u>CAPACITY:</u>	<u>CUMULATIVE CAPACITY</u>
#7	C. E. Cole Middle School Kutztown Road Laureldale 929-0705 Ext. 30	750	7500
#8	Perry Elementary School* 4th and Reber Streets Schoemakersville 562-3024	600	8100
#9	Riverview Park Elementary School* Stoudt's Ferry Bridge Rd. Riverview Park, Reading 929-0705 ext. 21	600	8700

NOTE: The reception center located at the Morgan Corporation will be staffed and operated by the Chester County DES.

*No decontaminatoin facilities. Decontamination monitoring to be done at mass care center #1.

APPENDIX L-2

MAP OF RECEPTION CENTERS, MASS CARE CENTERS AND HOST SCHOOLS



ACTIVATION OF MASS CARE CENTERSI. ACTIVATION ORDER

The order to activate one or more mass care centers is issued by the Berks County Emergency Management Agency Director or his designate. Once the order to activate is issued, the Mass Care Officer or designated alternate notifies the appropriate Mass Care Center Managers.

II. ACTIONS OF MASS CARE CENTER MANAGERS

- A. Acknowledge receipt and make a written record of the initial notification and all information received, including date and time.
- B. Issue, directly or with assistance from other immediately available personnel, specific mobilization instructions to mass care center staff members assigned to the first shift and directly concerned with mass care center operations. (The call out of staff shall be conducted in accordance with Red Cross Standard Operating Procedures for Mobilization.)
- C. Issue, directly or with assistance, specific standby instructions for second, and if applicable, third shift mass care center personnel directly concerned with relief operations of the centers.
- D. Confirm with person in charge of the building the details of the predisaster agreements for operations, and then proceed to open the mass care center.
- E. Arrange for heating, lighting, cooking, sanitary facilities, water and for substitutes if regular facilities are disrupted. Obtain other supplies and additional equipment as previously planned.
- F. Request support through the appropriate Mass Care Coordinator for required health, police and transportation services and supplies.
- G. Incoming mass care center staff shall be briefed, assigned responsibilities and commence setting up activities.
- H. Use telephones when possible between the mass care center and the Emergency Operations Center and within the center itself. If telephones are unavailable, maintain communications via RACES or messenger service. A public address system may be utilized within the center if desired.
- I. Upon arrival, evacuees shall be monitored for radiation exposure upon their request or when BRP has directed that the situation warrants such. If decontamination monitoring indicates readings above 0.05 mR/hr above background, decontamination will be necessary (reference Annex M, Appendix 1). All persons shall be registered and family units kept together if at all possible. Upon completion

of registration, forward a copy of the registry to the Mass Care Coordinator located at the County EOC.

- J. As each family or individual is registered, they are assigned space. Cots, blankets and chairs are furnished. If quantities are insufficient, then the infirm, aged, expectant mothers, mothers with infants and the handicapped should be given first consideration. Separate quarters are provided for unmarried men and unmarried women, if possible.
- K. Establish and enforce fire and safety regulations and arrange for adequate police and guard protection.
- L. Maintain records of all borrowed and purchased equipment and keep records of all mass care activities. Use this to compile a daily report to be submitted to the Mass Care Coordinator located at the Emergency Operations Center.
- M. Select an Advisory Council from those being cared for, which will assist the Mass Care Center Manager in enforcing health, sanitary, and safety regulations; assign duties to the center inhabitants and advise the manager and staff in dealing with mass care center problems. If the center operation is prolonged, it may be desirable for the Advisory Council to assist in establishing a recreation program.
- N. Provide for janitorial service and the maintenance of essential utilities (e.g., light, heat, water and toilets).
- O. Post large printed signs designating a place or rooms for monitoring/decontamination areas, men's toilet, women's toilet, registration and inquiry, information, clothing and feeding; also, signs for smoking regulations, luggage storerooms, the manager's office and others as required.
- P. Bathing facilities should be provided for all persons, if possible, but especially for babies and small children.
- Q. Feeding must be conducted in a separate room other than the sleeping quarters and space must be provided for a kitchen, dining room and a storage area or pantry storeroom adjacent to the kitchen.
- R. A room shall be set aside as a clothing distribution point if it is planned to distribute clothing in the center.
- S. A Registered Nurse should head the Mass Care Center Aid Station to assist persons requiring special care. If a Registered Nurse is not immediately available, the best-qualified medically trained individual should serve. Medical and nursing supplies should be stored in a location convenient to or within the emergency medical station.
- T. When the amount of supplies warrants it, the Mass Care Center Manager assigns a storekeeper to assist him. Duties are: receiving

and checking incoming supplies and equipment, safeguarding supplies and equipment, maintaining an inventory and issuing properly requisitioned supplies-on-hand receipts. Articles stored for individuals housed within the mass care center shall be plainly marked and stored at the owner's risk.

- U. Pets are not allowed in the human living area of mass care centers. The Mass Care Center Manager may try to provide for pets in a separate area or enclosure with pet owners required to provide for their care. Guide dogs for the blind are not considered to be in this category, and they will remain with their master in the center. Where applicable, activate agreements made with the Humane Society for sheltering pets.
- V. After the mass care center has been closed, the manager will take the necessary steps to prepare the center and grounds for return to the owner. The manager will then prepare and submit a final report to the Mass Care Coordinator located at the Emergency Operations Center. The report shall be in accordance with established reporting policies and procedures.
- W. Report regularly to the County Mass Care Coordinator via RACES or telephone, providing:
 - 1. number of residents
 - 2. individuals monitored and decontaminated
 - 3. supply and other needs

III. SPONTANEOUSLY ACTIVATED MASS CARE CENTERS

In times of emergency, it is quite possible that a pre-designated mass care center, or even a facility not so designated, might be opened spontaneously. When that happens, it might be desirable to continue its operation. Upon request, the Red Cross may be able to provide a Mass Care Center Manager and assume responsibility from that point on for the management and funding of it. It should be made known to the person(s) responsible for the facility that Red Cross management must be accepted in order for the Red Cross to fund its operation, and any unusual costs incurred before the Red Cross assumes management responsibility are not the responsibility of the Red Cross. It is desirable to record this understanding in writing if possible, and to include appropriate notations in the log.

IV. RECORDS AND FISCAL MATTERS

A. Records

In addition to daily reports, agreements, supply requisitions and hand receipts for supplies, the following records shall be prepared:

- 1. A list of all equipment borrowed from government sources with instructions as to disposition when facilities are closed.

2. A list of all other equipment borrowed from private sources and its disposition. When the borrowed equipment is returned to private owners, a signed hand receipt should be obtained.
3. A list of all Red Cross-owned supplies and equipment with instructions regarding transfer to another disaster area or to storage.
4. Reports of loss or damage to both borrowed equipment and buildings.
5. A list of outstanding expenditures for direct purchases of supplies and services.
6. A final after-action report to include:
 - a. A complete summary of all activities including statistics on number housed, fed, given medical care, evacuated or received from other counties or states.
 - b. Names and addresses of all workers, both voluntary and paid.
 - c. Overall narrative report to include recommendations, changes in procedures, suggested improvements and repairs required relating to any damages to the facility or losses or damages to equipment.

B. Fiscal Matters

When a mass care center is operated by Red Cross Managers, then the Red Cross will pay the operational costs of the center(s) as an outright grant. In situations not within Red Cross purview, expenses for operations will be borne by municipal or county governments. In these cases, complete records of expenditures should be kept for reasons of possible reimbursement from State or Federal funds.

V. USE OF GOVERNMENT DONATED FOOD

- A. Normally, if mass care centers are located in schools and school cafeterias are used, food supplies on hand are usually sufficient for immediate needs. Procurement of additional food supplies may be made per agreement with the Pennsylvania Department of Agriculture and the General Services Bureau of Government Donated Foods.
- B. The American Red Cross is authorized to make the necessary requests. Refer to Annex C of PEMA Emergency Management Directive No. 32, Development of a Mass Care Operational Program, November 14, 1980.

APPENDIX L-4

MASS CARE CENTER REGISTRATION FORM

American Red Cross

DISASTER SHELTER REGISTRATION

Family Last Name			
Names	Age	Medical Problem • Killed • Injured • Hospitalized	Referred to Nurse
Man			
Woman (Include Maiden Name)			
Children in Home			
Family Member not in Shelter (Location if Known)			

SHELTER MASTER FILE

Shelter Location	
Shelter Telephone No.	Date of Arrival
Predisaster Address and Telephone No.	

I do, do not, authorize release of the above information concerning my whereabouts or general condition.

Signature _____

Date Left Shelter _____
Time Left Shelter _____

Postdisaster Address and Telephone Number

AMERICAN RED CROSS FORM 3572 (5-79)

APPENDIX L-5

MASS CARE ACTIVITY REPORT

American Red Cross

DISASTER MASS CARE ACTIVITY REPORT

Please use copies. Retain one copy; forward original to Mass Care officer.

U.R. Number _____ Report Number _____ Date of Report (COB) _____	
Location _____ Telephone Number _____	
Facility Type: <input type="checkbox"/> Shelter <input type="checkbox"/> Fixed Feeding <input type="checkbox"/> Mobile Unit <input type="checkbox"/> Other	
Number Sheltered (If applicable) Start of Day _____ End of Day _____ Net Loss _____ or Net Gain _____	
Feeding: <input type="checkbox"/> Fixed <input type="checkbox"/> Mobile Number of Meals: Breakfast _____ Lunch _____ Dinner _____ Snacks _____	
Medical: Number Sent Hospital _____ Number Provided Medical Treatment _____	
Supply: Attached copies of Requisition for Supplies (Form 253-B), Supply Memorandum (Form 2000-B), Inventory of Nonexpendable Property (Form 2349), and receiving documents.	
Staffing: Number of Paid Staff _____ Number of Volunteers _____	
Problems, Remarks, or Comments (If additional space is needed, use reverse side of form)	
Name and Title of Person in Charge	Signature of Person in Charge

AMERICAN RED CROSS FORM 1975 11-791

APPENDIX L-6

MONITORING/DECONTAMINATION TEAM ASSIGNMENTS

(Reference Appendix M-2)

APPENDIX L-7

RECEPTION CENTER STAFF ASSIGNMENTS

Oley Reception Center:

Oley Fire Police

Reiffton Reception Center:

Reiffton Fire Police

Shillington Reception Center:

Keystone F.D. Fire Police

APPENDIX L-8

BERKS COUNTY ANIMAL SHELTERS (OUTSIDE OF EPZ)

Note: The Red Cross will not permit pets in mass care facilities. Persons desiring shelter for pets will be referred to one or more of the following facilities. All arrangements for the shelter of pets are between the pet owner and the animal shelter.

Animal Clinic of Reading 813 Elm Street Reading	376-0065
Animal Hospital of West Lawn 1917 Penn Ave. West Lawn	678-7698
Antietam Valley Animal Hospital 10 North Prospect Street Saint Lawrence	779-4796
Berks Animal Hospital Leisz Bridge Road Leesport (near Reading Airport)	373-0280
Cacoosing Animal Hospital 580 E. Penn Ave. Wernersville	678-2403
Myerstown Animal Hospital 410 South Broad St. Myerstown	(717)-866-7515
Power's Veterinary Hospital 134 North 10th Street Reading	374-6115
Kathleen Waldeck, V.M.D. 30 West Wyomissing Ave. Mohnton	373-3277
Willow Creek Animal Hospital Leesport Road Reading	378-0192

ANNEX M

RADIOLOGICAL EXPOSURE CONTROL

I. REFERENCES

- A. "Support Plan for Fixed Nuclear Incidents," Bureau of Radiation Protection, published as Appendix 12, Annex E, Commonwealth of Pennsylvania Disaster Operations Plan.
- B. Annex E, "Fixed Nuclear Facility Incidents," Commonwealth of Pennsylvania Disaster Operations Plan, November 1981.
- C. FEMA-REP-2, "Guidance on Offsite Emergency Radiation Measurement Systems, Phase 1 - Airborne Release," September 1980.
- D. NUREG-0654 (FEMA-REP-1), "Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants," Revision 1, November 1980.
- E. Manual of Protective Action Guides and Protective Actions for Nuclear Incidents, U.S. Environmental Protection Agency, Office of Radiation Programs, Washington, D.C., June 1980.

II. DEFINITIONS

- A. Bureau of Radiation Protection (BRP) - The state agency upon whom the Berks County EMA will rely for incident assessment and plume monitoring services; BRP information will be disseminated by PEMA.
- B. CD V 700 - Survey meter (geiger counter) used to conduct decontamination monitoring.
- C. CD V 730 - A self-reading dosimeter with a scale from 0-20UR.
- D. CD V 742 - A self-reading dosimeter with a scale from 0-20UR.
- E. CD V 750 - The dosimeter charger used to charge (zero) the DCA-622, the CD V-730, and the CD V-742 dosimeters.
- F. DCA-622 - Abbreviation for Dosimetry Corporation of America model 622 self-reading dosimeter; has a 0-20UR scale and is the commercial equivalent of the CD V-730.
- G. Decontamination Center - A facility co-located with each mass care center where evacuees may undergo decontamination monitoring and, if necessary, are decontaminated.
- H. Decontamination Monitoring - The process of checking a person or object with a survey meter to ascertain if the person or object is fouled with a radioactive substance.

- I. Decontamination Station - A facility located just outside the plume exposure pathway EPZ where emergency workers undergo decontamination monitoring and, if necessary, are decontaminated.
- J. Dosimeter Charger - CD V-750; a device used to zero self-reading dosimeters, which in this plan are the DCA-622, the CD V-730, and the CD V-742.
- K. Dosimeter/Dosimetry - Pocket size devices that measure accumulated exposure to radiation.
- L. Dosimeter Corporation of America Model 622 (abbreviated DCA-622) - A self-reading dosimeter with a U-20R scale; the commercial equivalent of the CD V-730.
- M. Double clothing or rain gear protection - The donning of outer rain clothing (rain hat, coat and boots) by emergency workers as a protective measure to prevent radiocontamination directly on the body.
- N. Emergency Workers - In this appendix, those persons who could be exposed to radiation as a consequence of performing assigned tasks to meet an emergency situation. Included are all those persons deployed within the plume exposure pathway EPZ or are assigned to decontamination monitoring duty. Generally, these persons will be assigned to: (1) emergency management agencies, (2) police departments, (3) fire companies, (4) ambulance services, (5) hospitals, or (6) are farmers who keep livestock within the plume exposure pathway EPZ.
- O. FRMAP - Abbreviation for Federal Radiological Monitoring and Assessment Plan; it is the federal government's plan for response to a fixed nuclear facility incident.
- P. KI - Chemical symbol for potassium iodide.
- Q. Pennsylvania Emergency Management Agency (PEMA) - The state agency responsible for overall coordination of offsite radiological emergency planning and for direction and control of emergency operations in the event of an incident at a fixed nuclear facility.
- R. Personnel Monitoring - Refers to the use of dosimetry to alert the wearer to accumulated radiation which in turn provides a reasonable estimate of the rate at which radiation is being received.
- S. Potassium Iodide (chemical symbol is KI) - A prophylactic drug that offers some protection to the thyroid gland from injury due to accumulation or radioiodine in the thyroid.
- T. Radiocontaminate/Radiocontamination - Refers to a radioactive substance as it besmirches or pollutes people, objects and the environments.
- U. Radioiodine - Radioactive iodine.

- V. Rem - A unit of radiation measurement that is based upon effects as measured in the human body; in this plan Roentgen and rem are considered to be essentially the same.
- W. Roentgen (R) - A unit of measurement of x-ray or gamma radiation based upon effects as measured in the air (e.g., by the self-reading dosimeters, DCA-622, CD V-730, and CD V-742); in this plan Roentgen and rem are considered to be essentially the same.
- X. Survey Meter - In this plan the CD V-700; a geiger counter used to conduct decontamination monitoring.
- Y. Thermoluminescent Dosimeter (TLD) - A crystalline dosimeter that measures radiation by the amount of luminescence induced in it. The crystal is mounted in a card. This type of dosimeter can only be read on a dosimeter reader.
- Z. TLD - Thermoluminescent dosimeter.
- AA. TLD Service Contractor - The service contractor providing TLD service in support of the Commonwealth's "Fixed Nuclear Facility Incidents" plan. The TLD service will include: provision of the TLDs; annual replacement; reading the TLDs during or after an incident and transmitting the data to BRP or PEMA.
- BB. Unit of Dosimetry-KI - The number of dosimeters and the amount of KI to be issued to each emergency worker assigned within the plume exposure pathway EPZ consists of: one CD V-730 or one DCA-622; one CD V-742, one TLD, one Dosimetry-KI Report Form, and a fourteen day supply of KI for one person. Decontamination team members working outside the plume exposure pathway EPZ will have the same items with the exception of not having the CD V-730 or its commercial equivalent, the DCA-622.

III. PURPOSE

The purpose of this Annex is to specify Berks County's overall plan of radiation protection for the general public and offsite emergency workers, including incident assessment, radioactive plume monitoring, protective action measures, decontamination monitoring of the general public and offsite emergency workers to include their clothing and equipment, and disposal of radiocontaminated waste. Information on evacuation and means of disseminating emergency information to the public is included in Annexes J and K respectively.

IV. CONCEPT OF OPERATIONS

A. Berks County Emergency Management Agency

The Berks County EMA will rely upon the Bureau of Radiation Protection, through PEMA, for incident assessment, field monitoring, and representation at the Limerick Emergency Operations Facility for the receipt, analysis, and coordination of field monitoring data.

The Berks County EMA will provide for: protection of emergency workers via training, dosimetry and KI; decontamination monitoring of the general public, as well as federal, state, county and municipal emergency workers; decontamination monitoring of pertinent personal items including vehicles and emergency equipment; decontamination, as necessary, of personnel and related items including vehicles; appropriate medical referrals for further monitoring, decontamination and treatment; maintenance of dosimetry, chargers, survey meters, KI in tablet form and related record keeping forms in a central location for distribution to municipalities and decontamination centers/stations at the ALERT classification; maintenance of a radiological exposure record system; certification of farmers as emergency workers for access to livestock kept within the plume exposure pathway EPZ; and training of personnel to carry out radiological exposure control plans.

B. Pennsylvania Emergency Management Agency (PEMA)

The Pennsylvania Emergency Management Agency: coordinates with BRP, the utility, other state agencies, federal government agencies, and risk counties for protective actions of the public and emergency workers; provides counties during the emergency, periodic situation reports including incident assessment and plume exposure information; specifies procedures for decontamination of emergency personnel and their clothing; assists FRMAP (Federal Radiological Monitoring and Assessment Plan) personnel with pertinent logistics information related to the disposal of radiation contaminated waste materials generated from the general public and offsite emergency workers; predistributes dosimetry and KI to county emergency management agencies and specifies implementation of a comprehensive inventory-maintenance program for those items; collects TLDS and appropriate records from the county after each incident; assists the Department of Health with the distribution of potassium iodide.

C. Bureau of Radiation Protection (BRP)

The Bureau of Radiation Protection is the state agency that will conduct the technical tasks of incident assessment and air monitoring for detection and definition of the radioactive plume. BRP calculates projected radiation doses to the whole body and thyroid and reports these projections, as well as actual radiation exposure rates and total doses received by affected areas, to PEMA. BRP recommends protective actions based on its information and analysis of the situation. BRP interprets the Department of Environmental Resource's analysis of environmental, agricultural and foodstuffs sampling, and reports these findings as appropriate to PEMA, Department of Health, and Department of Agriculture. BRP collates the state, federal and licensee data for comprehensive technical analysis and transmits its information to PEMA who, in turn, relays appropriate information through emergency management channels.

L. TLD Service Contractor

During an incident and at PEMA's request, the TLD service contractor will conduct mechanical "reading" of the TLDs used by emergency workers. The contractor will relay the readings and related information to BRP or PEMA.

E. Municipal Governments

Each municipal government within the plume exposure pathway EPZ will assist the county in issuing dosimetry and KI to emergency workers within its area at the SITE EMERGENCY classification.

F. Emergency Workers

In addition to the performance of assigned tasks, emergency workers are responsible for utilizing their dosimeters, KI, and Dosimetry-KI Report Form as prescribed (reference Appendix 2, Section IV) and for undergoing decontamination monitoring (reference Appendix 1, Section I.D.).

The uppermost limit of radiation exposure is set by the Bureau of Radiation Protection (BRP) at 25 rem whole body exposure, and this limit should not be exceeded except for authorized life saving missions (reference Appendix 2, Section IV.B.4). Emergency workers should strive to keep any exposure as low as reasonably achievable (reference Appendix 2, Section IV).

G. Decontamination Monitoring Teams

Decontamination monitoring teams will monitor (meaning check with a CD V-70U survey meter) members of the public and emergency workers to ascertain if individuals are contaminated with a radiation emitting substance. BRP has set the action level for determining whether individuals are contaminated at 0.05 mR/hr (milliroentgens per hour) above background. If an individual is contaminated at 0.05 mR/hr above background or more, then the decontamination monitoring team must decontaminate the individual. Procedures for decontamination monitoring teams are included in Appendix 1 to this Annex.

V. RADIATION EXPOSURE CONTROL FOR THE GENERAL PUBLIC

A. Protective Actions

1. Protective action measures will be recommended by PEMA.
2. The two primary protective action options for the general public are Sheltering and Evacuation; the plans for implementation of these are described in Annexes C, D, and J.

B. Decontamination Monitoring

The Berks County EMA is responsible for providing decontamination monitoring of the public housed at mass care centers located within the county. People evacuated to support counties will receive decontamination monitoring services from the respective support county. Utilizing trained radiation monitors equipped with survey meters, the public may be monitored for radiation contamination at mass care centers. Appendix 1 to this Annex sets forth the procedures for decontamination monitoring at mass care centers.

VI. EMERGENCY WORKER RADIATION EXPOSURE CONTROL

Unlike the general public, emergency workers with assignments within the plume exposure pathway EPZ are not always able to take shelter and they cannot evacuate the area due to their mission responsibility. Other protective measures available to emergency workers are enumerated below.

A. Dosimetry

1. Each emergency worker assigned tasks within the plume exposure pathway EPZ will be provided two self-reading dosimeters (one CD V-730 or one DCA-622, and one CD V-742) and one thermoluminescent dosimeter (TLD).* The self-reading dosimeters enable the worker to monitor himself during the emergency for total radiation dose received; the TLD is an independently read (by the TLD service contractor) device that is generally considered to be more dependable, accurate and precise than the self-reading dosimeters. Each emergency worker is responsible for following the dosimetry procedures, including record keeping. Appendix 2 to this Annex sets forth guidance and procedures related to dosimetry for emergency workers. Appendix 3 to the Annex is a distribution list which specifies the amounts of dosimetry, dosimeter chargers, bottles of KI (see paragraph B below), and survey meters (see paragraph V.B. above) for each particular emergency organization.
2. The "Receipt Form for Dosimetry-Survey Meters-KI" (reference Attachment E to Appendix 3) and the "Acknowledgement of Receipt by Emergency Workers for Dosimetry-KI and Survey Meters" (reference Attachment F to Appendix 3) form will be used for inventory control of the equipment and KI distributed to emergency workers.
3. Federal and state government personnel are expected to provide their own dosimetry and thyroid gland radioprotective drugs.

*Presently there are insufficient numbers of dosimeters on hand. PEMA is in the process of acquiring the dosimeters needed.

B. Thyroid Gland Protective Drug

1. The accumulation of radioiodines (radioactive isotopes of the common element iodine) in the thyroid gland is a potential threat during a nuclear power plant incident. Potassium iodide (KI) is a drug that acts as a blocking agent to radioiodine, preventing the radioiodine from lodging in the thyroid gland.
2. KI tablets are predistributed with dosimetry to the Berks County EMA, who will distribute it to risk municipalities at the ALERT classification. Individual workers will receive KI at SITE EMERGENCY.
3. KI should be taken only on the advice of the Secretary of the Pennsylvania Department of Health. General information for the emergency worker regarding KI and protection of the thyroid gland is included in Appendix 2 to this Annex.

C. Double Clothing (Rain Gear) Protection

Emergency workers can use their personal rain gear as a prevention against contamination on the body and personal clothing/uniform. Rain hat or other head cover such as a helmet or winter hat, boots or galoshes with pant legs tucked in, rain coat or winter coat with the collar turned up, and gloves offer effective protection by minimizing skin and street clothing/uniform exposure to contaminants that may be present. Extremes in the weather can make the use of double clothing extremely uncomfortable; therefore, BRP will issue an appropriate advisory through emergency management channels at the time of an incident if the double clothing mechanism is to be employed.

D. Respiratory Protection

Should unforeseen circumstances occur whereby emergency workers would be temporarily exposed to a radioactive plume, they should improvise respiratory protective measures if regular respiratory protective gear is not available. BRP will send prompt notice through emergency management channels if respiratory protective measures for offsite emergency workers are recommended. Improvised respiratory protective measures included in BRP's plan are:

1. Sheltering in a vehicle or building that can be "buttoned-up" (windows, doors, and air vents closed).
2. Conscientiously covering the mouth and nose with a cloth or filtering device; suggested items include a handkerchief (folded to 16 thickness if possible), 3 or 4 plys of toilet tissue, or a folded towel.

While these methods may not be fully effective against vapors and gasses, they can be effective temporary protection (until the plume passes or the offsite worker evacuates) against radioactive particulates.

E. Decontamination Monitoring of Emergency Workers

1. Upon completion of his/her mission, each emergency worker must report to an emergency worker decontamination station to be monitored (and decontaminated, if necessary). Of course, emergency workers performing decontamination monitoring at mass care centers will conduct decontamination monitoring for themselves.
2. The monitoring/decontamination stations for emergency workers are located at:

Uley Valley High School in Uley
Daniel Boone High School in Birdsboro
3. Emergency workers may receive the same decontamination monitoring service at mass care centers where decontamination monitoring is currently underway.
4. Whether decontamination station or mass care/decontamination center, all the same procedures for decontamination monitoring as specified for the general public apply to emergency workers with the exception of the thyroid check. Emergency workers should be monitored for accumulation of radioiodine in the thyroid gland (reference Appendix 1, Section II.8).

F. Radiological Training, Inventory, Maintenance and Record Keeping

With the assistance of PEMA, the county EMA is responsible for dosimetry training including dosimeter charging, dosimeter reading and recording of information.

Equipment and KI inventory and maintenance procedures with appropriate records are specified in Appendix 4 to this Annex.

Inventory control during the emergency will consist of a trail of accountability from each agency issuing equipment through the individual end user of the equipment and KI. Forms and procedures for this purpose are included in Appendix 2.

APPENDICES:

1. Decontamination Monitoring Procedures
2. Monitoring/Decontamination Team Assignments
3. Dosimetry and Potassium Iodide (KI)
4. Dosimetry, Potassium Iodide and Survey Meter Distribution List for Radiological Emergency Response to Incidents at the Limerick Generating Station
5. Inventory and Maintenance Procedures

APPENDIX 1

ANNEX M

DECONTAMINATION MONITORING PROCEDURES

I. GENERAL INFORMATION AND ORGANIZATION

A. Decontamination Monitoring of the Public

In the event of a fixed nuclear facility incident, the public and emergency workers may have to be individually monitored to ascertain whether or not the individual is contaminated with a radioactive substance. If a person is found to be contaminated, then he/she must be decontaminated. BKP will issue a statement indicating whether or not decontamination monitoring is required and PEMA will send this message through emergency management channels. Decontamination monitoring teams will be located at mass care centers and will perform decontamination monitoring upon request regardless of whether it is required.

B. Organization at Mass Care Centers

1. Mass care centers for evacuees will serve as points where decontamination monitoring and decontamination procedures will be conducted. When decontamination monitoring is required, evacuees, upon arrival at the mass care center, will be decontaminated after which they will be admitted to the "general living" portion of the mass care center. Trained decontamination monitoring teams will conduct the monitoring for radiological contamination, carry out decontamination procedures, and complete associated records. This activity, while falling under the overall coordination of the mass care center manager, is not an integral part of that operation. Decontamination monitoring teams take direction from the county radiological officer. Decontamination monitoring of evacuees should be completed as soon as possible; decontamination monitoring of personal belongings (i.e., clothing, personal articles, vehicles) can be accomplished after the evacuees have been processed.
2. Decontamination monitoring teams will organize their areas and traffic flow patterns so that contaminated persons and those to be monitored will not mix with the contamination-free individuals already admitted to the "general living" section of the mass care center. For example, persons will be sent to the decontamination area (showers) by a route that will not place them in contact with contamination-free areas. Showers used for decontamination will not be available for general use until they are decontaminated.

C. Decontamination Monitoring Services for Persons Who Are Not Housed at Mass Care Centers.

Persons who do not intend to stay at a mass care center, but who wish to be monitored will be extended these services at mass care/decontamination centers. The decontamination monitoring procedures and record keeping are identical for people who stay or do not stay at mass care centers.

In the event of a contaminating incident or where directed by BRP, patient evacuees from within the EPZ will be monitored and decontaminated if necessary at host health care facilities (reference Annex G).

D. Decontamination Monitoring Station for Emergency Workers

1. Upon completion of his/her mission, or as directed by supervisors, each emergency worker must report to a decontamination monitoring station to be monitored for radiological contamination, and, if necessary, be decontaminated.
2. Most emergency workers will be working within the plume exposure pathway EPZ which extends approximately ten miles in a 360° circumference from the nuclear facility. Since the mass care/decontamination centers for the public are generally located 20 or more miles from the nuclear facilities, special "decontamination monitoring stations for emergency workers" are established closer to the plume exposure pathway EPZ. Therefore, emergency workers will not be required to travel the longer distance to mass care/decontamination centers for decontamination monitoring.
3. Each mass care center and decontamination monitoring station is to extend its service to any requesting emergency worker, whether federal, state, county, municipal employee or volunteer.

E. Equipment and Personnel Requirements

1. The instrument used for decontamination monitoring is the CD V-700 Geiger-Mueller Survey Meter (range: approximately 0.0 to 50 mR/h).
2. A sufficient number of CD V-700 survey meters are available for each mass care center to allow one meter for each 250 mass care spaces; decontamination stations have available one CD V-700 for each 50 emergency workers.
3. Personnel requirements are one trained monitor and one recorder (assistant to the monitor) for each survey meter as a minimum. Each decontamination monitor and recorder is supplied with dosimetry (CD V-742 and TLD) and KI.
4. Inventory, maintenance, and property accountability with regard to dosimetry, survey meters, and KI are described in Appendix 4 to this Annex.

F. Decontamination Monitoring Record Keeping

Decontamination monitoring personnel will be responsible for completing a "Decontamination Monitoring Report Form" (reference Attachment A to this Appendix) for each individual monitored. The form will be completed, signed by the monitor at each of the steps [(1) initial monitoring, (2) after first decontamination, (3) after second decontamination, (4) medical referral.] Two copies of the form will be prepared. One copy will be given to the individual when decontamination is completed or the individual is sent to a medical facility. The original will be retained by the county emergency management agency in a historical file. The Berks County Emergency Management Agency will make available these forms to BRP, if requested by BRP.

G. Progress Reports on Decontamination Monitoring

Decontamination team chiefs should verbally report at two hour intervals to the Berks County Radiological Officer on the results of monitoring. The report shall include the following cumulative data: number of persons monitored; number contaminated; number decontaminated; number referred to a medical facility (for radiation decontamination/treatment); the highest reading (above 0.05 mR/h) on any particular individual; and any unusual or particularly notable findings. The county is responsible for consolidating this information and reporting it immediately to PEMA who in turn will relay the information to BRP.

II. PROCEDURES FOR DECONTAMINATION MONITORING TEAMS

A. Decontamination Monitoring Procedures

Monitors performing decontamination monitoring of people should follow these procedures:

1. Select a reception location for conducting the monitoring operation. Precautions must be taken to prevent contamination of the area.
2. Use the CD V-700. Attach the headphone. This allows the monitor to observe the position of the probe and better control it while monitoring. The headphone responds more quickly to changes in radiation level than the meter.
3. Check the operability of the CD V-700.
4. Place the probe in a light plastic bag or cover of lightweight material to prevent contamination. This is desirable but not mandatory.
5. Periodically determine the background radiation level of the location where the monitoring is to take place. If the meter indication is above background radiation with the probe shield closed, find a better location that will bring the meter indication as low as possible.

6. Open the shield on the CD V-700 probe and put on the headphone.
 7. Place the probe two inches from the head, being careful not to touch the person.
 8. Move the probe downward on one side of the neck, the collar, the shoulder, arm, wrist, hand, underarm, armpit, side of body, side of leg, around the cuff and shoe, including the bottom of the shoe. Then monitor the inside of the leg from the cuff to the groin and continue the procedure on the other side of the body (reference Illustration 1).
 9. Monitor the front and back of the body.
 10. Record the information on the Decontamination Monitoring Report Form (reference Attachment A to this Appendix).
 11. Assure that individuals found to be contaminated are decontaminated.*
 12. Monitor the individual after decontamination to determine that the contamination has been removed. Repeat decontamination procedures if contamination still remains.
8. Thyroid Gland Screening Check for Emergency Workers
1. In addition to the steps outlined in II.A. immediately above, emergency workers are to be screened for thyroid gland uptake of radioiodine.
 2. The thyroid uptake screening procedure follows:
 - a. The CD V-700 is used as the screening detector for thyroid uptake of radioiodine.

CAUTION

The individual being checked must be free of any contamination before this procedure is implemented.

*A person is considered contaminated if there is a reading of 0.05 mR/h or more above background. Do not confuse background radiation with your readings; contamination would be apparent by a sustained increase on the visual meter reading (selector switch on X 1 range), and also by a marked increase in the audible indication from the headphone.

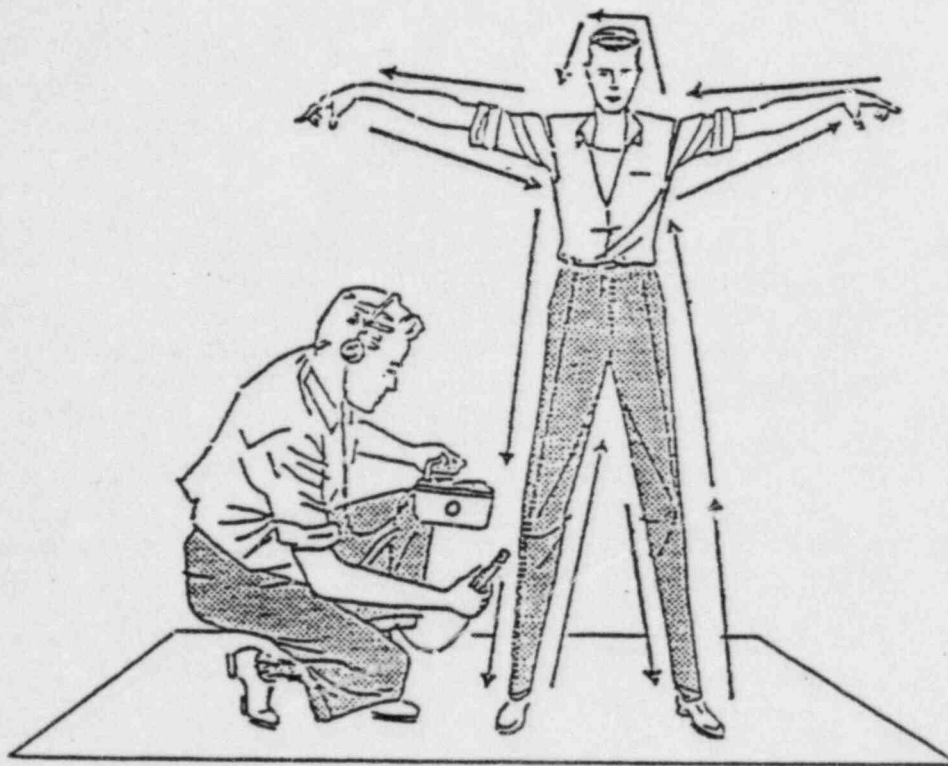


Illustration 1 - Decontamination Monitoring

b. Monitors performing the thyroid screening uptake procedure should follow these steps:

- (1) Put the probe with the shield closed across the front of the neck just below the larynx (Adam's Apple).
- (2) If the reading is greater than or equal to 0.1 mR/hr, refer the individual to the appropriate medical facility for evaluation.
- (3) If the reading is less than 0.1 mR/hr, no further action is necessary.
- (4) Record the data on the Dosimetry-KI Report Form and sign in the appropriate place.

C. Decontamination of People

1. Contaminated persons should wash with soap and warm water; i.e., a thorough shower should be sufficient. Emphasis should be placed on any specific spots found to be contaminated in the monitoring process. Also, special attention should be given to the hair, hands and fingernails.
2. After thorough cleansing the individual should be monitored again. If some contamination still remains, the individual should shower again and use a mild abrasive soap. If monitoring after the second thorough cleansing indicates that the contamination is still present, the individual should be sent to the nearest medical facility capable of treating contaminated persons.
3. Care should be taken that persons who are decontaminated do not become recontaminated by dressing in contaminated clothing (the clothing they were wearing or possibly other clothing brought by them.) If the individual does not have contamination free clothing, clothing should be issued the individual until such time as their clothing can be decontaminated.

D. Decontamination Procedures for Wounds

Persons with contaminated wounds should be referred to an appropriate medical facility for radiation decontamination and treatment.

E. Clothing Decontamination Procedures

1. Articles which are machine washable should be laundered with a conventional detergent, line dried in a contamination free area or machine dried, and retained until they can be monitored. Water repellent items may be scrubbed with water and detergent, and retained until monitored.
2. The Berks County EMA is responsible for arranging for a laundry facility dedicated to washing of contaminated clothing.

F. Decontamination Procedures for Supplies, Instruments and Equipment

1. The item in question should be monitored first to determine the extent and area of contamination by thoroughly going over the object with the CD V-700 probe (with open shield) about two inches from the surface. Decontamination of these articles is generally accomplished by wiping or washing to the extent necessary to remove the radiocontaminants.
2. The Berks County Emergency Management Agency is responsible for arranging for radiation monitoring of vehicles and for decontamination. At mass care centers, monitoring teams will initially direct their efforts to the evacuees as described in (a) and (b) above. When time permits, the monitoring teams can monitor the vehicles of the evacuees where they are parked. Generally, external monitoring of vehicles will be sufficient; however, inside monitoring will also be done for those vehicles found to be externally contaminated and those vehicles used by persons found to be contaminated. Suitable car washing arrangements can be made for external decontamination depending upon the number of vehicles contaminated and amount of radiocontamination. The county emergency management agency will seek the advice of BRP, through PEMA, in deciding what measures will be effective and expeditious. Vehicles with contamination in the interiors will be impounded and BRP must be consulted, through PEMA, on how to decontaminate these vehicles before return to their owners.

G. Disposal of Contaminated Wastes

1. As described above, clothing and similar materials as well as miscellaneous equipment and vehicles can be decontaminated. Where cleaning materials and other items cannot be successfully decontaminated, special handling is necessary.
2. Contaminated waste materials should be packaged in a plastic bag, tied securely at the top, and placed in a metal container with a snug fitting lid (garbage can) until it is laundered. If any material cannot be decontaminated by laundering, place it in the same type of plastic bag and container and store in a locked room that is not used for any other purpose until such time as the contaminated waste is disposed of by IRAP (federal government - Interagency Radiological Assistance Plan) personnel. Accumulation of contaminated waste materials and the need for disposal should be reported through the emergency management system.

ATTACHMENT:

1. Decontamination Monitoring Report Form

ATTACHMENT A
APPENDIX 1
DECONTAMINATION MONITORING REPORT FORM

NOTE: THIS FORM WILL BE COMPLETED FOR EACH INDIVIDUAL WITH A READING OF 0.05 mR/hr ABOVE BACKGROUND OR MORE.

NAME of person monitored _____
SOCIAL SECURITY NUMBER _____
ADDRESS _____

FIRST Radiological Monitoring

Monitor's or Recorder's Signature X _____
Mass Care Center _____
Survey Meter Serial # _____ DATE _____ TIME _____ ^{am}/_{pm}

SECOND Radiological Monitoring - to be completed after person has undergone decontamination including acquiring radiologically "clean" clothing.

Monitor's or Recorder's Signature X _____
Mass Care Center _____
Survey Meter Serial # _____ DATE _____ TIME _____ ^{am}/_{pm}

THIRD Radiological Monitoring - to be completed after person has undergone decontamination a second time.

Monitor's or Recorder's Signature x _____
Mass Care Center _____
Survey Meter Serial # _____ DATE _____ TIME _____ ^{am}/_{pm}

ANATOMY	FIRST MONITORING	SECOND MONITORING	THIRD MONITORING
head	mR/hr	mR/hr	mR/hr
face	mR/hr	mR/hr	mR/hr
neck	mR/hr	mR/hr	mR/hr
rt. shoulder	mR/hr	mR/hr	mR/hr
rt. arm	mR/hr	mR/hr	mR/hr
rt. hand	mR/hr	mR/hr	mR/hr
rt. side	mR/hr	mR/hr	mR/hr
rt. outside leg	mR/hr	mR/hr	mR/hr
rt. foot	mR/hr	mR/hr	mR/hr
rt. inside leg	mR/hr	mR/hr	mR/hr
groin	mR/hr	mR/hr	mR/hr
lt. inside leg	mR/hr	mR/hr	mR/hr
lt. foot	mR/hr	mR/hr	mR/hr
lt. outside leg	mR/hr	mR/hr	mR/hr
lt. side	mR/hr	mR/hr	mR/hr
lt. hand	mR/hr	mR/hr	mR/hr
lt. arm	mR/hr	mR/hr	mR/hr
lt. shoulder	mR/hr	mR/hr	mR/hr
chest	mR/hr	mR/hr	mR/hr
stomach	mR/hr	mR/hr	mR/hr
back	mR/hr	mR/hr	mR/hr
buttocks	mR/hr	mR/hr	mR/hr

Medical Referral - subject individual sent to _____ hospital for decontamination and/or treatment at (TIME) _____ ^{am}/_{pm} on (DATE) _____
Decontamination Team Chief's Signature X _____

Form Distribution: Original to county emergency management agency;
copy to person monitored.

APPENDIX 2

ANNEX M

MONITORING/DECONTAMINATION TEAM ASSIGNMENTS

Decontamination Sites

Primary Team Assignment

Daniel Boone Junior-Senior High School (E)	Friendship Fire Co., Birdsboro
Oley Valley High School (E)	Oley Fire Co.
	Community Fire Co., Stony Creek Mills
Fleetwood Area High School (M)	Ruscombmanor Fire Co., Fleetwood
Fleetwood Area Middle School (M)	Alsace Manor Fire Co., Temple
Kutztown Area Sr. High School (M)	Kutztown Fire Co.
Brandywine Heights Area High School (M)	Lyons Fire Co.
Munlenberg Sr. High School (M)	Munlenberg Police Department
	Central Fire Co., Laureldale
Schuylkill Valley High School (M)	Union Fire Co., Leesport
Schuylkill valley Intermediate School (M)	Shoemakersville Fire Co.
Muhlenberg Junior High School (M)	Temple Fire Co.
Gov. Mifflin Intermediate School (M)	Kenhorst Fire Co.
Gov. Mifflin Sr. High School (M)	Keystone Fire Co., Shillington
Gov. Mifflin Jr. High School (M)	Friendship Fire Co., Mohnton
Wilson Central Jr. High School (M)	Wyomissing Fire Co.
Mount Penn Sr. High School (M)	Mt. Penn Fire Co.
Wilson Sr. High School (M)	West Lawn Fire Co.
Wyomissing Area High School (M)	Wyomissing Fire Co.
Wilson Southern Jr. High School (M)	Berkshire Heights Fire Co.
Conrad Weiser Jr.-Sr. High School (M)	Marion Fire Co., Womelsdorf
	Pioneer Hose Co., Robesonia

(E) Emergency Worker Monitoring/Decontamination Station

(M) Mass Care Center

Decontamination Sites

Hamburg Jr.-Sr. High School (M)
C. E. Cole Middle School (M)
Berks Heim (H)
Community General Hospital (H)
Reading Hospital & Medical Center (H)
Saint Joseph Hospital (H)
Wernersville State Hospital (H)

Reserve Teams:

Primary Team Assignment

Hamburg National Guard Armory
Community Fire Co., Shartlesville
Goodwill Fire Co., Hyde Park
Greenfields Fire Co., Bern Twp.
Reading Fire Co./Reading EMA
West Reading Fire Co.
Reading Fire Co./Reading EMA
Wernersville State Hospital
Marion Fire Co., Womelsdorf
Keystone Fire Co., Rehrersburg
Community Fire Co., Frystown
Mt. Aetna Rescue Fire Co.
Reiffton Fire Co.
Friendship Fire Co., Morgantown
Barto Fire Co.
Keystone Fire Co., Bechtelsville
Community Fire Co., Virginville
Community Fire Co., Bernville

NOTE: Current records regarding contact persons, telephone numbers, and trained individuals are maintained on file in the Berks County EUC.

(M) Mass Care Center
(H) Health Care Reception Facility (only if directed by PEMA).

APPENDIX 3

ANNEX M

DOSIMETRY AND POTASSIUM IODIDE (KI) INFORMATION

I. GENERAL INFORMATION

- A. Each emergency worker assigned tasks within the plume exposure pathway EPZ will be equipped with three dosimeters, a Dosimetry-KI Report Form, and a 14 day supply of potassium (KI). Two of the dosimeters are self-reading; they are the CD V-730 or a DCA-622, both of which measure from 0 to 20 R, and the CD V-742 which measures from 0 to 200 R. The third dosimeter is a thermoluminescent dosimeter (TLD) which is a card type device that is read by the TLD service contractor.
- B. Decontamination monitoring team members are issued a CD V-742, a TLD, KI and a Dosimetry-KI Report Form.
- C. Dosimeter chargers (CD V-750) which are used to "zero" or charge the self-reading dosimeters are located with, or within easy access to, each emergency organizational unit.
- D. The CD V-740 (0-100R) self-reading dosimeter is considered an adequate substitute for either the CD V-730 or CD V-742.

II. DISTRIBUTION OF DOSIMETRY-POTASSIUM IODIDE AND RELATED PROCEDURES

A. Distribution

The TLDs, CD V-730s or DCA-622s, CD V-742s, Dosimetry-KI Report Form, potassium iodide and appropriate numbers of CD V-750s in support of response to incidents at the Limerick Generating Station are available from the Berks County EMA. The EMA will distribute the appropriate number of units of dosimetry-KI, dosimeter chargers and survey meters to the municipalities in the risk area when the classification of ALERT is declared. For this purpose a "Dosimetry, KI, Survey Meter Distribution List" is included as Appendix 3. This county list identifies by name and address each organization to be distributed these resources and specifies the number of dosimeters, units of KI, dosimeter chargers, and survey meters to be distributed to each agency. The using organizations will receive from the municipalities and distribute to their emergency workers dosimetry and KI upon the declaration of SITE EMERGENCY. (Note: Decontamination monitoring teams at decontamination centers and stations are not activated until SITE EMERGENCY, upon which distribution is made to the team by the county EMA). Berks County will use County Sheriff's Department staff and vehicles to deliver dosimetry/KI to municipalities. Municipalities are responsible for distribution to user organizations.

B. Property Control

Property accountability must be maintained in the distribution process. The "Receipt Form for Dosimetry-Survey Meters-KI" (see Attachment E) is designed for transferral of quantities of equipment from agency to agency, such as from the county to municipalities and decontamination teams, and from municipalities to emergency response organizations (fire, police, ambulance). "Acknowledgment of Receipt by Emergency Workers for Dosimetry-KI and Survey Meters" (see Attachment F) is designed to expedite transferral of the equipment-KI to individual users. Municipal EOCs, fire companies, police departments, ambulance services and decontamination monitoring teams should use this form (Attachment F) to maintain accountability when distributing the equipment-KI to their individual emergency workers.

Upon termination of an incident, all equipment and unused KI must be returned to the Berks County EMA.

C. Control TLD's

1. In the event of an incident, the Berks County EMA will retain the designated "Control TLDs." Control TLDs are equal in number to about 5% of the total amount allotted for distribution. Each "control TLD" is so labeled and the serial numbers are not in the same sequential batch as the TLDs meant for distribution to emergency workers. As coordinated by PEMA, the control TLDs will be forwarded to the TLD service contractor. The Berks County EMA will complete the "Control TLDs Form" (reference Attachment B) and forward it with the control TLDs.
2. The purpose of "Control TLDs" is to allow measurement of a "baseline" of radiation (background radiation) that the TLDs had been exposed to at the time the Berks County EMA distributed TLDs in reaction to the incident. The measurement of the accumulated background radiation as measured by the control TLDs will be subtracted from the reading obtained from each emergency worker in that county. This procedure can be characterized as a "mathematical zeroing" of the TLD. (The CD V-730s DCA-622s and CD V-742s will be zeroed by the user organizations as they are put into use.)
3. At the time of the incident, the Berks County EMA will ensure that the control TLDs are not exposed to radiation other than background radiation. Specifically, since the TLDs are stored outside the plume exposure pathway EPZ, the county EMA will ensure that the control TLDs are not moved inside the EPZ.

D. County Distribution Time Requirements

The county EMA plans to make its entire dosimetry-KI survey meter distribution to using agencies/organizations within two hours.

III. POTASSIUM IODIDE (KI)

A. Background Information

1. Iodine accumulates in the thyroid gland which is located at the front base of the neck just below the larynx (Adam's apple). Radioactive iodine is no different, i.e., it will accumulate in the thyroid gland in high concentration. Taking KI will have the effect of saturating the thyroid gland with iodine so that radioiodine does not lodge there in a large quantity. Hence, KI lessens the risk to the thyroid gland; otherwise, it provides no protection against radiation.
2. The Pennsylvania Department of Health is responsible for developing policies relating to use of KI during fixed nuclear incidents. The department has procured KI tablets for emergency workers and KI in liquid form for staff and patients of risk hospitals. Thyro-Block (product of Carter-Wallace Inc.) is the brand name of the KI tablets procured by the department. A unit of Thyro-Block consists of 14 tablets of 130 milligrams in size; the dose is one tablet per day. The liquid preparation (manufactured by Roxanne, Inc.) dosage is six drops per day; for planning purposes the liquid KI requirements are based upon a 14 day supply per person.
3. The toxicity level of KI is very low and dangers in taking this drug are considered to be minimal. Nonetheless, individuals should not take more than the recommended dose. Although side effects to KI are unlikely because of the low dose and the short time period it will be taken, some side effects are possible. The side effects may include: skin rashes, swelling of the salivary glands, and "iodism" (metallic taste, burning mouth and throat, sore teeth and gums, cold symptoms and sometimes gastrointestinal symptoms.) A few people may have an allergic reaction with more serious symptoms. These symptoms could be: elevated temperature, joint pains, swelling of the face and body, and at times, severe shortness of breath which requires immediate medical attention.
4. The effectiveness of KI as a blocking agent is greatest if administered before the time of exposure to radioiodine, but some exposure saving can be obtained by administration shortly after exposure. Information on Thyro-Block and on the liquid KI are included in Attachments C and D to this Appendix.

B. Pennsylvania Department of Health Policies on KI

1. KI in tablet form is available to emergency workers (emergency management agencies, police forces, fire companies, ambulance services, and farmers keeping livestock). Those emergency worker organizations and institutions that receive KI protection are specified in Appendix 3.

2. The Secretary of the Department of Health is charged with the decision to use KI during an incident. KI should be taken only on the advice of the Secretary of the Department of Health. The Secretary's advice will be disseminated to emergency workers through emergency management channels. Upon taking KI, the emergency worker should record this information on the Dosimetry-KI Report Form (see Attachment A to this Appendix).

IV. DOSIMETRY READINGS, RECORD KEEPING AND PROTECTIVE ACTION OPTIONS

A. Dosimetry Reading Procedures

1. Dosimeters should be worn in the pocket of an outer garment from the time of issue until the worker is dismissed from duty or until PEMA says dosimetry is no longer necessary. 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. For practical purposes each Roentgen registered on either of the self-reading dosimeters is to be interpreted to mean that the worker has received a corresponding number of rem, e.g., a reading of 5 R should be interpreted to mean that a 5 rem dose has been received.*
3. Each emergency worker should read the self-reading dosimeters at least once each thirty minutes.
4. Two self-reading dosimeters provide redundancy. Workers should heed the higher measurement taken from the two dosimeters. It is possible for dosimeters of this type to have "electrical leakage" that will register a reading not caused by radiation. Nonetheless, workers are to "err on the side of caution" by heeding the higher reading.

B. Protective Action Guides (PAG) for Emergency Workers

1. Whole Body Exposure - The protective action guide for whole body exposure specified by the Environmental Protection Agency (EPA) and by BRP is 25 rem. Workers should use the self-reading dosimeter(s) to ensure that the 25 rem whole body PAG is not exceeded. By regularly checking the self-reading dosimeter(s), the worker can make reasonable judgments about how much radiation, if any, has been received and at what rate it is being received.

*A Roentgen (R) is a unit of measurement of x-ray or gamma radiation that is based upon effects as measured in air; a rem (r) is a unit of radiation measurement that is based upon effects as measured in the human body. In this plan Roentgen and rem are considered to be essentially the same.

2. Emergency workers and supervisors are cautioned that the 25 rem protective action guide should not be construed as "license" to incur radiation exposure unnecessarily. Workers and supervisors should attempt to keep exposure as low as reasonably achievable. This concept means that exposure to radiation should be kept to a minimum for all persons and that any one individual should not receive a total dose far in excess of other emergency workers if circumstances permit substitution of personnel, termination of the assignment, or other protective action.
3. Thyroid Gland Exposure - The EPA and BRP PAG for thyroid dose is 125 rem for emergency workers but with no specific upper limit for life saving activities. An upper limit is not given for thyroid exposure since in the extreme case complete thyroid loss might be acceptable for a life saved.
4. Life Saving Missions - Responsible emergency management of off-site workers dictates that exceeding the 25 rem protective action guide should not occur. However, if there should be extraordinary circumstances wherein a person's life is at stake, the 24 rem whole body dose may be exceeded in order to complete a life saving mission. The EPA and BRP specify an upper limit of 75 rem whole body dose for life saving missions, i.e., subject to special approval, conditions, and measures. Therefore, persons who volunteer for a life saving mission may exceed the 25 rem whole body limit set for emergency workers, but in no case may they exceed 75 rem.

Elected officials in authority may authorize, in advance, volunteer emergency workers to exceed the protective action guidelines (25 rem whole body exposure) to a maximum of 75 rem for a life saving mission. This advance authorization is intended to avoid delay in performing a necessary life saving mission. A wide margin of safety should be maintained to avoid risk from possible adverse long term health effects caused by radiation exposure (see paragraph C below). Decision makers (elected officials) should consider the information in paragraph C below and also ensure that the following conditions have been met:

- a. The mission is of life saving importance.
- b. Alternative solutions have been exhausted.
- c. Emergency workers should be healthy adult male volunteers, preferably over 45 years of age.
- d. The emergency workers selected should be person whose normal duties might involve such missions, i.e., policemen and firemen with suitable protective clothing and respiratory equipment.
- e. The mission is accomplished in the least amount of "stay time."

- f. The emergency workers are knowledgeable of and accept the increased risk of exceeding the 25 rem PAG.

C. Increased Risks Due to Radiation Exposure*

Information concerning the possible consequences of emergency workers' exposure to radiation during a fixed nuclear incident is organized below into three categories - (1) immediate somatic effects, (2) long term somatic effects, and (3) genetic effects. Somatic is an adjective pertaining to characteristics of or effects on the body, as distinguished from genetic characteristics or genetic effects which are manifested in offspring (descendants).

1. Representative Relationships Between a Brief One-Time Radiation Exposure and Immediate Somatic Effects

Representative Absorbed Dose of Whole Body X or Gamma Radiation (rads)

Nature of Effect

5-25 rem	Minimal dose, detectable only by chromosome analysis or other specialized analyses.
50-75 rem	Minimal acute dose readily detectable in a specific individual (e.g., one who presents himself as a possible exposure case).
75-125 rem	Minimal acute dose likely to produce vomiting in about 10% of people so exposed.
150-200 rem	Acute dose likely to produce transient disability and clear hematological changes in a majority of people so exposed.

2. Long Term Somatic Risks as a Result of a One Time Exposure to Radiation

Current knowledge about the long term health effects resulting from a one time radiation exposure below 25 rem indicates that development of health problems, such as cancer, in adults so exposed is extremely unlikely. There is no direct clinical evidence of low level radiation (in this case meaning a one time exposure below the whole body dose protective action guide of 25 rem) causing health problems years after the exposure.

*Information derived from "Basic Radiation Protection Criteria," National Council on Radiation Protection and Measurements Report Number 39, Bethesda, Maryland, March 1, 1982.

3. Genetic Effects of Radiation

Radiation exposure of reproductive cells of the ovary and testis can cause gene and chromosome abnormalities. Persons exposed to radiation should avoid the possibility of conception during the first few months after exposure, in order to virtually eliminate any possible genetic risk.

D. Dosimetry and KI Record Keeping

1. Each emergency worker is responsible for completing a Dosimetry-KI Report Form (reference Attachment A) and for returning it, along with the dosimetry, to his organization at the termination of his services. Each emergency organization shall forward the forms and dosimetry to the county EMA who in turn will deliver the TLDs and forms to PEMA. PEMA will deliver the forms and TLDs from all counties to BRP who will deliver the TLDs to the TLD service contractor for reading. All dosimetry records will be forwarded to BRP for the purposes of record keeping, analysis, reporting and storage.
2. BRP will retain all original copies and will be the permanent record keeper of the completed Dosimetry-KI Report Forms along with BRP's explanation of each, the TLD service contractor generated information and all related material. The records of individuals will be kept confidential
3. BRP will use the Dosimetry-KI Report Form to select TLDs for immediate reading. The highest priority will be given to TLDs worn by persons whose self-reading dosimetry indicates 25 R or more, or where medical authority has requested immediate reading, or where other circumstances warrant. In these cases, BRP will expedite delivery of the TLDs to the TLD service contractor and readings will be received within 24 hours after and contractor's receipt of the TLDs. BRP will promptly relay the readings, with their interpretation to the individual and appropriate medical authorities. All other TLDs will be in the "routine" category of five day turn-around time from the TLD service contractor; individuals will be informed of the TLU readings.
4. If emergency workers turn in their TLD for reading and are later deployed in an area where dosimetry is needed, they should be issued new TLDs.

V. FARMER ACCESS TO THE PLUME EXPOSURE PATHWAY EPZ

A. Farmers as Emergency Workers

Farmers with livestock within the plume exposure pathway EPZ will be designated emergency workers if the EPZ is evacuated. The Berks County EMA will provide these farmers with dosimetry and KI and identification enabling them to stay within or exit and reenter the evacuated area to tend livestock.

B. Distribution of Dosimetry-KI and Farmers' "Pass" to the Evacuated Area

"Contact and Dosimetry-KI Distribution Points for Farmers" are established at:

The Berks County EOC
County Agricultural Center
R.D. #1
Leesport, PA 19533

If an evacuation is necessary, an Emergency Broadcast System (EBS) announcement will direct farmers with livestock within the EPZ to report to the above designate location. The Berks County Agricultural Agent will distribute the dosimetry-KI to the farmers. A "Farmer Emergency Worker Certification" form (reference Appendix U-2) will be completed in duplicate for each farmer. The original copy will be given to the farmer and serve as a pass for access to the evacuated area. The duplicate will be retained by the agriculture representative as the basis for property control.

C. Limitation on Farmer Access to the Plume Exposure Pathway EPZ

The farmer's emergency worker status and authorization to be in the EPZ can be suspended if the incident becomes serious enough to warrant this action.

ATTACHMENTS:

- A. Dosimetry-KI Report Form
- B. Control TLD Form
- C. Patient Package
- D. Receipt Form for Dosimetry-Survey Meters-KI
- E. Acknowledgment of Receipt by Emergency Workers For Dosimetry-KI and Survey Meters

ATTACHMENT B
APPENDIX 3
CONTROL TLDs FORM

When TLDs are distributed during an incident, this form should be completed by the county emergency management agency. The completed form, together with the control TLDs, should be forwarded through PEMA to BRP.

Note: If a fixed nuclear facility incident occurs, the control TLDs should not remain in, or be moved into, the plume exposure pathway EPZ.

County _____

The control TLDs accompanied by this form are serial numbered "Control _____" through "Control _____" and/or "Control _____, _____, _____, _____, _____."

The TLD stock, with which the control TLDs were co-located, was stored at:

Address _____

At the time of the incident, the control TLDs were moved to (if not moved, so indicate):

Address _____

Date and time moved: Date: _____ Time: _____

This form completed by _____

Signature: X _____

Patient Package Insert For

THYRO-BLOCK™

(POTASSIUM IODIDE)
 (pronounced *pot-TASS-um EYE-oh-dyed*)
 (abbreviated: KI)
 TABLETS and SOLUTION U.S.P.

TAKE POTASSIUM IODIDE ONLY WHEN PUBLIC HEALTH OFFICIALS TELL YOU. IN A RADIATION EMERGENCY, RADIOACTIVE IODINE COULD BE RELEASED INTO THE AIR. POTASSIUM IODIDE (A FORM OF IODINE) CAN HELP PROTECT YOU.

IF YOU ARE TOLD TO TAKE THIS MEDICINE, TAKE IT ONE TIME EVERY 24 HOURS. DO NOT TAKE IT MORE OFTEN. MORE WILL NOT HELP YOU AND MAY INCREASE THE RISK OF SIDE EFFECTS. DO NOT TAKE THIS DRUG IF YOU KNOW YOU ARE ALLERGIC TO IODIDE. (SEE SIDE EFFECTS BELOW.)

INDICATIONS

THYROID BLOCKING IN A RADIATION EMERGENCY ONLY.

DIRECTIONS FOR USE

Only as directed by State or local public health authorities in the event of a radiation emergency.

DOSE

Tablets: ADULTS AND CHILDREN 1 YEAR OF AGE OR OLDER: One (1) tablet once a day. Crush for small children. BABIES UNDER 1 YEAR OF AGE: One-half (1/2) tablet once a day. Crush first.

Solution: ADULTS AND CHILDREN 1 YEAR OF AGE OR OLDER: Add 6 drops to one-half glass of liquid and drink each day. BABIES UNDER 1 YEAR OF AGE: Add 3 drops to a small amount of liquid once a day.

For all dosage forms: Take for 10 days unless directed otherwise by State or local public health authorities.

Store at controlled room temperature between 15° and 30°C (59° to 86°F). Keep container tightly closed and protect from light. Do not use the solution if it appears brownish in the nozzle of the bottle.

WARNING

Potassium iodide should not be used by people allergic to iodide. Keep out of the reach of children. In case of overdose or allergic reaction, contact a physician or the public health authority.

DESCRIPTION

Each THYRO-BLOCK™ TABLET contains 130 mg of potassium iodide.

1 drop of THYRO-BLOCK™ SOLUTION contains 21 mg of potassium iodide.

HOW POTASSIUM IODIDE WORKS

Certain forms of iodine help your thyroid gland work right. Most people get the iodine they need from foods, like iodized salt or fish. The thyroid can "store" or hold only a certain amount of iodine.

In a radiation emergency, radioactive iodine may be released in the air. This material may be breathed or swallowed. It may enter the thyroid gland and damage it. The damage would probably not show itself for years. Children are most likely to have thyroid damage.

If you take potassium iodide, it will fill-up your thyroid gland. This reduces the chance that harmful radioactive iodine will enter the thyroid gland.

WHO SHOULD NOT TAKE POTASSIUM IODIDE

The only people who should not take potassium iodide are people who know they are allergic to iodide. You may take potassium iodide even if you are taking medicines for a thyroid problem (for example, a thyroid hormone or antithyroid drug). Pregnant and nursing women and babies and children may also take this drug.

HOW AND WHEN TO TAKE POTASSIUM IODIDE

Potassium iodide should be taken as soon as possible after public health officials tell you. You should take one dose every 24 hours. More will not help you because the thyroid can "hold" only limited amounts of iodine. Larger doses will increase the risk of side effects. You will probably be told not to take the drug for more than 10 days.

SIDE EFFECTS

Usually, side effects of potassium iodide happen when people take higher doses for a long time. You should be careful not to take more than the recommended dose or take it for longer than you are told. Side effects are unlikely because of the low dose and the short time you will be taking the drug.

Possible side effects include skin rashes, swelling of the salivary glands, and "iodism" (metallic taste, burning mouth and throat, sore teeth and gums, symptoms of a head cold, and sometimes stomach upset and diarrhea).

A few people have an allergic reaction with more serious symptoms. These could be fever and joint pains, or swelling of parts of the face and body and at times severe shortness of breath requiring immediate medical attention.

Taking iodide may rarely cause overactivity of the thyroid gland, underactivity of the thyroid gland, or enlargement of the thyroid gland (goiter).

WHAT TO DO IF SIDE EFFECTS OCCUR

If the side effects are severe or if you have an allergic reaction, stop taking potassium iodide. Then, if possible, call a doctor or public health authority for instructions.

HOW SUPPLIED

THYRO-BLOCK™ TABLETS (Potassium Iodide, U.S.P.) bottles of 14 tablets (NDC 0037-0472-20). Each white, round, scored tablet contains 130 mg potassium iodide.

THYRO-BLOCK™ SOLUTION (Potassium Iodide Solution, U.S.P.) 30 ml (1 fl. oz.) light-resistant, measured-drop dispensing units (NDC 0037-4257-25). Each drop contains 21 mg potassium iodide.

WALLACE LABORATORIES
 Division of
 CARTER-WALLACE, INC.
 Cranbury, New Jersey 08512

CV-107915-1079

Issue 10/79

ATTACHMENT D

APPENDIX 3

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 and 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 individuals emergency workers.

LINE NUMBER	DESCRIPTION	QUANTITY
1.	CD V-742 Self-Reading Dosimeter (U-2UUR)	
2.	CD V-730 Self-Reading Dosimeter (U-2UR)	
3.	DCA-622 Self-Reading Dosimeter (U-2UR)	
4.	CD V-75U 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.	Acknowledgment of Receipt by Emergency Workers for Dosimetry-KI and Survey Meters	

RECEIVED BY: _____ TITLE: _____
(print name)

SIGNATURE: X _____ DATE: _____

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

ATTACHMENT E TO APPENDIX 3

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 _____

M-3-E-1

1	2	3	4	5	6	7	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
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	1 bottle	1 each	<input checked="" type="checkbox"/>		
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			

Draft 5
Rev. 4/84

APPENDIX M-4

BERKS COUNTY
 DOSIMETRY, POTASSIUM IODIDE, AND SURVEY METER DISTRIBUTION LIST
 FOR RADIOLOGICAL EMERGENCY RESPONSE TO INCIDENTS AT THE
 LIMERICK GENERATING STATION

Distribution Scheme: Dosimetry, KI tablets, and survey meters are predistributed to the Berks County Emergency Management Agency. Should an incident occur at the Limerick Generating Station, each municipality located within the plume exposure pathway EPZ will be delivered dosimetry and KI from the Berks County EOC. Monitoring/decontamination team personnel and farmer emergency workers should pick up their dosimetry/KI at the county EOC.

A. In the following list, a unit of dosimetry-KI consists of: one CD V-73U or one DCA-622, one CD V-742, one TLD, one Dosimetry-KI Report Form, and a 14-day supply of KI for one person.

	<u>Units of Dosimetry-KI</u>	<u>CD V-75U</u>
1. Berks County Emergency Management Agency.....	100	10
R. D. #1 Leesport, PA (Includes reserve dosimetry-KI units and 10 reserve CD V-70Us)		
2. Berks County Agricultural Officer.....	100	100
(For farmers who keep livestock)		
3. Amounts for delivery to Amity Township Emergency Management Agency.....	113	12
Distributed as follows:		
a. For Amity Township and EOC Staff	29	3
b. For Amity Fire Dept.	70	7
c. For Amity Police Dept.	14	2
4. Amounts for distribution to Boyertown Borough Emergency Management Agency.....	134	15
Distributed as follows:		
a. For Boyertown Borough and EOC Staff	31	3
b. For Friendship & Keystone Fire Depts.	65	7
c. For Boyertown Police Dept.	8	2
d. For Boyertown Lions Ambulance Co.	30	3

5.	Amounts for distribution to Colebrookdale Township Emergency Management Agency.....	69	8
	Distributed as follows:		
	a. For Colebrookdale Twp. and EOC Staff	19	2
	b. For Liberty Fire Co.	40	4
	c. For Colebrookdale Twp. Police Dept.	10	2
6.	Amounts for distribution to Douglass Township Emergency Management Agency.....	17	4
	Distributed as follows:		
	a. For Douglass Township and EOC Staff	15	2
	b. For Douglass Township Police Dept.	2	2
7.	Amounts for distribution to Earl Township Emergency Management Agency.....	43	7
	Distributed as follows:		
	a. For Earl Township and EOC Staff	15	2
	b. For Earl Township Fire Co.	25	3
	c. For Earl Fire Police Dept.	3	2
8.	Amounts for distribution to Union Township Emergency Management Agency.....	56	6
	Distributed as follows:		
	a. For Union Township and EOC Staff	21	2
	b. For Kulptown Fire Dept.	35	4
9.	Amounts for distribution to Washington Township Emergency Management Agency.....	72	7
	Distributed as follows:		
	a. For Washington Township and EOC Staff	20	2
	b. For Barto Fire Co.	20	2
	c. For Bally Ambulance Asso.	32	3
	TOTALS.....	704	169

B. In the following list a unit of Dosimetry-KI consists of: one CD V-742, one TLD, one Dosimetry-KI Report Form, and a 14-day supply of KI for one person.

	<u>Units of</u> <u>Dosimetry-KI</u>	<u>CD V-750</u>	<u>CD V-700</u>
1. Decontamination Stations for Emergency Workers			
a. Daniel Boone Area High School	16	2	4
b. Uley Valley High School	24	2	6

	Units of <u>Dosimetry-KI</u>	<u>CD V-75U</u>	<u>CD V-70U</u>
2. Mass Care Centers for the General Public			
a. Fleetwood Area High School	6	2	3
b. Fleetwood Area Middle School	4	2	2
c. Kutztown Area Sr. High School	8	2	4
d. Bradywine Hgts. Area High Sch.	8	2	4
e. Muhlenbey Sr. High School	8	2	4
f. Schuylkill Valley High School	8	2	4
g. Schuylkill Valley Intermediate School	6	2	3
h. Muhlenberg Junior High School	6	2	3
i. Gov. Mifflin Intermed. High Sch.	12	2	6
j. Gov. Mifflin Sr. High School	10	2	5
k. Gov. Mifflin Jr. High School	10	2	5
l. Wilson Central Jr. High School	8	2	4
m. Mt. Penn Sr. High School	10	2	5
n. Wilson Sr. High School	14	2	7
o. Wyomissing Area High School	6	2	3
p. Wilson Southern Jr. High School	10	2	5
q. Conrad Weiser Jr.-Sr. High Sch.	8	2	4
r. Hamburg Jr.-Sr. High School	12	2	6
s. C. E. Cole Middle School	<u>6</u>	<u>2</u>	<u>3</u>
TOTALS.....	200	42	90

C. Recapitulation of Berks County Total Dosimetry-KI Survey Meter Needs:

- Total CD V-730s - 904
- Total CD-V-742s - 904
- Total TLDs - 904
- Total Units KI (Tablets) - 904
- Total Units KI (Liquid) - (one unit is a 14-day supply for one person) - 0
- Total CD-V-750s - 211
- Total Survey Meters - 100

APPENDIX M-5

INVENTORY AND MAINTENANCE PROCEDURES

I. PURPOSE

This attachment sets forth procedures for inventory and maintenance of the dosimetry, dosimeter chargers, survey meters and potassium iodide (KI) intended for use in response to incidents at the Limerick Generating Station.

II. DEFINITIONS

For the purpose of this appendix, the following definitions are applicable:

- A. Inspection - A visual check for physical damage and missing accessories to include batteries (for the CD V-75U and CD V-70U) which should be stored separately.
- B. Operational check -
 - 1. Self-reading dosimeters (CD V-73U, CD V-742, or Dosimeter Corporation of America Model 622) - The dosimeter is operational if the hairline can be moved to or close to zero using a dosimeter charger.
 - 2. Dosimeter charger (CD V-75U) - The charger is operational if the light source for reading dosimeters is working and the charger can move the hairline on a self-reading dosimeter to or close to zero.
 - 3. Survey meter (CD V-70U) - The survey meter is operational if, after turning the selector switch to the X10 range, allowing 30 seconds for warmup, opening the shield on the probe and placing the open area of the probe as close as possible to the operational check source located on the instrument case, the meter reads between 1.5 and 2.5 mr/h.
- C. Special RERP issue - Refers to dosimeters, dosimeter chargers and survey meters that are either civil defense or commercial equipment issued to selected counties for the express purpose of response to nuclear facility incidents; this equipment is in addition to civil defense kits issued to counties as a preparedness measure for nuclear attack.
- D. Set aside - Refers only to CD V-742 dosimeters and CD V-75U dosimeter chargers originally issued as part of civil defense items which have been removed from the kits (but are stored in the proximity of the kits) and "set-aside" for ready availability if a nuclear power plant incident should occur. This equipment, of course, can be placed back into the civil defense kits if nuclear attack becomes a heightened concern.

III. INVENTORY AND MAINTENANCE PROCEDURES

- A. Annually, during the month of January, the Berks County EMA will physically conduct a complete inventory of all special RERP issue or set-aside of dosimeters, dosimeter chargers, survey meters, KI and related forms (reference Attachment A). Using the form provided (Attachment A), the county director will report the results of the inventory to PEMA.
- B. At least once each year, PEMA will physically conduct an inventory-inspection-operational check of the special issue and set-aside equipment and KI. All such equipment and KI will be made available at a central location for this procedure.
- C. PEMA will provide an annual KI report to the Department of Health.
- D. Equipment will be calibrated at intervals recommended by the equipment supplier.
- E. These procedures pertain only to the special RERP issue or set-aside of equipment and KI for response to nuclear power facility incidents and in no way changes or alters other established procedures for RADEF equipment.

IV. THERMOLUMINESCENT DOSIMETERS

Each year, based on the original issue date, PEMA will conduct an exchange of new-for-old TLUs with the county EMA. When the annual replacements are received from the TLU service contractor, PEMA will exchange the TLUs on a one-for-one basis with the county EMA.

There are no maintenance requirements for the TLUs and each has a usable life of only one year.

ATTACHMENT:

- A. Fixed Nuclear Facility Special Equipment-KI Forms Inventory Report Form

ATTACHMENT A

APPENDIX 5

FIXED NUCLEAR FACILITY SPECIAL EQUIPMENT-KI FORMS
INVENTORY REPORT FORM

BERKS COUNTY

I, _____, certify that a physical
(name of individual conducting the inventory
inventory of the equipment and KI issued to or set-aside by this county
specifically for response to incidents at nuclear power plants was conducted
on _____, 19__ and the results of such inventory are as follows:

<u>Equipment/KI/Forms</u>	<u>1</u> Quantity Special Issue	<u>2</u> Quantity Set-Aside	<u>3</u> Total Columns 1&2	Physical Inventory Quantity
1. CD V-730 self-reading dosimeter	_____	_____	_____	_____
2. Dosimeter Corporation of America Model 622 self-reading dosimeter (commercial equivalent of CD V-730)	_____	_____	_____	_____
3. CD V-740 self-reading dosimeter	_____	_____	_____	_____
4. CD V-742 self-reading dosimeter	_____	_____	_____	_____
5. CD V-750 dosimeter charger	_____	_____	_____	_____
6. TLD (thermoluminescent dosimeter) Serial numbers _____ through _____ and _____ through _____	_____	_____	_____	_____
7. CD V-700 survey meter	_____	_____	_____	_____
8. Bottles of KI (14 tablets)	_____	_____	_____	_____
9. Copies of "Dosimetry-KI Report Form"	_____	_____	_____	_____
10. Copies of "Decontamination Monitoring Report Form"	_____	_____	_____	_____
11. Copies of "Farmer Emergency Worker Certification	_____	_____	_____	_____

NAME OF INVENTORY CLERK: _____
(please print or type)

INVENTORY CLERK'S SIGNATURE: X _____ DATE: _____

SIGNATURE-COUNTY COORDINATOR: X _____ DATE: _____

ANNEX N

SCHOOL SERVICES

I. PURPOSE

To establish policies and procedures to ensure the protection of school students and to provide for the coordinated response of school facilities within the plume exposure pathway EPZ in the event of an incident at the Limerick Generating Station.

II. RESPONSIBILITY

- A. The Berks County Emergency Management Agency Director will monitor and coordinate the development of radiological emergency response plans within the school districts, private and parochial schools of Berks County affected by an incident at the Limerick Generating Station.
- B. The superintendents of school districts within the Berks County section of the plume exposure pathway EPZ of the Limerick Generating Station, in coordination with the Berks County Emergency Management Agency and the Berks County Intermediate Unit, are responsible for the following:
 - 1. Developing radiological emergency response plans within the school districts, private and parochial schools of Berks County affected by an incident at the Limerick Generating Station.
 - 2. Coordinating plans with individual risk and host schools and appropriate municipalities.
 - 3. Establishing procedures for the receipt and dissemination of emergency information.
 - 4. Providing for the transportation of school students in the event of an evacuation.
 - 5. Conducting periodic reviews of emergency plans and procedures and testing and updating critical parts of the plan.
- C. Day care centers and preschool facilities within the plume exposure pathway EPZ are responsible for developing radiological emergency response plans. Such facilities will be notified by the municipality in which they are located in the event of an incident and will coordinate their response with the municipality.

III. REQUIREMENTS

- A. To provide for the safety and welfare of school children attending school within the plume exposure pathway EPZ for the Limerick Generating Station.

- B. To keep parents informed concerning actions to be taken by school districts to provide protection for school children in the event of an incident at the Limerick Generating Station.

IV. ASSUMPTIONS

- A. If an evacuation from the school is required, adequate numbers of teachers/staff will accompany students to host schools and will remain with students until relieved.
- B. School students will remain the responsibility of the respective risk school district until released to parents/guardians, or other duly authorized individuals can assume responsibility.
- C. If a protective action is ordered or appears to be imminent at a time when schools are closed, the authorized officials of schools within the plume exposure pathway EPZ (or those whose students matriculate from within the EPZ) may receive information from PEMA through the Berks County Emergency Management Agency advising them not to reopen the schools until the emergency is over. The appropriate municipal and County EUCs will be informed of the decision. The Berks County EMA will report school closings to PEMA.
- D. School officials will notify parents/ guardians utilizing regular school closing procedures, as appropriate and will coordinate all such announcements with the Berks County EMA.
- E. The evacuation time estimate developed for the Philadelphia Electric Company by HMM Associates estimated that "up to one hour may be required to assemble buses, transport vehicles to schools and to load students onto buses. Vehicles stationed at the facilities at the time of the ordered evacuation could be loaded in as little as 15 minutes following notification. Accordingly, school buses were loaded onto the evacuation network from the period between 30 and 90 minutes following the decision to evacuate."

V. POLICIES

- A. When both the school attended and the student's home is located within the plume exposure pathway EPZ, students will be evacuated from the schools they attend to host schools, where they will be retained under school officials' custody until they are picked up by their parents or guardians.
- B. When the school attended is outside the plume exposure pathway EPZ and the student's home is inside it, the student will be held at his/her own school until picked up by their parent, or guardian or until a delayed dismissal can be completed.
- C. When sheltering is the recommended protective action, students attending schools located within the plume exposure pathway EPZ will shelter inside their own school building. Students who reside within the plume exposure pathway EPZ and attend school outside of it will be retained at their own school and will not be dismissed into the EPZ while the sheltering directive is in effect.

- D. In no case will students be dismissed to their own care if a protective action is imminent.

VI. CONCEPT OF OPERATIONS (SCHOOL IN SESSION)

(School is in session during regular classroom hours (semesters; summer sessions; evening classes); when the authorized school calendar applies; when students are involved in regular school sponsored activities/ events; or when students occupy school facilities under school supervision.)

The Berks County School Services Officer is responsible for the following actions:

A. Unusual Event (School in Session)

No actions are required.

B. Alert (School in Session)

1. When notified, the School Services Officer reports to the County EOC.
2. District superintendents with schools located within the plume exposure pathway EPZ and those with schools located outside the plume exposure pathway EPZ, but who have students who live inside the EPZ are notified.
3. Host school officials located within Berks County are notified.
4. School Superintendents will assure operation of school communications systems, notify appropriate school building principals, and review emergency plans and transportation requirements.
5. The School Services Officer will recommend that risk school officials consider cancellation of special events/activities, alert transportation providers, and report student census to the Berk County EOC.
6. Risk school officials will implement appropriate emergency plans, confirming attendance and consider the cancellation of special events/activities.
7. The School Services Officer will coordinate public notifications with school officials as appropriate.

C. Site Emergency (School in Session)

1. Same actions listed for Alert.
2. Host schools located within Berks County are brought to standby status.
3. The School Services Officer will request report of unmet transportation needs from risk school districts.

4. The School Services Officer will review transportation requirements and place required resources on standby (coordinate with the Transportation Officer).
5. School district superintendents report to their offices and assure readiness of appropriate vehicles. Any requirements for transportation beyond the district's capability are reported to the county EOC.
6. School building principals initiate appropriate emergency procedures and report resource requirements to their superintendent.
7. Based upon the facts of the situation, school district superintendents may decide to close the schools during a school day or at the end of the day while being particularly careful to avoid sending the children home when a requirement to take shelter or to evacuate may be imminent.

D. General Emergency (School in Session)

1. Complete all actions listed for Alert and Site Emergency.
2. The School Services Officer ensures the mobilization and positioning of buses/evacuation vehicles at all assigned schools, coordinating with the Transportation Officer.
3. The School Services Officer shall ensure the dispatch of a RACES mobile unit to each school without radio-equipped vehicles to assure a single radio equipped evacuation vehicle for each school facility.
4. The School Services Officer shall communicate protective action recommendations from PEMA to Superintendents and private school officials, requesting implementation of appropriate RERP procedures.
5. The School Services Officer shall assist in the implementation of protective action recommendations, coordinate actions to satisfy unmet needs with the Berks County Emergency Management Coordinator, and monitor implementation of protective actions by all schools within the EPZ and those schools outside the EPZ whose students reside within it.
6. If an evacuation is ordered, the School Services Officer shall notify all risk schools, monitor the transportation of students to host schools and reserve a single bus to move students from host schools to the designated mass care centers at 8 p.m. (Coordinate with Mass Care Officer)
7. If sheltering is recommended, the School Services Officer shall notify risk school superintendents and private schools and:
 - a. Ensure proper scheduling of buses for delayed dismissal.

- b. Develop mass care capabilities at schools where students are sheltering if indicated (coordinate with Mass Care Officer).
8. Relay orders for suspension of protective action if and when received.
10. When protective action implementation is complete, refer to appropriate procedures for "School Not In Session."

VII. CONCEPT OF OPERATIONS (School not in Session)

[School not in session refers to after hours periods during the time of the authorized school calendar (regular and summer school terms). Special activities during vacation periods will be included if school facilities are occupied.]

The County School Services Officer is responsible for the following actions:

A. Unusual Event

No actions required.

B. Alert (School not in Session)

1. When notified and directed, the School Services Officer reports to the Berks County EUC.
2. The School Services Officer shall notify and brief risk District Superintendents and private schools.
3. School Superintendents will notify and brief building principals and order cancellation of special activities/events.

C. Site Emergency (School not in Session)

1. Complete all actions listed for Alert.
2. The School Services Officer shall transmit PEMA recommendations for school closing to Superintendents and private schools.
NOTE: Should evacuation become imminent after normal school hours, PEMA may recommend keeping schools closed.
3. The School Services Officer, coordinating with the PIU, shall ensure that EBS station(s) make appropriate announcements.
4. Superintendents will brief building principals and implement the PEMA recommendation, notifying parents/teachers/staff utilizing normal district school closing procedures.
5. Building principals will assure that their building is secure and vacated and all special events are immediately cancelled, and provide their evacuation location to their Superintendent.

D. General Emergency (School not in Session)

1. Complete all actions listed for Alert and Site Emergency.
2. If evacuation is ordered, the School Services Officer shall obtain from District Superintendents and private school officials their evacuation location or temporary headquarters.
3. If a protective action is directed, the School Services Officer shall designate a reception center to which any faculty/students outside the EPZ at a special activity should report (coordinate with the EMA Director).
4. District Superintendents will notify building principals and implement the recommended protective action, notifying parents/teachers/staff using normal district procedures.
5. Every effort will be made to ensure that schools are closed before an incident reaches general emergency classification. If a general emergency occurs without any warning and sheltering or evacuation becomes necessary, actions will be accomplished in the manner shown in the plan for schools in session.

APPENDICES:

- N-1. Risk School Information Summary
- N-2. School District Profile Forms
- N-3. School Building Profile Forms
- N-4. District Resources Required for Evacuation
- N-5. School Evacuation EBS Announcement
- N-6. School Evacuation Routes and Host Schools
- N-7. Private Schools in the EPZ
- N-8. Host School Information Summary

APPENDIX N-1

RISK SCHOOLS INFORMATION SUMMARY

1. Boyertown Area School District
Boyertown, PA 19512

Contact: Dr. James R. Replogle, Supt.
(215) 367-6033 (office)
[REDACTED]

District Buildings in EPZ:

Boyertown Area Senior High School
4th and Monroe Street
Boyertown, PA 19512
1425 students

Boyertown Area Junior High School East
2020 Big Road
Gilbertsville, PA 19525
795 students

Boyertown Area Junior High West
South Madison Street
Boyertown, PA 19512
673 students

Boyertown Elementary School
South Madison Street
Boyertown, PA 19512 [REDACTED]
616 students

Colebrookdale Elementary School
New Berlinville, PA 19545
361 students

Gilbertsville Elementary School
Gilbertsville, PA 19525
376 students

New Hanover/Upper Frederick Elementary School
Frederick, PA 19435
573 students

Pine Forge Elementary School
Pine Forge, PA 19548
254 students

Lincoln School*
W. Philadelphia Avenue
Boyertown, PA 19512
64 students (34 mentally retarded or handicapped)

Private Schools within EPZ and Boyertown Area School District:

Montessori Academy of Pennsylvania
645 South Reading Avenue
Boyertown, PA 19512 [REDACTED]
90 students

Wayside Christian School
R. D. #5, Sweinhard Road
Boyertown, PA 19512
70 students

Pine Forge Academy
Pine Forge, PA 19548
136 students (112 residential)

Seventh Day Adventist Elementary School
Pine Forge, PA 19548
34 students

2. Daniel Boone Area School District
Birdsboro, PA 19508

Contact: Dr. Joseph M. Mainello, Supt.
(215) 582-2261 (office)
[REDACTED]

District Buildings in EPZ:

Amity Elementary Center
R. D. #2, Box 84
Douglassville, PA 19518
550 students

* Not a part of Boyertown Area School District. Operated by Berks County I.U.

APPENDIX N-2

SCHOOL DISTRICT PROFILE FORM

District:

Boyertown Area

School Year: 1982 - 1983

Schools:

	<u>Public</u>	<u>Parochial</u>	<u>Non-Profit Private</u>	<u>Total</u>
██████████ Primary	<u>7</u>	<u>3</u>	<u>1</u>	<u>11</u>
M██████████ Secondary	<u>2</u>	<u>-</u>	<u>-</u>	<u>2</u>
██████████ Secondary	<u>1</u>	<u>1</u>	<u>-</u>	<u>2</u>
██████████ Other	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Other	<u>1</u>	<u>-</u>	<u>-</u>	<u>1</u>

Enrollment: Public Only

	<u>Grade</u>	<u>General</u>	<u>Students Sp. Ed.</u>	<u>I. U. Other</u>	<u>Total</u>	<u>Faculty</u>	<u>Other Staff</u>
K	392		--	--	392		
1	310		--	--	310		
2	389		--	--	389		
3	387		--	--	387		
4	393		--	--	393		
5	394		--	--	394		
6	443		24	76	543		
7	486		--	--	486		
8	457		--	--	457		
9	508		20	46	574		
10	463		--	--	463		
11	454		--	--	454		
12	475		48	--	523		
Other							
Total	5639	5639	92	122	5853	310.5	285

SCHOOL DISTRICT PROFILE FORM (CONT'D.)

	<u>Name</u>	<u>Telephone/Pager</u>	<u>Address</u>
Key Staff:			
Superintendent:	Dr. James R. Replogle	[REDACTED]	R. D. #2, Box 240 Gilbertsville, PA 19525
Asst. Superintendent:	Dr. James S. Sleber	[REDACTED]	131 Spruce Street Gilbertsville, PA 19512
Transportation Coordinator/ Supervisor	Richard Seidel	[REDACTED]	R. D. #3, Box 5 The Acorns Boyertown, PA 19512

Buses Available for Routine District Use:

	<u># of Buses/ (Capacity)</u>	<u># of Vans/ (Capacity)</u>	<u># Handicapped Vans/ (Capacity)</u>	<u># Cars/ (Capacity)</u>
1. Owned/operated by District	41(72) 2(48)	8(10)	1(25) 1(15)	2(6)
2. Contracted for by District	12(72)	-	-	-
3. Shared with other users	-	-	-	-
Total	53(72) 2(48)	8(10)	1(25) 1(15)	2(6)

Alternate Administrative Location: (Berks County IU, Reading, PA Tel:
215-779-7111)

SCHOOL DISTRICT PROFILE FORM

District: Daniel Boone Area

School Year: 1983 - 1984

Schools:

	<u>Public</u>	<u>Parochial</u>	<u>Non-Profit Private</u>	<u>Total</u>
[REDACTED] Primary	3	-	-	3
[REDACTED] Middle	-	-	-	-
[REDACTED] Secondary	1	-	-	1
[REDACTED] Vo-Tech	-	-	-	-
[REDACTED] Other	-	-	-	-
[REDACTED] Public Only				

<u>Grade</u>	<u>General</u>		<u>Sp. Ed.</u>	<u>Other</u>	<u>Total</u>		<u>Faculty</u>	<u>Other Staff</u>
	<u>AM</u>	<u>PM</u>			<u>AM</u>	<u>PM</u>		
K	77	70			77	70	3	
1	166	166			166	166	6	
2	129	129			129	129	6	K-6: 41
3	147	147			147	147	6	
4	142	142			142	142	7	
5	178	178			178	178	8	
6	167	167			167	167	8	
7	196	196			196	196		
8	204	204			204	204		
9	202	202			202	202	71	7-12: 34
10	200	200			200	200		
11	169	169			169	169		
12	154	154			154	154		

Other:

15

Other Faculty:

19

Total:

2131 2124

2146 2139

134

75

SCHOOL DISTRICT PROFILE FORM (CONT'D.)

	<u>Name</u>	<u>Telephone/Pager</u>
Key Staff:		
Superintendent:	Dr. Joseph Mainello	(215) 582-2261 (0) [REDACTED]
Relief/Designate (1):	Daniel Casciano	(215) 582-2261 (0) [REDACTED]
Relief/Designate (2):	Ralph Bagnato	(215) 689-9521 (0) [REDACTED]
Transportation Coordinator:	Esther Weaver	(215) 582-2261 (0) [REDACTED]

Buses Available for Routine District Use:

	<u># of Buses/ (Capacity)</u>	<u># of Vans/ (Capacity)</u>	<u># Station Wagons/ (Capacity)</u>	<u># Cars/ (Capacity)</u>
1. Owned/operated by District	N/A	N/A	N/A	N/A
2. Contracted for by District	23/(72)			
3. Shared with other users	N/A			
Total	23/(72)			

SCHOOL BUILDING PROFILE FORM

I. Boyertown Area School District

A. Public Schools:

1. Boyertown Area Senior High School
 Fourth and Monroe Streets
 Boyertown Borough
 Telephone: 367-6031

Total Enrollment:	1,409
Total Faculty & Staff:	<u>147</u>
Total:	1,556

Contact: Dr. Edwin Kuser, Principal
 William Davies, Asst. Principal
 Patrick Kelly, Asst. Principal
 Leonard Gresh, Maintenance

Host School: Keystone Hall, Kutztown University of Pennsylvania

2. Boyertown Area Junior High East
 2020 Big Road
 Gilbertsville, PA 19525
 New Hanover Township
 Telephone: 754-7831

Total Enrollment:	710
Total Faculty & Staff:	<u>102</u>
Total:	812

Contact: Richard Freed, Principal
 Terry Musselman, Asst. Principal
 Frank Walter, Maintenance

Host School: Keystone Hall, Kutztown University of Pennsylvania

3. Boyertown Area Junior High West
 South Madison Street
 Boyertown, PA 19512
 Colebrookdale Township
 Telephone: 367-6032

Total Enrollment:	613
Total Faculty & Staff:	<u>67</u>
Total:	680

Contact: Alan F. Fager, Principal
Leslie A. King, Asst. Principal
Gerald McCord, Maintenance



Host School: Keystone Hall, Kutztown University of Pennsylvania

4. Boyertown Elementary
South Madison Street
Boyertown, PA 19512
Colebrookdale Township
Telephone: 367-6034

Total Enrollment: 753
Total Faculty & Staff: 61
Total: 814

Contact: Lee B. Moyer, Principal
Earl Clauser, Maintenance



Host School: Kutztown Area J.H.S./Elementary School

5. Colebrookdale Elementary
New Berlinville
Colebrookdale Township
Telephone: 367-6031

Total Enrollment: 347
Total Faculty & Staff: 28
Total: 375

Contact: Ruth Webster, Principal
Curtis Fronheiser, Maintenance



Host School: Kutztown Area J.H.S./Elementary School

6. Gilbertsville Elementary
Gilbertsville, PA
Douglass Township
Telephone: 367-6036

Total Enrollment: 353
Total Faculty & Staff: 27
Total: 370

Contact: Thomas Smythe, Principal
Carol Mercer, Nurse



Host School: Kutztown Area J.H.S./Elementary School

7. New Hanover/Upper Frederick Elementary
Route 73 Frederick
New Hanover Township
Telephone: 754-6427

Total Enrollment: 548
Total Faculty & Staff: 45
Total: 593

Contact: Carl Yescavage, Principal
Melvin Groff, Maintenance

Host School: Kutztown Area J.H.S./Elementary School

8. Pine Forge Elementary
Pine Forge Road
Douglass Township
Telephone: 323-7609

Total Enrollment: 254
Total Faculty & Staff: 23
Total: 277

Contact: Donald Hile, Principal
Donald Keim, Maintenance

Host School: Kutztown Area J.H.S./Elementary School

9. Lincoln School Special Ed. Center and Head Start
W. Philadelphia Ave.
Boyertown

Total Enrollment: 64
Total Faculty & Staff: 16
Total: 80

Contact: Linda Cobb 369-7416(U)
Steve Rudick 369-7416(U)

Host School: Keystone Hall, Kutztown University

B. Non-Public Schools

1. Montessori Academy of Pennsylvania
645 South Reading Avenue
Boyertown
Telephone: 367-0286

Total Enrollment: 90
Total Faculty & Staff: 8
Total: 98

Contact: Barbara Broadbent, Administrator
Mary Beth Monaghan, Head Teacher
Greta Rothenberger, Ass't. Teacher
Diana Kaplan, Ass't. Teacher

Host School: Kutztown Area Jr. High School/Kutztown Elementary

2. Wayside Christian School
R. D. 5, Sweinhard Rd.
Boyertown
Telephone: 367-7995

Total Enrollment: 74
Total Faculty & Staff: 7
Total: 81

Contact: Paul Kulp, Administrator
Esther Harner
Vicki Fries

Host School: Administrator's Home, Pikeville

3. Pine Forge Academy
Pine Forge
Douglass Township
Telephone: 326-5800; 326-1485

Total Enrollment: 136
Total Faculty & Staff: 26
Total: 162

Contact: W. A. Cheatham, Administrator
Rothacker Smith
Leroy Owens, Maintenance Supervisor

Host School: Blue Mt. Academy, Hamburg

4. Pine Forge S.D.A. Elementary School
Pine Forge
Douglass Township
Telephone: 323-0340

Total Enrollment: 34
Total Faculty & Staff: 2
Total: 36

Contact: Mrs. Corrine Smith

Host School: Blue Mt. Academy, Hamburg

II. Daniel Boone Area School District

A. Public School:

1. Amity Elementary Center
R.D. #2, Box 84
Douglassville, PA
Amity Township

Telephone: 689-9521

Total Enrollment: 542

Total Faculty & Staff: 46

Total: 588

Contact: Ralph L. Ba [redacted] Principal
John Hartl [redacted]

Host School: Daniel Boone School, Birdsboro

ATTACHMENT 3

RESOURCES REQUIRED FOR EVACUATION

District: Boyertown Area School: B. A. Senior High Census: 1440

I. Buses

A. Primary Movement:

1440 Students = 20 Buses

<u>Bus #</u>	<u>Cap.</u>	<u>Driver Name & Telephone #</u>	<u>Agency & Telephone #</u>	<u>Type Fuel</u>	<u>Radio Equipped</u>
C1	72	Leonard Gehringer [REDACTED]	Quigley 845-7575	G	
[REDACTED]		Robert Gilbert [REDACTED]	Quigley 845-7575	G	
C6	72	Virginia Bernhart [REDACTED]	Quigley 845-7575	G	
C32	72	Earl Schlegel [REDACTED]	Quigley 845-7575	G	
C9	72	Gary Custer [REDACTED]	Quigley 845-7575	G	
C10	72	John Snyder [REDACTED]	Quigley 845-7575	G	
C11	72	Betty Reider [REDACTED]	Quigley 845-7575	G	
C33	72	Sandra Lowery [REDACTED]	Quigley 845-7575	G	
C13	72	Walter H. Haas [REDACTED]	Quigley 845-7575	G	
C14	72	George Grampp [REDACTED]	Quigley 845-7575	G	
C15	72	Julia Moffett [REDACTED]	Quigley 845-7575	G	
C39	72	Dennis Stauffer [REDACTED]	Quigley 845-7575	G	
C19	72	Glenn Allebach [REDACTED]	Quigley 845-7575	G	
C20	72	Robert Weinstein [REDACTED]	Quigley 845-7575	G	
4	72	Thomas Nicholson [REDACTED]	District 367-6031	P	X
7	72	Hazel Mese [REDACTED]	District 367-6031	P	X
8	72	Ruth Wren [REDACTED]	District 367-6031	P	X
14	72	Jeanette Krauter [REDACTED]	District 367-6031	P	X
37	72	Janet Groff [REDACTED]	District 367-6031	P	X
50	72	Mary Weller [REDACTED]	District 367-6031	P	X

1440

G = Gas
P = Propane

RESOURCES REQUIRED FOR EVACUATION (CONT'D.)

II. Specialty Vans Assigned (Capacity)

_____	_____	_____
_____	_____	_____

III. Staff/Other Vehicles Assigned

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

IV. Special Needs:

[REDACTED]	_____
[REDACTED]	_____
[REDACTED]	_____
[REDACTED]	_____
[REDACTED]	_____
[REDACTED]	_____
[REDACTED]	_____
[REDACTED]	_____
[REDACTED]	_____

V. Staff Assigned:

VI. RACES Units:

APPENDIX N-4

DISTRICT RESOURCES REQUIRED FOR EVACUATION

District: Boyertown Area School: B.A. Junior High East Census: 797

I. Buses

A. Primary Movement:

797 Students = 11 Buses

<u>Bus #</u>	<u>Cap.</u>	<u>Driver Name & Telephone #</u>	<u>Agency & Telephone #</u>	<u>Radio Equipped</u>
18	72	Don Sheidy [REDACTED]	District 367-6031 X	
56	72	Gerry Good [REDACTED]	District 367-6031 X	
25	72	Francis Fox [REDACTED]	Quigley 845-7575	
26	72	Clarence Bauer [REDACTED]	Quigley 845-7575	
27	72	Francis Howell [REDACTED]	Quigley 845-7575	
28	72	Eleanor Ritter [REDACTED]	Quigley 845-7575	
29	72	Gertie Yoder [REDACTED]	Quigley 845-7575	
30	72	Eleanor Miller [REDACTED]	Quigley 845-7575	
31	72	Horace Beitler [REDACTED]	Quigley 845-7575	
32	72	Earl Schlegel [REDACTED]	Quigley 845-7575	
33	<u>72</u>	Sandra Lowery [REDACTED]	Quigley 845-7575	

792

APPENDIX N-4

DISTRICT RESOURCES REQUIRED FOR EVACUATION

District: Boyertown Area School: B.A. Junior High West Census: 673

I. Buses

A. Primary Movement:

673 Students = 10 Buses

<u>Bus #</u>	<u>Cap.</u>	<u>Driver Name & Telephone #</u>	<u>Agency & Telephone #</u>	<u>Radio Equipped</u>
34	72	Donald Gehringer [REDACTED]	Quigley 845-7575	
35	72	James Heffner [REDACTED]	Quigley 845-7575	
38	72	Walter Mest [REDACTED]	Quigley 845-7575	
1	72	Jeff Reigner [REDACTED]	District 367-6031	
22	72	Raymond Hafer [REDACTED]	District 367-6031	
49	72	Beryl Jobes [REDACTED]	District 367-6031	
51	48	Sally Geouque [REDACTED]	District 367-6031 X	
52	48	MaryAnn Meehan [REDACTED]	District 367-6031 X	
5	72	Jim Mull [REDACTED]	District 367-6031 X	
30	<u>72</u>	JoAnn Recke [REDACTED]	District 367-6031 X	

672

APPENDIX N-4

RESOURCES REQUIRED FOR EVACUATION

District: Boyertown Area School: Boyertown Elem. Census: 616

I. Buses

A. Primary Movement:

616 Students = 9 Buses

<u>Bus #</u>	<u>Cap.</u>	<u>Driver Name & Telephone #</u>	<u>Agency & Telephone #</u>	<u>Type Fuel</u>	<u>Radio Equipped</u>
19	70	Robert Marriott [REDACTED]	District 367-6031 P	X	
42	72	Shirley Reigner [REDACTED]	District 367-6031 P	X	
43	66	Dorothy Stoltzufs [REDACTED]	District 367-6031 G	X	
3	66	Tom Reinert [REDACTED]	District 367-6031 P	X	
46	72	Ginny Magners [REDACTED]	District 367-6031 P	X	
44	72	Richard Hoppes [REDACTED]	District 367-6031 G	X	
48	48	Sue Gamler [REDACTED]	District 367-6031 P	X	
C24	72	Judith Witman [REDACTED]	Digley 845-7575 G		
C40	<u>72</u>	Jane Moser [REDACTED]	Digley 845-7575 G		
610					

APPENDIX N-4

DISTRICT RESOURCES REQUIRED FOR EVACUATION

District: Boyertown Area School: Colebrookdale Elem. Census: 355

I. Buses

A. Primary Movement:

355 Students = 5 Buses

<u>Bus #</u>	<u>Cap.</u>	<u>Driver Name & Telephone #</u>	<u>Agency & Telephone #</u>	<u>Radio Equipped</u>
6	72	Laura Lorah [REDACTED]	District 367-6031 X	
11	72	Peggy Welsh [REDACTED]	District 367-6031 X	
13	72	Debbie Houseknecht [REDACTED]	District 367-6031 X	
21	72	Richard Michaels [REDACTED]	Quigley 845-7575	
22	<u>72</u>	Wilson Hoffman [REDACTED]	Quigley 845-7575	
	360			

APPENDIX N-4

DISTRICT RESOURCES REQUIRED FOR EVACUATION

District: Boyertown Area School: Gilbertsville Elem. Census: 376

I. Buses

A. Primary Movement:

376 Students = 5 Buses

<u>Bus #</u>	<u>Cap.</u>	<u>Driver Name & Telephone #</u>	<u>Agency & Telephone #</u>	<u>Radio Equipped</u>
31	72	Jane Santangelo [REDACTED]	District 367-6031 X	
47	72	Ted Schlegel [REDACTED]	District 367-6031 X	
58	72	Ginny Diehl [REDACTED]	District 367-6031 X	
41	72	Linda Mohr [REDACTED]	Quigley 845-7575	
23	<u>72</u>	<u>Barbara Westervelt</u> [REDACTED]	Quigley 845-7575	

360

ATTACHMENT 3

RESOURCES REQUIRED FOR EVACUATION

District: Boyertown Area School: New Hanover/Upper Census: 569
Frederick Elem.

I. Buses

A. Primary Movement:

569 Students = 8 Buses

<u>Bus #</u>	<u>Cap.</u>	<u>Driver Name & Telephone #</u>	<u>Agency & Telephone #</u>	<u>Type Fuel</u>	<u>Radio Equipped</u>
2	72	Carol Slater [REDACTED]	District 367-6031 P	X	
9	72	Hattie Yoder [REDACTED]	District 367-6031 P	X	
12	70	Joyce Greenman [REDACTED]	District 367-6031 P	X	
15	70	Kay Dobry [REDACTED]	District 357-6031 P	X	
32	72	Gloria Marriott [REDACTED]	District 367-6031 G	X	
33	72	Orville Roberts [REDACTED]	District 367-6031 P	X	
19	70	Diana Brown [REDACTED]	District 367-6031 G	X	
57	72	Susan Murtagh [REDACTED]	District 367-6031 P	X	

572

APPENDIX N-4

DISTRICT RESOURCES REQUIRED FOR EVACUATION

District: Boyertown Area School: Pine Forge Elem. Census: 249

I. Buses

A. Primary Movement:

249 Students = 4 Buses

<u>Bus #</u>	<u>Cap.</u>	<u>Driver Name & Telephone #</u>	<u>Agency & Telephone #</u>	<u>Radio Equipped</u>
16	72	Anita Bonney [REDACTED]	District 367-6031	X
20	72	Ruth Pinder [REDACTED]	istrict 367-6031	X
54	72	Joy Harner [REDACTED]	istrict 367-6031	X
55	<u>72</u>	Betty Chieffo [REDACTED]	istrict 367-6031	X
	288			

APPENDIX N-4

DISTRICT RESOURCES REQUIRED FOR EVACUATION

District: Boyertown Area School: Pine Forge Academy Census: 162

I. Buses

A. Primary Movement:

<u>Buses Assigned/ (Capacity)</u>	<u>Driver/Telephone</u>	<u>Agency/Telephone</u>
<u>2 - Pine Forge 5800 Academy (72)</u>	<u>P.F.A. Staff</u>	<u>P.F.A. [REDACTED]</u>
<u>_____</u>	<u>_____</u>	<u>_____</u>
<u>_____</u>	<u>_____</u>	<u>_____</u>
<u>_____</u>	<u>_____</u>	<u>_____</u>

APPENDIX N-4

DISTRICT RESOURCES REQUIRED FOR EVACUATION

District: Boyertown Area School: P. F. SDA Elem. Census: 36

I. Buses

A. Primary Movement:

<u>Buses Assigned/ (Capacity)</u>	<u>Driver/Telephone</u>	<u>Agency/Telephone</u>
<u>1 - Pine Forge 5800</u>	<u>P.F.A. Staff</u>	<u>P.F.A. [REDACTED]</u>
<u>Academy (72)</u>	<u>_____</u>	<u>_____</u>
<u>_____</u>	<u>_____</u>	<u>_____</u>
<u>_____</u>	<u>_____</u>	<u>_____</u>

APPENDIX N-4

DISTRICT RESOURCES REQUIRED FOR EVACUATION

District: Boyertown Area School: Lincoln School (IU) Census: 80

I. Buses

A. Primary Movement:

<u>Buses Assigned/ (Capacity)</u>	<u>Driver/Telephone</u>	<u>Agency/Telephone</u>
<u>1 - Berks Co.</u> <u>7111</u>	<u>Assigned at Time</u>	<u>215/779-</u>
<u>I.U.</u>	<u>_____</u>	<u>_____</u>
<u>_____</u>	<u>_____</u>	<u>_____</u>
<u>_____</u>	<u>_____</u>	<u>_____</u>

B. Secondary Movement:

<u>_____</u>	<u>_____</u>	<u>_____</u>
<u>_____</u>	<u>_____</u>	<u>_____</u>

II. Specialty Vans Assigned (Capacity)

<u>2 - Berks Co.</u>	<u>Assigned at Time</u>	<u>215/779-7111</u>
<u>I.U.</u>	<u>_____</u>	<u>_____</u>

DISTRICT RESOURCES REQUIRED FOR EVACUATION (CONT'D.)

DISTRICT SUMMARY

VEHICLE SUMMARY

<u>FACILITY</u>	<u># BUSES</u>	<u># VANS</u>	<u># OTHER VEHICLES</u>	<u>SOURCES</u>
Senior High 22	--	--		B.A.S.D. Quigley
Junior High East	11	--	--	B.A.S.D. Quigley
[REDACTED] Junior High West	10	--	--	B.A.S.D. Quigley
[REDACTED] Elementary	9	--	--	B.A.S.D. Quigley
Colebrookdale Elementary	5	--	--	B.A.S.D. Quigley
Gilbertsville Elementary	5	--	--	B.A.S.D. Quigley
New Hanover/Upper Frederick Elementary	8	--	--	B.A.S.D. Quigley
Pine Forge Elementary	4	--	--	B.A.S.D. Quigley
Earl Elementary	5	--	--	B.A.S.D. Quigley
Washington Elementary	3	--	--	B.A.S.D. Quigley
Montessori Academy of PA	1	--	--	B.C.I.U.
Wayside Chapel	1	--	--	B.C.I.U.
Pine Forge Academy	2	--	--	P.F.A.
Pine Forge S.D.A. Ele.	1	--	--	P.F.A.
Lincoln School	--	--	2	B.C.I.U.

APPENDIX N-4

DISTRICT RESOURCES REQUIRED FOR EVACUATION

District: Daniel Boone Area School: Amity Elementary Census: _____

I. Buses

A. Primary Movement:

<u>Buses Assigned/ (Capacity)</u>	<u>Driver/Telephone</u>	<u>Agency/Telephone</u>
<u>9/(72)</u>	<u>Jay Rhoads</u>	<u>[REDACTED]</u>
_____	_____	<u>[REDACTED] H)</u>
_____	<u>Wm. Klein</u>	<u>[REDACTED]</u>
_____	_____	<u>[REDACTED]);</u>
_____	_____	_____
_____	_____	_____

RESOURCES REQUIRED FOR EVACUATION (CONT'D.)

DISTRICT SUMMARY

<u>FACILITY</u>	<u>VEHICLE SUMMARY</u>			<u>SOURCE</u>
	<u># BUSES</u>	<u># VANS</u>	<u># OTHER VEHICLES</u>	
Amity Elementary Center	9	--	--	J. Rhoads W. Klein

APPENDIX N-5

SCHOOL EVACUATION EBS ANNOUNCEMENT

The following message has been released by the Berks County Emergency Management Agency. It supplements instructions given to the public relative to the general evacuation announcement for an approximate ten-mile radius around the Limerick Generating Station. Please refer to the Limerick Generating Station Emergency Information Brochure.

"Parents with children attending school within a 10-mile radius of the Limerick Generating Station are advised that their children will be evacuated to safe locations where they may be reunited with their parents or guardians. Students will be bused to safe locations in host schools outside the risk area. Parents are asked to meet their children there. I repeat, children will be bused directly to safe locations in host schools outside the risk area where parents or guardians may pick them up. Parents or guardians are urged to go directly to the host schools. Attempting to pick up your children at the schools they attend might interfere with their safe evacuation."

Parents and guardians of school children who live within an approximate ten-mile radius of the Limerick Generating Station and whose children attend schools beyond that distance are advised that their children will be safe at their own school and will be retained there until they can be picked up by their parents or guardians.

Children attending schools within the risk area of Berks County will be bused to the following locations where they can be picked up:

All students of the Boyertown Area School District attending the following schools will be bused to Kutztown University of Pennsylvania in Kutztown.

Boyertown Area Senior High
Boyertown Area Junior High East
Boyertown Area Junior High West
Lincoln School Special Education Students

All students of the Boyertown Area School District attending the following buildings will be bused to Kutztown Junior High School/ Kutztown Elementary School in Kutztown:

Lincoln School Head Start Students
Boyertown Elementary School
Colebrookdale Elementary School
Gilbertsville Elementary School
New Hanover/Upper Frederick Elementary School
Pine Forge Elementary School
Earl Elementary School
Washington Elementary School

All students of the Amity Elementary Center will be bused to the Daniel Boone Area High School in Birdsboro.

Students from the Montessori Academy of Pennsylvania in Boyertown will be bused to the Kutztown Area Junior High/Kutztown Elementary School.

Students from the Wayside Christian School in Boyertown will be bused to the administrator's home in Pikeville.

Students from the Pine Forge Academy and the Pine Forge SDA Elementary School will be bused to the Blue Mountain Academy in Hamburg.

(Repeat list one time and continue message.)

Parents are urged not to telephone or to go to the school that their children are attending. This will only create confusion. Parents are to meet their children at the assigned host schools. I repeat, parents are urged not to telephone or to go to the school that their children are attending, but to meet their children at assigned host schools.

For more information, please refer to the school information previously provided to you by your child's school.

(Repeat this message one time then end transmission.)

(This message shall be broadcast along with the General Evacuation announcement when instructions are given by the Emergency Management Agency to do so.)

APPENDIX N-6

SCHOOL EVACUATION ROUTES AND HOST SCHOOLS

District: Daniel Boone Area (Amity Elementary Center)
Routes: Rt. 662 S to 422 W to 82S

Host Schools: Daniel Boone Area High School/Middle School, Birdsboro

District: Boyertown Area (All risk buildings)
Routes: Rt. 73 West to Rt. 662 North to Rt. 222 North

Host Schools: Kutztown University of Pennsylvania
Kutztown Area Junior High School
Kutztown Elementary School

School: Montessori Academy of Pennsylvania
Routes: Rt. 73 West to Rt. 662 North to Rt. 222 South

Host School: Kutztown Elementary School

School: Wayside Christian School
Routes: Rt. 100 North to Rt. 73 West

Host School: Kulp Home, Pikeville

School: Pine Forge Academy/Pine Forge S.D.A. Elementary School
Routes: Rt. 73 West to Rt. 61 North

Host School: Blue Mountain Academy, Hamburg

School: Lincoln School
Routes: Rt. 73 West to Rt. 662 North to Rt. 222 North

Host School: Kutztown University of Pennsylvania

APPENDIX N-7

PRIVATE SCHOOLS IN THE EPZ

Name: Lincoln School (Berks County IU)

Address: W. Philadelphia Avenue
Boyertown, PA

Telephone: 367-6634

Contact: Ms. Ann Pope (774-7111)

Total Students: 35 (Berks County IU School)

Transportation Resources:

Available: None

Unmet Needs: 35 Special Education Transportation Van Spaces; 35
Passenger Spaces

Name: Montessori Academy of Pennsylvania

Address: 645 South Reading Avenue
Boyertown, PA 19512

Telephone: (215) [REDACTED]

Contact: Barbara Broadbent

Total Students: 90

Transportation Resources:

Available: 1, 9-passenger vehicle

Unmet Needs: 81 passenger spaces

Name: Pine Forge Academy

Address: Pine Forge, PA 19548

Telephone: (215) 32 [REDACTED]

Contact: W. A. Cheatham

Total Students: 136 (112 residential)

Transportation Resources:

Available: 3, 60-passenger buses

Unmet Needs: None

Name: Seventh Day Adventist Elementary School [REDACTED]

Address: Pine Forge, PA 19548

Telephone: (215) 323-0340

Contact: Mrs. Corrine Smith

Total Students: 34

Transportation Resources: Students will evacuate with Pine Forge Academy in
Pine Forge Academy buses. No additional transportation needed.

Name: Wayside Christian School

Address: R. D. #5, Sweinhard Road
Boyertown, PA 19512

Telephone: (215) 367-7995

Contact: Paul Kulp

Total Students: 70

Transportation Resources:

Available: None

Unmet Needs: 70 passenger spaces

APPENDIX N-8

HOST SCHOOL INFORMATION SUMMARY

Facility: Kutztown University of Pennsylvania
Building: Keystone Hall (Field House)
Address: Route 222
Kutztown
Contact: John Burkhardt, Assistant Business Manager
Telephone: 1-683-4142 (days); [REDACTED]
Capacity: Approximately 3,000

District: Kutztown Area School District
Buildings: Kutztown Elementary; Kutztown Area Junior High
Address: Constitution Boulevard
Kutztown
Contact: Harold Fleisher, Superintendent
Telephone: 1-683-7361 (days); [REDACTED]
Capacity: Approximately 2,500

District: Daniel Boone Area School District
Building: High School
Address: Birdsboro
Contact: Dr. Joseph Mainello, Superintendent*
Telephone: 582-2261 (days); [REDACTED]
Capacity: 550

Facility: Blue Mountain Academy
Address: Hamburg, PA
Contact: Richard J. Emery
Telephone: [REDACTED] (24-hour number)
Capacity: 170

Facility: Wayside Christian School Administrator's Home (Kulp Home)
Address: Pikeville, PA
Contact: Mr. Paul Kulp
Telephone: [REDACTED]
Capacity: 70

*NOTE: This is also a risk district and will be notified as such. No further host school notification necessary.

APPENDIX N-9

RISK PRESCHOOL AND DAY CARE FACILITIES

Saint John's Lutheran Church
45 North Reading Ave.
Boyertown Borough

Saint Columbkil's Church
220 Indian Springs Road
Boyertown Borough

Captain Kidd's Preschool Learning Center
35 W. Philadelphia Ave.
Boyertown Borough

Head Start Program
Lincoln Special Education Center
West Philadelphia Ave.
Boyertown Borough

Saint Paul's Christian Preschool
Amity Township

Hickory Dickory Dock Preschool
Saint Gabriel's Church
Amity Township

ANNEX U

AGRICULTURE

I. PURPOSE

The purpose of this Annex is to outline the procedures for Berks County EPZ farmers and livestock owners to follow in the event of an incident at the Limerick Generating Station.

II. RESPONSIBILITY

- A. The Berks County Emergency Management Agency will maintain a continuing liaison with County Agriculture personnel. A representative of the USDA local Food and Agricultural Council (FAC) will be present in the EUC.
- B. County Agriculture Agents will transmit information to farmers as it is received from the County EMA.
- C. The Pennsylvania Department of Agriculture will assist DER by collecting milk samples and products, livestock feed and other food products for laboratory analysis.
- D. If evacuation becomes necessary, the Berks County Emergency Management Agency, through the local FAC, may certify farmers tending livestock as emergency workers.

III. CONCEPT OF OPERATIONS

- A. The ingestion exposure pathway EPZ is an area in which water and food may become contaminated from a release of radioactive material. It extends in a circular 50 mile radius from the Limerick Generating Station. The Berks County Emergency Management Agency, assisted by the State Government, will take appropriate measures to protect food consumed or generated within the county from contamination.
- B. The Director of the local FAC, or his alternate, is included as part of the staff in the county emergency operations center.
- C. When sheltering or evacuation of the population is recommended, farmers will be advised to place livestock and their feed inside under as much protection as possible.
- D. DER's Bureau of Environmental Control will collect samples from public water supplies.
- E. The Pennsylvania Department of Agriculture will gather samples of milk, crops, forage, farm water and other food products for analysis.

- F. DER's Bureau of Laboratories will conduct the actual technical analysis of the food and water samples and BRP will provide technical interpretation for the Department of Agriculture.
- G. The Berks County Emergency Management Agency will provide assistance where possible if requested by the Department of Agriculture in the collection of samples.
- H. The USDA local FAC and the Director of the USDA local FAC are the primary means for the dissemination of information and advisories from the State to farmers and food processing facilities concerning protective actions.
- I. The Berks County Emergency Management Agency will assist the local FAC in the distribution of information and advisories from the State to the farmers through public information and emergency broadcast system facilities. Farmers should monitor EBS Station WHUM, 1240 AM, for additional information.
- J. Information and guidance from State agencies for farmers will be forwarded through the Berks County Emergency Management Agency to the local FAC.
- K. The county, as necessary, will assist the State in implementing control measures for contaminated food or water.
- L. The Berks County Emergency Management Agency will establish a contact and distribution point for farmers at the Agricultural Extension Office located in the Berks County Agricultural Center, R.D. #1, Leesport.
 - 1. In case of an evacuation, farmers who keep livestock within the plume exposure pathway EPZ may apply for Emergency Worker certification (reference Appendix U-2) and when received, pick up dosimetry and radioprotective drugs from the Berks County EMA. This certification will enable farmers to gain access to the controlled area for the purpose of tending livestock. As emergency workers, farmers are to report to an emergency worker decontamination station each time they exit the controlled area.
 - 2. The Director of the local FAC, as authorizer of the Farmer Emergency Worker Certification Forms, will circulate his signature sample (or that of his authorized representative, when applicable) to all municipal police, State Police, and military personnel manning access control points to the plume exposure pathway EPZ.

IV. FARMERS

- A. Farmers who have livestock to be tended within the plume exposure pathway EPZ are considered to be "emergency workers" and therefore may stay within the plume exposure pathway EPZ or frequently exit and reenter for the purpose of tending livestock. This emergency worker status and the right to be in the EPZ can be suspended by the

Governor if the situation should become serious enough to warrant this action.

- B. Farmers should obtain dosimetry and radioprotective drugs (potassium iodide), along with a Dosimetry KI Report Form, from the Berks County Emergency Management Agency who will facilitate distribution to farmers through the local FAC.
- C. Farmers should report to an emergency worker decontamination station each time they depart the EPZ (reference Appendix E-5).

APPENDICES:

- U-1. Protective Action Guide for Farmers and Food Processors
- U-2. Farmer Emergency Worker Certification Form
- U-3. Food Processors and Farmers within the plume EPZ

APPENDIX U-1

PROTECTIVE ACTION GUIDE FOR FARMERS AND FOOD PROCESSORS

To be developed by Pennsylvania Department of Agriculture

APPENDIX U-2

BERKS COUNTY EMERGENCY MANAGEMENT AGENCY
FARMER EMERGENCY WORKER CERTIFICATION

This is to certify that (name) _____,
(address) _____,
is authorized access to the plume exposure pathway emergency planning zone
(EPZ) surrounding the Limerick Generating Station for the period extending
from (date) _____ (time) _____ am/pm to (date) _____
(time) _____ am/pm.

This individual is to be issued dosimetry and KI and is to have access
to the controlled area (EPZ) for the exclusive purpose of tending to livestock
located at:

(Farm Location) _____

Identification data:

Height: _____ Hair Color: _____
Weight: _____ PA Operator's License No.: _____
Social Security No.: _____

Radiological Equipment Issued:

CD V 730, Serial No.: _____
CD V 742, Serial No.: _____
TLI, Manufacturer: _____
Serial No.: _____

Individual's Signature: X _____
Signature of Director: X _____
Berks County USDA
Food and Agriculture Council

APPENDIX U-3

FOOD PROCESSORS AND FARMERS WITHIN THE PLUME EPZ

I. FOOD PROCESSORS

Allentown Refrigerated Terminals Inc.
Route 73, west of Route 100
Boyertown
367-2174

Frecon Orchards
Powder Mile Rd., 1/4 mile west of Boyertown
Colebrookdale Twp.
367-2933

William Keim Orchard
Poplar Rd., off Route 562, 1 mile west of Boyertown
Douglas Twp.
367-2206

II. FARMERS

The Berks County office of the Agricultural Stabilization and Conservation Service maintains a current listing of all farmers within Berks County. This information is available to the Berks County EMA at the time of an incident.

ANNEX P

REENTRY

I. PURPOSE

To outline procedures and responsibilities which will be necessary for the orderly return of the evacuated population of Berks County.

II. RESPONSIBILITY

The Governor, upon the recommendation of PEMA, as advised by the Bureau of Radiation Protection, will announce when conditions around the Limerick Generating Station have been normalized and citizens may return to their homes without fear of threat to their health. The order to initiate reentry will come from the Berks County Commissioners and will be coordinated in the same manner as the evacuation process.

III. REQUIREMENTS

- A. The Berks County EMA Director will provide guidance and assistance to municipalities and other support agencies in the orderly return of people to their homes in Berks County.
- B. The municipalities, under direction of the Berks County EMA Director will provide police, fire and transportation assistance to the residents of their municipalities.
- C. The Pennsylvania State Police, Pennsylvania National Guard and other support agencies will provide traffic control and security during the reentry process.
- D. Municipalities and support agencies will report incidents, accidents, damages or other problems which could result in liability to municipal, county or State government.

IV. RESPONSIBILITIES

- A. Berks County Staff:
 1. Berks County Director of Communications
 - a. Disseminate reentry order.
 - b. Maintain all other communications support necessary for reentry.
 - c. Ensure the restoration of any disrupted communications facilities as reentry is accomplished.
 - d. Consolidate and secure communications logs.

2. Fire Services Officer
 - a. Direct affected fire and rescue services to return to their stations and secure from mobilization.
 - b. Continue normal fire and rescue and fire police operations.
 - c. Inventory, inspect and coordinate the return of borrowed equipment to original owner.
3. Police Services Officer
 - a. Coordinate traffic movement during reentry. Activate traffic control points in cooperation with the Pennsylvania State Police.
 - b. Continue security operations until municipalities inside evacuated area have reestablished security.
 - c. Release municipal police forces to provide security to home municipalities as reentry is accomplished. Coordinate necessary security needs between municipalities.
 - d. Return equipment to original jurisdiction.
 - e. Consolidate and secure records and reports.
4. Mass Care Officer
 - a. Have reentry plans announced to evacuees in Mass Care Centers.
 - b. Coordinate transportation needs with transportation coordinator.
 - c. Assist with public information.
 - d. Coordinate the shutdown of supply distribution systems.
 - e. Inspect, collect and inventory remaining food and other supplies and equipment. Return borrowed equipment.
 - f. Organize records, including records of condition of area property, public and private.
 - g. Complete cleanup operations. Urge evacuees to assist as they prepare to leave.
 - h. Coordinate the repair of any damages.
 - i. Complete the closing of all facilities.
 - j. Establish emergency feeding and clothing centers as needed.

- k. Coordinate any needs for emergency housing.
 - l. Continue human locator operations.
 - m. Develop reports of damage to mass care facilities and extraordinary expenses incurred in their operation.
 - n. Consolidate and secure all records and reports.
5. Medical Coordinator
- a. Coordinate the response to the health needs of the evacuated area to include blood and drug supplies.
 - b. Coordinate emergency medical support during return.
 - c. Coordinate the use of ambulances for invalid return.
 - d. Coordinate the disposal of any contaminated food or medical supplies with PEMA and BRP.
 - e. Inventory supplies on hand.
 - f. Consolidate and secure all records and reports.
6. Transportation Officer
- a. Coordinate with police and EUC staff to determine any changes in previously used evacuation routes.
 - b. Ensure the provision of assistance to disabled vehicles.
 - c. Identify reentry transportation to those without vehicles or other means of return.
 - d. Identify fuel supplies for reentry and provide them as needed.
 - e. Provide final inventory of remaining fuel supplies when reentry is complete.
 - f. Coordinate cleanup and restoration of transportation facilities and equipment.
 - g. Report damage to transportation facilities and equipment and any extraordinary expenses incurred in operations.
 - h. Consolidate and secure all records and reports.
7. Public Information Officer
- a. Disseminate necessary information on phasing and other news regarding reentry.

8. RADEF Officer

- a. Receive and log all information on exposure assessments. Assist in damage assessment.
- b. Provide monitoring assistance as requested.
- c. Support decontamination procedures as needed.

9. Agriculture Coordinator (Director of the USDA County Board)

- a. Continue to provide assistance as requested by Federal and State Agriculture agencies.
- b. Assist Berks County USDA Emergency Board in the distribution of information to farmers.

10. Public Works Officer

- a. Coordinate emergency fuel supplies for reentry with the Transportation Officer.
- b. Coordinate with the Mass Care Coordinator regarding the shutdown of emergency food and other distribution systems.
- c. Notify food and other distribution services to resume normal operations.
- d. Report status of supplies and equipment on hand.
- e. Report any damages to Central Resource Receiving Point and any extraordinary costs incurred from operations.
- f. Coordinate reentry with utilities serving the evacuated area, with particular attention to water potability and gas safety problems.
- g. Provide assistance to business and industry with security and start-up problems.

B. Municipalities

1. Return to established seat of government and reopen EOC.
2. Reestablish security and safety services.
3. Report readiness to receive residents.
4. Report damage caused by evacuation and reentry and extraordinary costs of operations.

C. School Districts

1. Prepare to resume school operations.

2. Report damages to school property and extraordinary costs of evacuation and reentry operations.

V. CONCEPT OF OPERATIONS

- A. PEMA will advise Berks County that the recommendation for people to return to their homes is forthcoming. Upon receipt of that information, the Berks County Commissioners will issue this advice to the residents of Berks County, (reference EBS Announcement in Annex D).
- B. Time phasing for the orderly return of people will be developed by the Berks County EMA Director and his staff.
- C. The Berks County EMA will coordinate the movement of evacuees from mass care centers to evacuated areas, including security and traffic control.
- D. Municipalities and support agencies will provide the same services provided during the evacuation.
- E. Liaison and communications will be maintained with municipalities, PEMA, and Federal agencies.
- F. A damage assessment report will be compiled and submitted to appropriate State officials. Inventories of remaining, needed or damaged resources will be maintained and submitted to the State following reentry.
- G. All records and reports of the evacuation and reentry will be secured and maintained in the Berks County Emergency Operations Center.
- H. The Berks County EMA will maintain liaison with other county agencies, monitoring the restoration of governmental and human care services and coordinating the provision of essential services, responding to municipal unmet needs.

ANNEX Q
RESOURCE REQUIREMENTS

I. PURPOSE

To provide procedures for determining the amount and type of additional resources required to implement the Berks County Radiological Emergency Response Plan.

II. RESPONSIBILITIES

- A. The Berks County Emergency Management Agency Director is responsible for determining personnel and equipment requirements which cannot be provided from existing County resources during an incident, and reporting same to PEMA.
- B. Municipal emergency management coordinators will determine the additional resources necessary to execute municipal Radiological Emergency Response Plans. All requirements will be reported to the Berks County Emergency Management Coordinator.
- C. The Central Resource Receiving Point Manager will staff the facility, located at the Berks County Agriculture Center, to receive and distribute required resources, keeping accurate records of receipt and distribution.
- D. Resource requirements of the state government are the responsibility of state government; resource requirements of the federal government response team are addressed in the Commonwealth's Disaster Operations Plan, Annex E. PEMA is responsible for making the necessary arrangements to support the federal response personnel. Berks County will cooperate with state and federal agencies in planning for and making all necessary support arrangements.

III. CONCEPT OF OPERATIONS

A. Governing Principles

- 1. Where possible, unmet municipal requirements will be fulfilled at the County level.
- 2. Berks County will meet all requirements possible; unmet needs will be reported to PEMA.
- 3. Municipal coordinators should maintain updated lists of personnel and equipment and report unmet needs to the county on an annual basis.
- 4. Mass care center officers shall report all requirements to the Berks County Mass Care Coordinator.
- 5. During an incident, the Central Resource Receiving Point Manager will report directly to the Berks County Public Works Officer.

B. Response Actions

1. Unusual Event

- a. No action is required.

2. Alert

- a. The Central Resource Receiving Point Manager reports to the facility if requested.
- b. Update records of current inventory on hand.
- c. Notify members of the facility staff.

3. Site Emergency

- a. Complete procedures for Alert.
- b. The Central Resource Receiving Point Manager reports to the facility.
- c. The manager mobilizes members of his staff as appropriate.

4. General Emergency

- a. Receive and distribute resources as directed, keeping accurate records.

5. Upon termination of the incident, the manager will inventory remaining resources, secure the facility, and forward all records to the Public Works Officer.

APPENDICES:

- Q-1. Summary of Berks County Unmet Needs
- Q-2. Consolidated Resource List

APPENDIX Q-1

SUMMARY OF BERKS COUNTY UNMET NEEDS

	TOTAL REQUIRED	AVAILABLE WITHIN COUNTY	UNMET NEED
I. <u>VEHICLES</u>			
A. BUSES	97	97	-0-
B. AMBULANCES	14	14	-0-
II. <u>PERSONNEL</u>			
A. TRAFFIC CONTROL	49	49	-0-
B. ACCESS CONTROL	18	18	-0-
C. RACES	30	30	-0-

APPENDIX Q-2

CONSOLIDATED RESOURCE LIST

	TOTAL REQUIRED	LOCALLY AVAILABLE	SUPPLIED THROUGH COUNTY	UNMET NEED
A. <u>VEHICLES</u>				
1. Buses	97 ^A	84	13	0
2. Ambulance	14	1	13	0
3. Vehicles with Loudspeakers	23	23	0	0
4. Other	0	0	0	0
B. <u>PERSONNEL</u>				
1. Route Alerting	46	46	0	0
2. Transportation	8	8 ^B	0	0
3. TCP/ACP	26 ^C	26	0	0
4. Special Assistance	27	27	0	0
5. Ambulance	14 ^D	14	0	0
6. Communications	30 ^E	0	30	0
C. <u>EQUIPMENT</u>				
1. Communications (by type)	Phones: 18 RACES: 16	Phones: 18 RACES: 0	Phones: 0 RACES: 16	0
2. Traffic Control	Barri- cades: 4	Barri- cades: 4	Barri- cades: 0	0
3. Life Support	0	0	0	0
4. Other ^F	0	0	0	0

^A Includes buses needed for both municipal and school support.

^B One emergency worker/volunteer per municipal bus.

^C Total does not include PSP TCP's.

^D One emergency worker/volunteer per ambulance.

^E Two RACES operators per municipality, two per reception center, one per school district administration office, two per transportation staging area, two per emergency worker decontamination station

^F Miscellaneous equipment such as wall maps, status boards, etc., has been provided.

ANNEX R

TRAINING

I. PURPOSE

Berks County will encourage the participation of appropriate county and municipal personnel in those activities sponsored by the State and Federal Governments and the Limerick Generating Station designed to train persons who will be called upon to assist in radiological emergency response operations.

II. TRAINING

Berks County and its risk municipalities will participate in State, Federal and utility-sponsored training programs as follows:

A. Radiological Emergency Response Planning (RERP) Training

1. The Emergency Management Institute of the Federal Emergency Management Agency (FEMA) offers a one-week course several times per year aimed at training persons responsible for planning for county response to an offsite release at a fixed nuclear facility. The emphasis of this course is the development of State and county RERP to meet Federal guidelines.
2. Berks County will encourage participation in this training.

B. Radiological Preparedness Seminar

PEMA offers a four to six hour course aimed at training individuals who will respond to nuclear power plant incidents. This course is provided for emergency management personnel and volunteers from risk counties, support counties and affected municipalities. The purpose of the course is to prepare emergency management personnel to respond in a coordinated and timely manner to radiological incidents. The course reviews actions to be taken in accordance with State, county, and municipal radiological emergency response plans. It is available at any time upon request, but is particularly beneficial as an exercise preparation measure. The county will request and participate in this course offering as deemed necessary by the county coordinator.

C. Elected and Appointed County and Municipal Officials Training

1. PEMA offers a three-hour course directed to county and municipal elected and appointed officials who are responsible for protecting the public in the event of an emergency.
2. This course includes the basics of nuclear reactor design and operation; potential incident scenarios and offsite consequences; protective actions and authority to exceed protective action guides; and the RERP, including basic

provisions, implementation, incident assessment, emergency operations under the plan and Federal, State, county and municipal relationships in an emergency.

3. This course will be presented in each Limerick Generating Station risk county yearly. When it is presented in Berks County, the Emergency Management Coordinator will assist with location and attendance arrangements.
4. Berks County and its risk municipalities will require training for 8 officials in 1984. The target audience in subsequent years will be newly elected and appointed officials of the county and its risk municipalities.

D. Communications Personnel Training

1. Communications training for county, municipal and volunteer organization personnel responsible for the transmission and reception of emergency information and instructions will be accomplished as part of regularly scheduled exercises and communications drills in which Berks County is a participant.
2. The schedule for the above mentioned drills and exercises can be found in Annex S of this Plan.

E. Radiological Training for Emergency Medical Technicians

1. The Pennsylvania Department of Health, Division of Emergency Health Services offers a course to provide emergency medical technicians (EMT's) with basic instructions concerning radiation and its characteristics, initial treatment, triage and transfer of patients.
2. Berks County will encourage personnel from appropriate local response organizations to participate in this training.

F. Radioprotective Drugs Training

1. The Pennsylvania Department of Health has the responsibility for providing instructional information and written educational material to the county and municipal personnel involved in the distribution and use of radioprotective drugs.
2. Berks County will encourage personnel from county and municipal emergency management agencies, fire, police, ambulance and volunteer response organizations to receive training in radioprotective drug distribution and use.

III. COUNTY SPONSORED RESPONSE ORGANIZATION TRAINING

- A. Berks County will verify that radiological emergency response training will be included as part of county sponsored fire, police and ambulance/rescue training and will be made available to municipal emergency management officials and health care, school and

special facilities staff. The training will include information on radiation , nuclear generation, RERP procedures, and dosimeters and radioprotective drugs. Additional training in monitoring and decontamination procedures will be coordinated for appropriate emergency workers.

- B. Radiological emergency response training will be offered to emergency response personnel in the seven (7) risk municipalities located within Berks County. This training will also be offered to those departments and organizations which have mutual aid agreements with risk municipality departments and organizations, as deemed appropriate.
- C. Berks County will coordinate this training with the support and assistance of PECO and PEMA.
- D. Berks County recognizes that training for radiological emergency response is an ongoing activity. Refresher training is anticipated for county and municipal personnel who have received initial training.
- E. Berks County, in conjunction with PEMA, PECO and its consultant, to date has sponsored the following training programs for emergency workers and other affected individuals:

<u>Program</u>	<u>Number Trained</u>
1. School Administrators	15
2. School faculty and staff	495
3. Bus drivers	48
4. Agricultural workers	25
5. Decontamination monitors	10
6. Reception Center Staff	14
7. Dispatchers	14
8. EOC Operations - Phase I	55
9. EOC Operations - Phase II	56
10. Emergency Worker - Phase I	151
11. Emergency Worker - Phase II	111

Note: Training needs are determined on an ongoing basis as part of recruitment/orientation of emergency workers. Refresher training requirements are to be determined at the conclusion of the initial training cycle.

- F. The EMA Director is responsible for coordination with PEMA and PECO, course scheduling, instructor certification and record keeping.

ANNEX S

EXERCISES AND DRILLS

I. EXERCISES

- A. An exercise is an activity which tests the integrated capability of major portions of the basic elements existing within the fixed nuclear facility, State, county and municipal Radiological Emergency Response Plans (RERPs).
- B. Berks County will be responsible for participation in full-scale and small-scale exercises as follows:
 1. Full-scale exercises
 - a. A full-scale exercise is one which tests as much of the fixed nuclear facility, State, county and municipal RERPs as is reasonably achievable.
 - b. PEMA schedules and conducts one full-scale exercise each year.
 - (1) Selection of the fixed nuclear facility for participation in the State full-scale exercise is made on a rotating basis by PEMA from among the five facilities operating or seeking a license within Pennsylvania.
 - (2) The State sponsored exercise for the Limerick Generating Station will be held once every five years. Berks County will participate in this exercise.
 - (3) Berks County will ensure that municipalities which are part of the county and within the plume exposure pathway EPZ for Limerick participate in the State sponsored full-scale exercises. The exercises will include a thorough testing of the alerting system from the mechanical and administrative point of view, including municipal backup of the public alert system.
 2. Full-participation exercises
 - a. A full-participation exercise is one which involves the risk counties, municipalities, school districts, and special facilities, along with the utility.
 - b. One full-participation exercise will be held every two years for each operating fixed nuclear facility in Pennsylvania when a full-scale exercise is not held.
 - c. Berks County is responsible for participation in the semi-annual full-participation exercise conducted for the Limerick Generating Station.

- d. The Limerick Generating Station, in coordination with PEMA, is responsible for scheduling and conducting the required full-participation exercises.

II. DRILLS

- A. A drill is a supervised instruction period aimed at testing, developing and maintaining skills in a particular operation. A drill may be a component of an exercise.
- B. In addition to scheduled participation in exercises for the Limerick Generating Station, Berks County will conduct or take part in required drills.
- C. Berks County will ensure the participation of risk municipalities within its jurisdiction in required drills for the Limerick Generating Station.
- D. Berks County will be responsible for participation in the following drills:
 1. Communications Drills
 - a. Communications drills test both the adequacy of communications links and response agency understanding of emergency action levels and message content. A communications drill tests the sufficiency of the notification process down to emergency response personnel. This test involves a combination of radio contact (including RACES) and commercial telephone recall systems, and shall be routinely included as part of all scheduled exercises.
 - (1) A communications drill between the facility, State and Berks County will be held monthly.
 - (2) Berks County will ensure the testing of communications links with municipalities and other response organizations within its jurisdiction as part of monthly communications drills.
 - b. PEMA will be responsible for scheduling communications drills.
 2. Medical Emergency Drills
 - a. Medical emergency drills involve the testing of the emergency medical services system's abilities to care for a simulated contaminated offsite individual.
 - b. Berks County will hold a medical emergency drill semi-annually as a portion of its participation in the full-participation exercise for the Limerick Generating Station.

3. Radiological Monitoring Drills

- a. Radiological monitoring drills involve the testing of designated and trained monitoring/decontamination team members to effectively monitor and simulate decontamination procedures for a simulated offsite contaminated individual.
 - b. Berks County will hold a radiological monitoring drill as a part of its participation in the semi-annual full-participation exercise for the Limerick Generating Station.
- E. Berks County will make arrangements for appropriate supervision and evaluation for all drills in which it is a participant.

III. SCENARIOS

- A. Berks County will rely on PEMA for the development of the full-scale exercise scenario.
- B. For full-participation exercises in which Berks County participates, the Pennsylvania Emergency Management Agency is responsible for the development of exercise scenarios in coordination with the Limerick Generating Station.

IV. EVALUATION AND CRITIQUE

- A. A critique will be conducted by Federal and/or State representatives at the conclusion of each exercise to evaluate the ability of organizations at all levels to respond as specified in their respective radiological emergency response plans.
 1. Berks County will participate as appropriate with Federal and State representatives in critique and evaluation activities.
 2. Berks County will encourage the participation of risk municipalities within its jurisdiction in critique and evaluation as necessary and appropriate.
- B. Based on the results of the critique and subsequent evaluation, Berks County will update its Radiological Emergency Response Plan for the Limerick Generating Station and institute corrective actions where needed.
- C. Berks County will be responsible for assisting risk municipalities within its jurisdiction with updating their Radiological Emergency Response Plans for the Limerick Generating Station and instituting corrective actions where needed.

ANNEX T

AGREEMENTS AND STATEMENTS OF UNDERSTANDING

- i. The Berks County Emergency Management Agency has entered into or is developing Agreements, Letters of Intent or Statements of Understanding with the following:
 - A. American Red Cross
 - B. RACES
 - C. REACT
 - D. EBS Stations
 - E. Transportation Resources
 - F. Relocation Points for Emergency Services Located Within the Plume Exposure Pathway EPZ
 - G. Mass Care Centers
 - H. Decontamination Stations for Emergency Workers
 - I. Reception Centers
 - J. Host Schools

Agreement/Understanding with Berks County Emergency Management Agency
AND
Berks County Chapter, American Red Cross

I. PURPOSE:

To provide for the coordination of the functions of the County EMA (as the representative of the government entities within Berks County, PA) and the Berks County Chapter of the American Red Cross with regard to disaster preparedness, planning, and operations in time of disaster.

II. AUTHORITY:

The Emergency Management Agency (EMA) has been designated pursuant to Section 7317 (7) of Act 323, November 1978, the Emergency Management Services Act, as the coordinating agency for disaster operations. In coordinating these operations, the EMA will cooperate with agencies established by laws of the United States and the Commonwealth of Pennsylvania. The American Red Cross (ARC) through its Berks County Chapter, under United States Public Law 4, 58th Congress (reaffirmed by PL 93-288, 93rd Congress, Disaster Relief Act of 1974) is charged for "carrying on a system of disaster relief and applying the same in mitigating the suffering caused by pestilence, famine, fire, floods, and other great calamities."

III. SCOPE OF ACTIVITY EMERGENCY MANAGEMENT AGENCY

A. Emergency Management Agency will devote its primary efforts to the dissemination of warnings, human rescue, emergency medical care, evacuation, maintenance of law and order, fire fighting and other property protection measures. Where emergency welfare needs are not being met, EMA will, as necessary and practical, provide initial emergency care and other vital assistance immediately required by people in need.

B. Emergency Management Agency will devote its primary efforts to the coordination of federal, state, and local efforts aimed at the maintenance of public health, and the restoration of essential public facilities and services, the latter including the repair or rebuilding of public water supply systems, hospitals, bridges, highways and schools.

C. Emergency Management Agency will act as a coordinating agency.

IV. SCOPE OF ACTIVITY AMERICAN RED CROSS

The ARC Disaster Service, as defined by the organization's operational procedures mitigates suffering by meeting the urgent needs of victims and emergency workers immediately after a disaster has struck or in advance of a potential disaster. ARC help includes food, clothing, shelter, first aid, and other basic elements for comfort and survival. Such help may be provided to large numbers of people in ARC-operated shelters, at either fixed or mobile ARC feeding stations, or at ARC emergency first aid stations, or it may be provided as individualized assistance to families who are able to return to or stay in their own homes, or who may be able to live temporarily elsewhere. Such help to individual families may include not only the types of assistance listed above but also other urgently-needed items which will help them to resume normal living patterns as quickly as possible. Families in ARC shelters are assisted in moving back to their homes, or to alternate homes if their own are untenable, as quickly as possible.

Arrangements are made for those victims who need additional medical care to receive that care at the nearest available medical facility. When necessary, the ARC augments local medical personnel and equipment and provides needed blood and blood products.

The ARC handles welfare inquiries from concerned families outside the disaster area.

The ARC also helps disaster victims needing long-term recovery assistance by advising and counseling them on the availability of resources so that they can resume living in keeping with acceptable standards of health, safety, and human dignity. Such resources include those of the family as well as those of federal, state, and local agencies, public and private, with disaster loan or grant programs or with sustaining programs that would benefit the victims.

In addition, if there are no other resources available the ARC may provide direct additional assistance to enable the victims to re-establish themselves.

The ARC disaster responsibilities, as defined above, are nationwide. Therefore, when the divisions and chapters in the affected areas are unable to meet the needs of disaster victims, the resources of the total organization are made available.

All disaster assistance from the ARC is based on verified disaster-caused need and is an outright grant.

The ARC will conduct an appeal for voluntary contributions of funds at the time of disaster.

In accordance with PL 93-288, the Disaster Relief Act of 1974, the ARC will cooperate with all federal, state, and local agencies who have any responsibility for rendering disaster relief assistance to disaster victims. The ARC is willing to accept commissions from governments and coordinate its relief effort with designated agencies. This may include acting as an agent for governmental units under mutually agreed-upon conditions.

A. GENERAL

1. The ARC will respond to any disaster, regardless of the number of families involved.
2. The ARC will offer its services to the families involved. The families will be the judge of whether ARC services are needed.
3. ARC/EMA are interdependent as a result of this agreement, but each agency functions according to its own operational guidelines.
4. For any operation large enough for establishment of an Emergency Operations Center, the ARC will provide an experienced representative to represent the ARC at the EOC.
5. During mass evacuation of the populace, the ARC will assign a minimum of one staff member to the evacuation team to insure that evacuees are being routed to appropriate shelters. ARC volunteers may be provided upon request of the authorities to assist in the evacuation staging process.

B. SPECIFIC RESPONSIBILITIES

1. The ARC disaster representative will represent the Chapter in all mass care planning of the EMA.
2. The EMA Executive Director will represent the department as a full member of the Chapter disaster committee.

3. All disaster planning will take into account the cooperative and mutually-supporting nature of the two organizations.
4. Training. The ARC is responsible for recruiting and training volunteers to fulfill ARC functions throughout its jurisdiction. The EMA is responsible for recruiting and training volunteers to fulfill EMA functions throughout the county. Both organizations will keep each other informed regarding available training opportunities. In cases where both organizations offer identical training, efforts will be made to avoid duplication by granting reciprocity in a separate agreement.
5. Alerting and notification: The ARC requires early notification in order to be able to respond adequately to disaster of all kinds. The chapter will supply the EMA with a list of key personnel and their phone numbers to be used as a backup alerting system. The EMA will notify the Chapter's disaster chairman of the occurrence of any disaster according to guidelines established in a separate agreement. Notification of the ARC will be written into all EMA plans and guidelines at the warning stage so that the chapter will have time to respond adequately.

V. DISASTERS RESULTING FROM ENEMY ACTION

- A. The responsibility for all public and community needs rests with government and government agencies.
- B. Government will assume financial responsibility and will operate in accordance with existing EMA policy and procedures.
- C. The ARC will use its facilities and personnel to support and assist welfare and emergency operations activities of the EMA to the extent possible while carrying out its other essential responsibilities and assignments. ARC can only support and assist the county, within the limits of ARC resources and other priority obligations. The ARC will, to the extent feasible, recruit and train volunteers to provide nursing assistance, first aid, and assistance with mass care and social services. Disposition and use of all possible ARC resources, human and material, at state and local levels, will be subject to prior agreements made between the appropriate government and ARC agencies at their respective levels.

VI. DISASTERS RESULTING FROM CIVIL STRIFE

Refer to the ARC 3004 dated March 1974. ARC functions only as a participating agency and it is expected that the government will finance the costs.

VII. MAN-MADE DISASTERS INCLUDING NUCLEAR INCIDENTS

ARC 3003 - Administrative Regulations (Revised February 1979) paragraph K pertains. In disasters with company or owner liability implications, the customary emergency services are extended on either a mass care basis or to individuals and families, if such help is not or cannot be provided immediately by the owner of the property involved, after such unpredictable catastrophes as collapse of private dams, fires and explosions in industrial and commercial plants, mine accidents, commercial transportation wrecks, and fires in hotels, theaters, and nightclubs and on pleasure boats.

- A. Individual assistance, including temporary maintenance, transportation, clothing, and payment of special-duty nurses, shall be provided only after determining with responsible representatives of the company or owner whether they are prepared

to meet the continuing needs of persons affected by the disaster. Competent legal guidance, which is often available from volunteers, should be sought so that the form in which Red Cross assistance is given does not jeopardize claims for damage by the disaster victims.

- B. Additional assistance with disaster-caused individual needs is provided by the Red Cross only when it is determined that insurance or other assets of the company or owner are inadequate or cannot be applied for relief of the persons affected because of under-insurance, bankruptcy, or protracted litigation, for example, and that no governmental or other resources are available. The program for such recovery assistance shall be planned in consultation with, and the approval of, the Vice President for Disaster Services.
- C. Reimbursement for the cost of Red Cross assistance from persons who subsequently receive settlements shall not be sought, but voluntary financial donations may be accepted.
- D. Reimbursement from companies involved for the cost of Red Cross emergency assistance shall not be sought, but voluntary financial donations may be accepted.
- E. ARC 3003, revised February 1979 provides Chapters with the authority to aggressively pursue and enact agreements with appropriate agencies.

Robert L. Peltz
Emergency Management Coordinator
Berks County, Pennsylvania

October 19, 1981
(Date)

Jan. E. McVan
Director, Berks County Chapter
American National Red Cross
Berks County, Pennsylvania

October 16, 1981
(Date)

DONALD W. BAGENSTOSE
ANTHONY J. CARABELLO
VERNON K. SHAFFER
Commissioners



ROBERT L. REBER
DIRECTOR

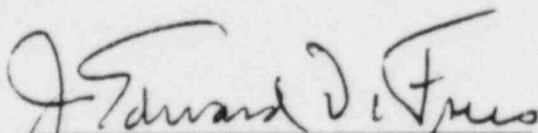
BERKS COUNTY EMERGENCY MANAGEMENT AGENCY
BERN TWP. AGRICULTURAL CENTER, R.D. 1, LEESPORT, PA 19533 (215) 374-4800

APPENDIX T-2

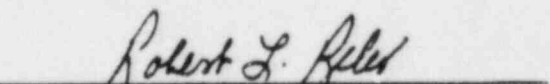
AGREEMENT

BETWEEN THE BERKS COUNTY EMERGENCY MANAGEMENT AGENCY
AND THE
READING RADIO CLUB

The Reading Radio Club hereby agrees to make available emergency Amateur Radio communications services to the maximum extent possible to the Berks County Emergency Management Agency in the event of any natural or man-made emergency involving Berks County.



Signature, President
Reading Radio Club



Robert L. Reber, Director
Berks County Emergency Management
Agency

5/26/83
(Date)

5/3/83
(Date)

DONALD W. BAGENSTOSE
ANTHONY J. CARABELLO
VERNON K. SHAFFER
Commissioners



ROBERT L. REBER
DIRECTOR

BERKS COUNTY EMERGENCY MANAGEMENT AGENCY
BERN TWP. AGRICULTURAL CENTER, R.D. 1, LEESPORT, PA 19633 (215) 374-4800

APPENDIX T-3

AGREEMENT

BETWEEN THE BERKS COUNTY EMERGENCY MANAGEMENT AGENCY
AND
DANIEL BOONE REACT

Daniel Boone REACT hereby agrees to make available emergency Citizens Band radio services to the Berks County Emergency Management Agency to the maximum extent possible in the event of any natural or man-made emergency involving Berks County.

Paul B. Southworth
Signature, President
Daniel Boone REACT

Robert L. Reber
Robert L. Reber, Director
Berks County Emergency Management
Agency

5-11-83
(Date)

5/3/83
(Date)

DONALD W. BAGENSTOSE
ANTHONY J. CARABELLO
VERNON K. SHAFFER
Commissioners



ROBERT L. REBER
DIRECTOR

BERKS COUNTY EMERGENCY MANAGEMENT AGENCY
BERN TWP. AGRICULTURAL CENTER, R.D. 1, LEESPORT, PA 18633 (215) 374-4800

APPENDIX T-4

AGREEMENT

BETWEEN THE BERKS COUNTY EMERGENCY MANAGEMENT AGENCY
AND THE
READING REACT TEAM, INC.

The Reading REACT Team, Inc. hereby agrees to make available emergency Citizens Band radio services, to the extent possible, to the Berks County Emergency Management Agency in the event of any natural or man-made emergencies involving Berks County.

Harold A. Miller Jr.
Signature, Company Commander
Reading REACT Team, Inc.

Robert L. Reber
Robert L. Reber, Director
Berks County Emergency Management
Agency

5-26-83
(Date)

5/3/83
(Date)

The Reading Hospital and Medical Center

Reading, Pennsylvania 19603

JAMES B. GRONSETH
President
215-378-6257



March 15, 1983

Mr. Robert L. Reber, Director
Berks County Emergency
Management Agency
R. D. #1
Leesport, PA 19533

Dear Mr. Reber:

It was a pleasure to meet with you and Mr. Long of Energy Consultants regarding formulation of an evacuation plan in case of emergency after the Limerick plant is operational.

This institution will be happy to work with Pottstown Hospital to provide hospital services if patients need to be transferred from that institution. We understand that Pottstown Hospital will call my office if such transfers become necessary.

Very truly yours,

James B. Gronseth
President

JBG/nmf



**SAINT
JOSEPH
HOSPITAL**

APPENDIX T-6

TWELFTH AND WALNUT STREETS, BOX 316, READING, PENNSYLVANIA 19603 TEL. 215-376-4901

April 13, 1983

Robert L. Reber
Director
Berks County Emergency
Management Agency
Agricultural Center
RD #1
Leesport, Pennsylvania 19533

Dear Mr. Reber:

This letter will confirm that Saint Joseph Hospital will be most happy to participate in the Emergency plan being developed to cover the Limerick Generating Station. Our present Disaster Plan is designed to prepare us for such emergencies already.

In the event that the Emergency Plan and evacuation must be initiated, please notify Sr. Francis Anne, President, Saint Joseph Hospital, or her representative who will initiate our Disaster Plan to prepare our facility to receive evacuees.

May I also remind you that we do have a Dialysis Center, if such services are required.

Thank you for inviting us to participate in this important program.

Sincerely,

Sister Mary Frances

Sr. Mary Frances, O.S.F., R.N., B.S.N.
Chairperson, Disaster Committee

SMF/bao



COMMUNITY GENERAL HOSPITAL
145 North Sixth St., Reading, Pa. 19601 • Phone (215) 376-4881

March 14, 1983

Mr. Robert L. Reber, Director
Emergency Management Agency
Agricultural Center
RD 1
Leesport, Penna. 19533

Dear Mr. Reber:

In accordance with our conversation of last week, I am writing to confirm Community General Hospital's willingness to participate in Pottstown Memorial Hospital's evacuation planning.

We can accept, on an average day, the number of patients expressed in the listing I gave you when you visited. As I stated, those are the figures we gave the DOD concerning our emergency admission capabilities.

Should you need any further information, please feel free to give me a call at anytime.

Sincerely,

Michael P. Boyle
Assistant Administrator

MPB/kd

cc Mr. John F. Long, Jr.



COUNTY OF BERKS

BERKS COUNTY HOME—BERKS HEIM
P.O. BOX 1495, READING, PA. 19603
A County Operated, Skilled Nursing & Intermediate Care Facility

JAMES F. BERNARDO
ADMINISTRATOR
LYNWOOD V. KELLER, M.D.
MEDICAL DIRECTOR
ALFRED W. CRUMP, JR. ESQ.
ASSISTANT COUNTY SOLICITOR

April 4, 1983

Mr. Robert Reber
Emergency Management System
Agriculture Center
R.D. #1
Leesport, PA 19533

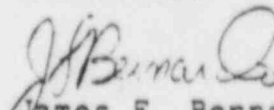
Dear Bob:

It was a pleasure meeting with you and John Long, of Energy Consultants, Inc.

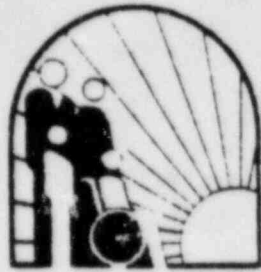
As we discussed at our meeting with you, Berks County Home-Berks Heim is willing to participate as an evacuation support facility, in the event of an emergency situation at the Limerick Station.

I will look forward to meeting with you in the near future, to discuss the specifics of this arrangement.

Sincerely,


James F. Bernardo
Administrator

dp



READING REHABILITATION HOSPITAL

April 7, 1983

Robert L. Reber, Director
Emergency Management Agency
Agricultural Center
R.D. 1
Leesport, PA 19533

Dear Mr. Reber:

Enclosed please find a copy of our External Disaster Plan. We are willing to assist other medical facilities, as outlined in our plan, to care for a disaster.

Sincerely,

A handwritten signature in cursive script that reads "Daniel B. Ruggles".

Daniel B. Ruggles
Controller

DBR:cf

Enclosure

CONCERNING THE USE OF FACILITIES AS MASS CARE SHELTERS

This agreement is made and entered into between the governing board of the Wyomissing Area School District, the Berks County Chapter of the American Red Cross, and the Berks County Emergency Management Agency.

RECITALS

Pursuant to the terms of Federal statutes, the Red Cross provides emergency services on behalf of individuals and family victims of disaster.

The Emergency Management Agency has been designated pursuant to section 7317 (7) of act 323, November 1978 The Emergency Management Services Act, as the coordinating agency for disaster operations.

The following persons are authorized to permit the American Red Cross to use school buildings, other buildings, grounds, and equipment for mass care shelters required in the conduct of American Red Cross Disaster Relief activities and wish to cooperate with the American Red Cross and the Emergency Management Agency for such purposes.

	<u>NAME</u>	<u>POSITION</u>	<u>PHONE NUMBER</u>
a.	Dr. David W. Magill	Superintendent	School: 215-374-4031
b.	Mr. Peter T. Cellucci	High School Principal	School: 215-374-4031
c.			
d.			

Now therefore, it is mutually agreed between the parties as follows:

- Wyomissing Area School District agrees that, after meeting its responsibilities to pupils, it will permit to the extent of its ability, and upon request by the American Red Cross or the Emergency Management Agency the use of its physical facilities by the American Red Cross as mass shelters for the victims of disasters.
- The American Red Cross agrees that it shall exercise reasonable care in the conduct of its activities in such facilities and further agrees to replace or reimburse Wyomissing Area School District for any school food or supplies that may be used by the American Red Cross in the conduct of its relief activities in said mass shelters.

In witness thereof the governing board of the Wyomissing Area School District has caused this agreement to be executed by the President or Governing Officer of the Governing Board, the American Red Cross has caused this agreement to be executed by the Berks County Chapter and the Berks County Emergency Management Agency has caused this agreement to be executed by the Agency's Director said agreement to become effective and operative upon the fixing of the last signature hereto.

Signed Carl E. LeVan
 Carl E. LeVan, Executive Director
 Berks County Chapter
 American Red Cross

Signed David W. Magill
 Wyomissing Area School District

Signed Robert L. Reber
 Robert L. Reber, Director
 Berks County Emergency
 Management Agency

Signed Peter T. Cellucci
 Wyomissing Area School District

CONCERNING THE USE OF FACILITIES AS MASS CARE SHELTERS

This agreement is made and entered into between the governing board of the Wilson School District, the Berks County Chapter of the American Red Cross, and the Berks County Emergency Management Agency.

RECITALS

Pursuant to the terms of Federal statutes, the Red Cross provides emergency services on behalf of individuals and family victims of disaster.

The Emergency Management Agency has been designated pursuant to section 7317 (7) of act 323, November 1978 The Emergency Management Services Act, as the coordinating agency for disaster operations.

The following persons are authorized to permit the American Red Cross to use school buildings, other buildings, grounds, and equipment for mass care shelters required in the conduct of American Red Cross Disaster Relief activities and wish to cooperate with the American Red Cross and the Emergency Management Agency for such purposes.

<u>NAME</u>	<u>POSITION</u>	<u>PHONE NUMBER</u>
a. DR. STANLEY T. DUBELLE, JR		678-8065 x 258
b. LEO T. FREDRICKS, ASST. SUPT		" 202
c. DOUGLAS HOUSTON, A.S. MGR.		" 200
d. DONALD SHANNON, SUPR. BLDG/GRDS.		" 213

Now therefore, it is mutually agreed between the parties as follows:

- Wilson School District agrees that, after meeting its responsibilities to pupils, it will permit to the extent of its ability, and upon request by the American Red Cross or the Emergency Management Agency the use of its physical facilities by the American Red Cross as mass shelters for the victims of disasters.
- The American Red Cross agrees that it shall exercise reasonable care in the conduct of its activities in such facilities and further agrees to replace or reimburse Wilson School District for any school food or supplies that may be used by the American Red Cross in the conduct of its relief activities in said mass shelters.

In witness thereof the governing board of the Wilson School District has caused this agreement to be executed by the President or Governing Officer of the Governing Board, the American Red Cross has caused this agreement to be executed by the Berks County Chapter and the Berks County Emergency Management Agency has caused this agreement to be executed by the Agency's Director said agreement to become effective and operative upon the fixing of the last signature hereto.

Signed Carl E. LeVan
Carl E. LeVan, Executive Director
Berks County Chapter
American Red Cross

Signed Alan T. Rafferty
Wilson School District

Signed Robert L. Reber
Robert L. Reber, Director
Berks County Emergency
Management Agency

Signed Conrad D. Wagner
Wilson School District

SUGGESTED AGREEMENT - MASS CARE CENTER
FORMAT MAY BE THAT OF A LETTER OR THAT OF A MEMORANDUM FOR RECORD

It is agreed by all parties concerned that building Schuylkill Valley High School
(Title)

located at: Rt. 73, Leesport, PA 19533 and owned by Schuylkill Valley Sch. Dist.
(Address) (Name or Company)

will be available to the Berks County Civil Defense Organization,
(County or Local Civil Defence Organization)

for use as a Mass Care Center when needed in time of emergency.

Further, it is understood that upon activation - the Head of the County (or

Local) Civil Defense Mass Care Group _____
(Name)

Dr. John R. O'Connell, Superintendent
shall notify Schuylkill Valley Sch. Dist., Leesport, PA responsible for said building
(Name and Address)

and arrange for it's immediate release to the Mass Care Center Manager and/or his or her,
representative _____, who together with
(Name/s and Address/es)

the staff shall ready the building for occupancy.

Upon closure, the appropriate individual will be notified and the Mass Care
Center Manager shall insure that the building is clean and ready to resume its normal
day to day operation.

Date: January 26, 1979

John R. O'Connell Superintendent
(Signature and Title)

(Signature and Title)

(Signature and Title)

(Signature and Title)

SUGGESTED AGREEMENT - MASS CARE CENTER
FORMAT MAY BE THAT OF A LETTER OR THAT OF A MEMORANDUM FOR RECORD

It is agreed by all parties concerned that building Schuylkill Valley Middle School
(Title)

located at Leesport, PA 19533 and owned by Schuylkill Valley Sch. Dist.
(Address) (Name or Company)

will be available to the Berks County Civil Defense Organization,
(County or Local Civil Defence Organization)

for use as a Mass Care Center when needed in time of emergency.

Further, it is understood that upon activation - the Head of the County (or

Local) Civil Defense Mass Care Group _____
(Name)

shall notify Dr. John R. O'Connell, Superintendent
Schuylkill Valley Sch. Dist., Leesport, PA responsible for said building
(Name and Address)

and arrange for it's immediate release to the Mass Care Center Manager and/or his or her
representative _____, who together with
(Name/s and Address/es)

the staff shall ready the building for occupancy.

Upon closure, the appropriate individual will be notified and the Mass Care
Center Manager shall insure that the building is clean and ready to resume its normal
day to day operation.

Date: January 26, 1979

John R. O'Connell Superintendent
(Signature and Title)

(Signature and Title)

(Signature and Title)

(Signature and Title)

CONCERNING THE USE OF FACILITIES AS MASS CARE SHELTERS

This agreement is made and entered into between the governing board of the Muhlenberg School District, the Berks County Chapter of the American Red Cross, and the Berks County Emergency Management Agency.

RECITALS

Pursuant to the terms of Federal statutes, the Red Cross provides emergency services on behalf of individuals and family victims of disaster.

The Emergency Management Agency has been designated pursuant to section 7317 (7) of act 323, November 1978 The Emergency Management Services Act, as the coordinating agency for disaster operations.

The following persons are authorized to permit the American Red Cross to use school buildings, other buildings, grounds, and equipment for mass care shelters required in the conduct of American Red Cross Disaster Relief activities and wish to cooperate with the American Red Cross and the Emergency Management Agency for such purposes.

	<u>NAME</u>	<u>POSITION</u>	<u>PHONE NUMBER</u>
a.	Dr. James Morrell	Superintendent	Bus.-929-0705:
b.	Dr. Joseph Yarworth	Asst. Supt.	Bus.-929-0705
c.	Mr. Charles Perry	Business Mgr.	Bus.-929-0705:
d.	Mr. Anthony Confora	Dir. Bldgs. & Grounds	Bus.-929-0705:

Now therefore, it is mutually agreed between the parties as follows:

1. Muhlenberg School District agrees that, after meeting its responsibilities to pupils, it will permit to the extent of its ability, and upon request by the American Red Cross or the Emergency Management Agency the use of its physical facilities by the American Red Cross as mass shelters for the victims of disasters.
2. The American Red Cross agrees that it shall exercise reasonable care in the conduct of its activities in such facilities and further agrees to replace or reimburse Muhlenberg School District for any school food or supplies that may be used by the American Red Cross in the conduct of its relief activities in said mass shelters.

In witness thereof the governing board of the Muhlenberg School District has caused this agreement to be executed by the President or Governing Officer of the Governing Board, the American Red Cross has caused this agreement to be executed by the Berks County Chapter and the Berks County Emergency Management Agency has caused this agreement to be executed by the Agency's Director said agreement to become effective and operative upon the fixing of the last signature hereto.

Signed Carl E. LeVan
Carl E. LeVan, Executive Director
Berks County Chapter
American Red Cross

Signed Edmund DeLong
Muhlenberg School District

Signed Robert L. Reber
Robert L. Reber, Director
Berks County Emergency
Management Agency

Signed Marilyn Buscote
Muhlenberg School District

CONCERNING THE USE OF FACILITIES AS MASS CARE SHELTERS

This agreement is made and entered into between the governing board of the Kutztown Area School District, the Berks County Chapter of the American Red Cross, and the Berks County Emergency Management Agency.

RECITALS

Pursuant to the terms of Federal statutes, the Red Cross provides emergency services on behalf of individuals and family victims of disaster.

The Emergency Management Agency has been designated pursuant to section 7317 (7) of act 323, November 1978 The Emergency Management Services Act, as the coordinating agency for disaster operations.

The following persons are authorized to permit the American Red Cross to use school buildings, other buildings, grounds, and equipment for mass care shelters required in the conduct of American Red Cross Disaster Relief activities and wish to cooperate with the American Red Cross and the Emergency Management Agency for such purposes.

	<u>NAME</u>	<u>POSITION</u>	<u>PHONE NUMBER</u> - Area Code (215)
	-Harold Fleisher	Principal	office #683-3575
a.	-Robert Loose	Principal	" 683-3557
b.	-Dennis Leshner	Principal	" 756-6926
c.	-Alan Machamer	Principal	" 683-7346
d.	-Nickolas Sosik, Jr.	Business Mgr.	" 683-7361

Now therefore, it is mutually agreed between the parties as follows:

1. Kutztown Area School District agrees that, after meeting its responsibilities to pupils, it will permit to the extent of its ability, and upon request by the American Red Cross or the Emergency Management Agency the use of its physical facilities by the American Red Cross as mass shelters for the victims of disasters.
2. The American Red Cross agrees that it shall exercise reasonable care in the conduct of its activities in such facilities and further agrees to replace or reimburse Kutztown Area School District for any school food or supplies that may be used by the American Red Cross in the conduct of its relief activities in said mass shelters.

In witness thereof the governing board of the Kutztown Area School District has caused this agreement to be executed by the President or Governing Officer of the Governing Board, the American Red Cross has caused this agreement to be executed by the Berks County Chapter and the Berks County Emergency Management Agency has caused this agreement to be executed by the Agency's Director said agreement to become effective and operative upon the fixing of the last signature hereto.

Signed Carl E. LeVan
 Carl E. LeVan, Executive Director
 Berks County Chapter
 American Red Cross

Signed Nickolas Sosik Jr.
 Kutztown Area School District

Signed Robert L. Reber
 Robert L. Reber, Director
 Berks County Emergency
 Management Agency

Signed Nickolas Sosik Jr.
 Kutztown Area School District

CONCERNING THE USE OF FACILITIES AS MASS CARE SHELTERS

This agreement is made and entered into between the governing board of the Hamburg Area School District, the Berks County Chapter of the American Red Cross, and the Berks County Emergency Management Agency.

RECITALS

Pursuant to the terms of Federal statutes, the Red Cross provides emergency services on behalf of individuals and family victims of disaster.

The Emergency Management Agency has been designated pursuant to section 7317 (7) of act 323, November 1978 The Emergency Management Services Act, as the coordinating agency for disaster operations.

The following persons are authorized to permit the American Red Cross to use school buildings, other buildings, grounds, and equipment for mass care shelters required in the conduct of American Red Cross Disaster Relief activities and wish to cooperate with the American Red Cross and the Emergency Management Agency for such purposes.

<u>NAME</u>	<u>POSITION</u>	<u>PHONE NUMBER</u>
a. James A. Gilmartin	Superintendent	562-3168
b. Douglas R. Macbeth	Assistant Superintendent	488-6080
c. *David L. Einsel	Elementary Principal	562-4174
d. John H. Wert	Business Manager	926-3684

* Also District Emergency Preparedness Director

Now therefore, it is mutually agreed between the parties as follows:

- Hamburg Area School District agrees that, after meeting its responsibilities to pupils, it will permit to the extent of its ability, and upon request by the American Red Cross or the Emergency Management Agency the use of its physical facilities by the American Red Cross as mass shelters for the victims of disasters.
- The American Red Cross agrees that it shall exercise reasonable care in the conduct of its activities in such facilities and further agrees to replace or reimburse Hamburg Area School District for any school food or supplies that may be used by the American Red Cross in the conduct of its relief activities in said mass shelters.

In witness thereof the governing board of the Hamburg Area School District has caused this agreement to be executed by the President or Governing Officer of the Governing Board, the American Red Cross has caused this agreement to be executed by the Berks County Chapter and the Berks County Emergency Management Agency has caused this agreement to be executed by the Agency's Director said agreement to become effective and operative upon the fixing of the last signature hereto.

Signed Carl E. LeVan
 Carl E. LeVan, Executive Director
 Berks County Chapter
 American Red Cross

Signed Shirley W. Santelli
 Shirley W. Santelli, President,
 Board of School Directors
 Hamburg Area School District

Signed Robert L. Reber
 Robert L. Reber, Director
 Berks County Emergency
 Management Agency

Signed James A. Gilmartin
 James A. Gilmartin, Superintendent of Schools
 Hamburg Area School District

CONCERNING THE USE OF FACILITIES AS MASS CARE SHELTERS

This agreement is made and entered into between the governing board of the Governor Mifflin School District, the Berks County Chapter of the American Red Cross, and the Berks County Emergency Management Agency.

RECITALS

Pursuant to the terms of Federal statutes, the Red Cross provides emergency services on behalf of individuals and family victims of disaster.

The Emergency Management Agency has been designated pursuant to section 7317 (7) of act 323, November 1978 The Emergency Management Services Act, as the coordinating agency for disaster operations.

The following persons are authorized to permit the American Red Cross to use school buildings, other buildings, grounds, and equipment for mass care shelters required in the conduct of American Red Cross Disaster Relief activities and wish to cooperate with the American Red Cross and the Emergency Management Agency for such purposes.

	<u>NAME</u>	<u>POSITION</u>	<u>PHONE NUMBER</u>
a.	Dr. W. T. Shannon	Superintendent	775-1461
b.	Jack R. Harf	Assistant Superintendent	775-1461
c.	H. L. Zeigler	Adm. Asst. to Supt./Bus.	775-1461
d.	Robert F. Shuttlesworth	Adm. Asst. to Supt./Pup.	Ser. 775-1461

Now therefore, it is mutually agreed between the parties as follows:

1. Governor Mifflin School District agrees that, after meeting its responsibilities to pupils, it will permit to the extent of its ability, and upon request by the American Red Cross or the Emergency Management Agency the use of its physical facilities by the American Red Cross as mass shelters for the victims of disasters.
2. The American Red Cross agrees that it shall exercise reasonable care in the conduct of its activities in such facilities and further agrees to replace or reimburse Governor Mifflin School District for any school food or supplies that may be used by the American Red Cross in the conduct of its relief activities in said mass shelters.

In witness thereof the governing board of the Governor Mifflin School District has caused this agreement to be executed by the President or Governing Officer of the Governing Board, the American Red Cross has caused this agreement to be executed by the Berks County Chapter and the Berks County Emergency Management Agency has caused this agreement to be executed by the Agency's Director said agreement to become effective and operative upon the fixing of the last signature hereto.

Signed Carl E. LeVan
Carl E. LeVan, Executive Director
Berks County Chapter
American Red Cross

Signed W. T. Shannon
Governor Mifflin School District

Signed Robert L. Reber
Robert L. Reber, Director
Berks County Emergency
Management Agency

Signed H. L. Zeigler
Governor Mifflin School District

STATEMENT OF AGREEMENT

APPENDIX T-18

CONCERNING THE USE OF FACILITIES AS MASS CARE SHELTERS

This agreement is made and entered into between the governing board of the Fleetwood Area School District, the Berks County Chapter of the American Red Cross, and the Berks County Emergency Management Agency.

RECITALS

Pursuant to the terms of Federal statutes, the Red Cross provides emergency services on behalf of individuals and family victims of disaster.

The Emergency Management Agency has been designated pursuant to section 7317 (7) of act 323, November 1978 The Emergency Management Services Act, as the coordinating agency for disaster operations.

The following persons are authorized to permit the American Red Cross to use school buildings, other buildings, grounds, and equipment for mass care shelters required in the conduct of American Red Cross Disaster Relief activities and wish to cooperate with the American Red Cross and the Emergency Management Agency for such purposes.

<u>NAME</u>	<u>POSITION</u>	<u>PHONE NUMBER</u>
a. Fred M. Serfass	Superintendent	(215) 944-7656 Ext. 12
b. Frank E. Daniels	High School Principal	(215) 944-7656
c. C. Jay Hertzog (Dr.)	Middle School Principal	(215) 944-7634
d. Lewis I. Shollenberger	Elementary Principal	(215) 926-2502

EDITI M KIEFFER

BUSINESS MANAGER

Now therefore, it is mutually agreed between the parties as follows:

WILLARD CULP

SUPR. GROUNDS/BUILDINGS

1. Fleetwood Area School District agrees that, after meeting its responsibilities to pupils, it will permit to the extent of its ability, and upon request by the American Red Cross or the Emergency Management Agency the use of its physical facilities by the American Red Cross as mass shelters for the victims of disasters.

2. The American Red Cross agrees that it shall exercise reasonable care in the conduct of its activities in such facilities and further agrees to replace or reimburse Fleetwood Area School District for any school food or supplies that may be used by the American Red Cross in the conduct of its relief activities in said mass shelters.

In witness thereof the governing board of the Fleetwood Area School District has caused this agreement to be executed by the President or Governing Officer of the Governing Board, the American Red Cross has caused this agreement to be executed by the Berks County Chapter and the Berks County Emergency Management Agency has caused this agreement to be executed by the Agency's Director said agreement to become effective and operative upon the fixing of the last signature hereto.

Signed *Carl E. LeVan*
 Carl E. LeVan, Executive Director
 Berks County Chapter
 American Red Cross

Signed *Carlton J. Toney Jr.* President
 Fleetwood Area School District

Signed *Robert L. Reber*
 Robert L. Reber, Director
 Berks County Emergency
 Management Agency

Signed *Jean E. Lombard, Ph.D.*
 Fleetwood Area School District

STATEMENT OF AGREEMENT

CONCERNING THE USE OF FACILITIES AS MASS CARE SHELTERS

This agreement is made and entered into between the governing board of the (school district), the Berks County Chapter of the American Red Cross, and the Berks County Emergency Management Agency.

RECITALS

Pursuant to the terms of Federal statutes, the Red Cross provides emergency services on behalf of individuals and family victims of disaster.

The Emergency Management Agency has been designated pursuant to section 7317 (7) of act 323, November 1978 The Emergency Management Services Act, as the coordinating agency for disaster operations.

The following persons are authorized to permit the American Red Cross to use school buildings, other buildings, grounds, and equipment for mass care shelters required in the conduct of American Red Cross Disaster Relief activities and wish to cooperate with the American Red Cross and the Emergency Management Agency for such purposes.

	<u>NAME</u>	<u>POSITION</u>	<u>PHONE NUMBER</u>
a.	Richard W. Miller, Ed.D.	Supt.	Office- 215-693-3121
b.	Terry W. Reber	Asst.Supt.	" "
c.	Eugene M. Kline	Bldgs./Grds. Supt.	" "
d.	Harold E. Stern	H.S. Principal	" "
e.	George M. Wentling	Elem. Principal	" 215-678-9901 or 589-2501

Now therefore, it is mutually agreed between the parties as follows:

1. (school district) agrees that, after meeting its responsibilities to pupils, it will permit to the extent of its ability, and upon request by the American Red Cross or the Emergency Management Agency the use of its physical facilities by the American Red Cross as mass shelters for the victims of disasters.

2. The American Red Cross agrees that it shall exercise reasonable care in the conduct of its activities in such facilities and further agrees to replace or reimburse (school district) for any school food or supplies that may be used by the American Red Cross in the conduct of its relief activities in said mass shelters.

In witness thereof the governing board of the (school district) has caused this agreement to be executed by the President or Governing Officer of the Governing Board, the American Red Cross has caused this agreement to be executed by the Berks County Chapter and the Berks County Emergency Management Agency has caused this agreement to be executed by the Agency's Director said agreement to become effective and operative upon the fixing of the last signature hereto.

Signed _____
 Carl E. LeVan, Executive Director
 Berks County Chapter
 American Red Cross

Signed *Richard W. Miller*
 (school district)

Signed *Robert L. Reber*
 Robert L. Reber, Director
 Berks County Emergency
 Management Agency

Signed *George M. Wentling*
 (school district)

November 10, 1982
 Date

CONCERNING THE USE OF FACILITIES AS MASS CARE SHELTERS

This agreement is made and entered into between the governing board of the Antietam School District, the Berks County Chapter of the American Red Cross, and the Berks County Emergency Management Agency.

RECITALS

Pursuant to the terms of Federal statutes, the Red Cross provides emergency services on behalf of individuals and family victims of disaster.

The Emergency Management Agency has been designated pursuant to section 7317 (7) of act 323, November 1978 The Emergency Management Services Act, as the coordinating agency for disaster operations.

The following persons are authorized to permit the American Red Cross to use school buildings, other buildings, grounds, and equipment for mass care shelters required in the conduct of American Red Cross Disaster Relief activities and wish to cooperate with the American Red Cross and the Emergency Management Agency for such purposes.

	<u>NAME</u>	<u>POSITION</u>	<u>PHONE NUMBER</u>
a.	ROBERT A. GETTIS Michael D. Palm	Bd. President	(215) 775-2600 (Office)
b.	Dr. Louis Milakofsky	Bd. Member	(215) 375-4211 (Office)
c.	Dr. Horace F. Darlington	Superintendent	(215) 779-0554 (Office)
d.	Jonathan E. Smoyer	Supv., Bldgs/Gds	(215) 779-8076 (Office)

Now therefore, it is mutually agreed between the parties as follows:

1. Antietam School District agrees that, after meeting its responsibilities to pupils, it will permit to the extent of its ability, and upon request by the American Red Cross or the Emergency Management Agency the use of its physical facilities by the American Red Cross as mass shelters for the victims of disasters.
2. The American Red Cross agrees that it shall exercise reasonable care in the conduct of its activities in such facilities and further agrees to replace or reimburse Antietam School District for any school food or supplies that may be used by the American Red Cross in the conduct of its relief activities in said mass shelters.

In witness thereof the governing board of the Antietam School District has caused this agreement to be executed by the President or Governing Officer of the Governing Board, the American Red Cross has caused this agreement to be executed by the Berks County Chapter and the Berks County Emergency Management Agency has caused this agreement to be executed by the Agency's Director said agreement to become effective and operative upon the fixing of the last signature hereto.

Signed Carl E. LeVan
Carl E. LeVan, Executive Director
Berks County Chapter
American Red Cross

Signed Michael D. Palm
Antietam School District

Signed Robert L. Reber
Robert L. Reber, Director
Berks County Emergency
Management Agency

Signed June M. Cataldi, Sec.
Antietam School District



The Business Office

APPENDIX T-21
KUTZTOWN STATE COLLEGE
KUTZTOWN, PENNSYLVANIA 19530

June 27, 1983

Mr. Robert L. Reber, Director
Berks County Emergency Management Agency
Bern Township Agricultural Center
R.D.#1
Leesport, PA 19533

Dear Mr. Reber:

We have received your formal request for the use of Kutztown State College, Keystone Hall Field House as a temporary housing area for the school children of the Boyertown Area School District buildings located within the Limerick Emergency Planning Zone in the event of a serious problem at the plant.

We can approve your use of these facilities for up to 3,000 persons, as this is the maximum capacity of the building, and the lavatory facilities are limited. The wrestling room with mats will be available for the 35 handicapped children. Also, the college caterer will be available to provide a snack or light meal for the evacuee students. If individuals do not have funds immediately available, arrangements could be made for payment retroactively.

It is understood that no overnight accommodations or long-term housing accommodations are needed, and that all students will be picked up by approximately 8:00 p.m. and relocated to another location by the Red Cross.

Sincerely yours,

John L. Burkhardt
John L. Burkhardt
Assistant Business Manager

jlb

APPENDIX T-22

BALLY COMMUNITY AMBULANCE ASSOCIATION
Bally, PA 19503

Richard C. Hoffman
Captain

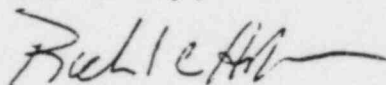
July 22, 1983

Mr. James Stevens
Boyertown Ambulance
Boyertown, Penna. 19512

Dear Jim:

In regards to the relocation plan, being set up by Energy Consultants, Inc. for Limerick, the Bally Community Ambulance can accept your two units and their crews at our building in Bally.

Sincerely,



Richard C. Hoffman
Captain

cc/David Dunn



February 4, 1983

Dr. James R. Replogle
Boyertown Area School District
911 Montgomery Avenue
Boyertown, PA 19512

Dear Dr. Replogle:

In the event of a nuclear emergency associated with the Limerick Power Plant, we agree to commit our total fleet of 37 buses to the Boyertown Area School District evacuation plan, in order that the eva [REDACTED] students can be completed on one bus run. [REDACTED]

We understand the evacuation point currently is assigned as Fleetwood High School, or if this is changed the new point would be a similar distance from Boyertown.

Very truly yours,

R. J. Quigley
Richard J. Quigley
President

AGREEMENT

BETWEEN THE BERKS COUNTY EMERGENCY MANAGEMENT AGENCY

AND THE

Jay S. Rhoads, Inc.
(bus company)

The Jay S. Rhoads, Inc. hereby agrees to provide buses
(bus company)
and drivers, to the maximum extent possible, to assist in the evacuation of
Berks County residents affected by an emergency at the Limerick Generating
Station.

The contact person in the event of an emergency is Jay S. Rhoads.
He/she can be reached at (215) [REDACTED] during the day and at (215)
[REDACTED] after hours.

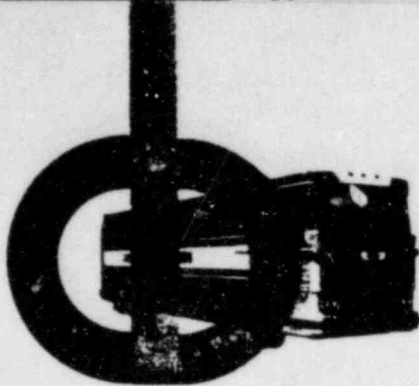
This agreement shall remain in effect until rescinded by either party.

[Signature]
(bus company representative)

[Signature]
Robert L. Reber, Director
Berks County Emergency Management
Agency

Nov. 7, 1983
Date

November 9, 1983
Date



CARL R. BIEBER, INC. TOURWAYS

Phones • KUTZTOWN 683-7333 • READING 375-0839 • ALLENTOWN 435-6691
P. O. BOX 180, KUTZTOWN, PENNSYLVANIA 19530

October 25, 1983

Mr. Robert L. Reber, Director
Emergency Management Agency
Agricultural Center, Berks Co.
R. D. 1
Leesport, Pa. 19533



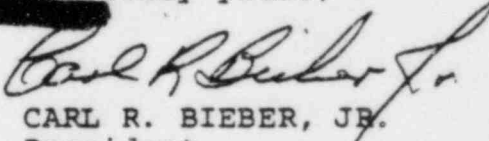
Dear Mr. Reber:

This letter is to inform you that we would be available to do whatever we can to aid in evacuation efforts caused by a problem at the Limerick Nuclear Power Plant.

Our fleet consists of thirty-nine (39) School Buses which seat forty-eight(48) adult passengers. We also have at least fifty-eight(58) intercity type coaches which seat forty-six(46) passengers.

I hope this information is sufficient. If anything additional is needed, please let me know.

Sincerely yours,




CARL R. BIEBER, JR.
President

Bb

BERKS AREA READING TRANSPORTATION AUTHORITY


BOARD OF DIRECTORS
Chairman

George J. Murphy

Vice Chairman

Robert K. Mattern

Treasurer

Joseph L. Tarantino

Assistant Treasurer

Harry S. Leshner

Secretary

Emily S. Haisch

Assistant Secretary

Forrest D. Wanner

Arthur F. Neider

Boyd C. Wagner

Lawrence A. Greene, Jr.

Executive Director

Dennis D. Lowwerse

Counsel

Richard L. Orwig, Esq.

County Commissioners

Donald W. Bagenstose, Chairman

Anthony J. Carabello

Vernon K. Shaffer

City of Reading

Karen A. Miller, Mayor

Thomas J. Gajewski, Council

Ronald A. DiBenedetto, Council

Edward W. Leonardziak, Council

Mark J. Smolkowicz, Council

November 10, 1983

Robert L. Reber, Director
Berks County Emergency Management Agency
Agricultural Center
R. D. 1
Leesport, Pennsylvania 19533

Dear Mr. Reber:

As we discussed, the Berks Area Reading Transportation Authority is willing to provide buses and drivers to the Berks County Emergency Management Agency to assist in an evacuation in the event of a serious emergency at the Limerick Generating Station.

It is understood that we will provide buses to the maximum extent possible at the time of an emergency, depending upon the availability at the time.

We currently operate the following number and type of vehicles: 55 Coaches -and- 20 Vans. Your contact person will be Gerald L. Larish. He can be reached at (215) [REDACTED] during the day and at (215) [REDACTED] after hours. It is understood that home telephone numbers will be kept confidential.

Sincerely,

Dennis D. Lowwerse

DENNIS D. LOWWERSE
Executive Director
B A R T A

DDL:Rnl



AGREEMENT

BETWEEN THE BERKS COUNTY EMERGENCY MANAGEMENT AGENCY

AND THE

Klein's Bus Service
(bus company)

The Klein's Bus Service hereby agrees to provide buses
(bus company)
and drivers, to the maximum extent possible, to assist in the evacuation of
Berks County residents affected by an emergency at the Limerick Generating
Station.

Dave Klein
Wayne Klein

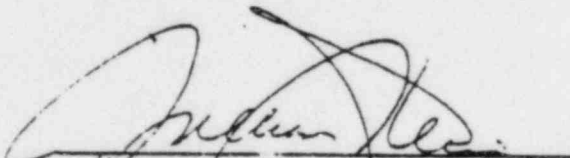
The contact person in the event of an emergency is William Klein.

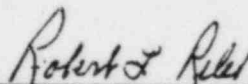
He/she can be reached at (215) [REDACTED] during the day and at (215)

[REDACTED] after hours.

[REDACTED] (First)

This agreement shall remain in effect until rescinded by either party.


(bus company representative)
William J. Klein


Robert L. Reber, Director
Berks County Emergency Management
Agency

November 17, 1983
Date

November 18, 1983
Date

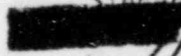
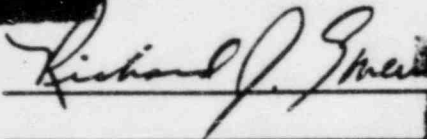


ATTACHMENT 7

Please accept this letter as verification of our willingness to serve as a host school and mass care center for Pine Forge Academy in the event of an incident at the Limerick Generating Station. Blue Mountain Academy agrees to provide tenable space to permit the students and staff of Pine Forge Academy to relocate to Blue Mountain Academy in the event of an incident at the Limerick Generating Station requiring relocation.

It is our understanding that the staff and administration of Pine Forge Academy shall provide supervision of, and be responsible for, the Pine Forge Academy staff and students relocated to Blue Mountain Academy.

This agreement shall remain in effect until cancelled in writing.

Sincerely,

Principal
Blue Mountain Academy
(Host School)

Administrator
Pine Forge Academy
(Risk School)

Director
Berks County Emergency Management
Agency
(County)



KUTZTOWN AREA SCHOOL DISTRICT

Constitution Blvd. & Trexler Ave., Kutztown, Pa. 19530 • (215) 683-7361

September 30, 1983

Robert L. Reber, Director
Berks County Emergency Management Agency
Agricultural Center
R. D. #1
Leesport, PA 19533

Dear Mr. Reber:

This letter will serve to confirm the willingness of the Kutztown Junior High School and Elementary School to serve as host schools for the Boyertown Area School District in the unlikely event of an evacuation caused by an incident at the Limerick Generating Station.

It is our understanding that we will be contacted in the early stages of any emergency by the Boyertown district and apprised of the need for our involvement. It is also understood that faculty and staff of the buildings being evacuated will accompany students and remain with them.

Students may be held for parental pick-up in our Junior High and Elementary buildings until 8:00 p.m. At that time we understand that any remaining students will be relocated to a Red Cross-operated mass care center.

Please do not hesitate to contact me with any questions or concerns.

Sincerely,

A handwritten signature in cursive script that reads "Harold L. Fleisher".

Harold L. Fleisher
Superintendent of Schools

HLF:ld

cc: Robert D. Loose
Terry L. Lindenmuth
Jean B. Long

OLEY VALLEY SCHOOL DISTRICT



ROBERT J. LESKO
Assistant Superintendent

OLEY, BERKS COUNTY, PENNSYLVANIA 19547
Telephone (215) 987-6217

September 29, 1983

Mr. Robert L. Reber, Director
Berks County Emergency Management Agency
Agriculture Center
R. D. 1
Leesport, PA 19522

Dear Mr. Reber

I am writing to inform you that at its regular monthly meeting held on August 17, 1983, the Oley Valley School Board adopted the following motion: "That the Oley Valley School District honor the requests by the Berks County and Pennsylvania Emergency Planning officer to use our parking lot as a dispersing area and our shower rooms as decontamination sites, should there be an emergency at the Linerick Nuclear Power Plant and evacuation of a ten mile radius around the plant is required."

If you have any comments or questions please contact me.

Sincerely yours

A handwritten signature in cursive script that reads "Robert J. Lesko".

Robert J. Lesko
Assistant Superintendent

RJL/cds

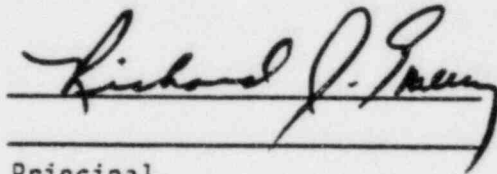
ATTACHMENT 7

Please accept this letter as verification of our willingness to serve as a host school for Pine Forge S.D.A. Elementary School in the event of an incident at the Limerick Generating Station. Blue Mountain Academy agrees to provide tenable space to permit the students and staff of Pine Forge S.D.A. Elementary School to relocate to Blue Mountain Academy in the event of an incident at the Limerick Generating Station requiring temporary relocation.

It is our understanding that the staff and administration of Pine Forge S.D.A. Elementary School shall provide supervision of, and be responsible for, the Pine Forge S.D.A. Elementary School staff and students relocated to Blue Mountain Academy.

This agreement shall remain in effect until cancelled in writing.

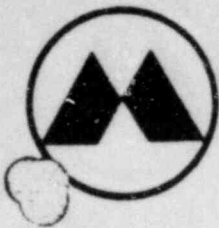
Sincerely,



Principal
Blue Mountain Academy
(Host School)

Principal
Pine Forge S.D.A. Elementary School
(Risk School)

Director
Berks County Emergency Management
Agency
(County)



Morgan[®]
Corporation

P.O. Box 258, Morgantown, PA 19543 ◦ Phone 215-286-5025 ◦ Telex #489959

August 12, 1983

Berks County Emergency Management Agency
Bern Township Agricultural Center
R. D. #1
Leesport, Pennsylvania 19533

Dear Mr. Reber:

As per your letter dated July 25, 1983, Morgan Corp. is willing to be designated as a receiving area for evacuees in the event of an emergency at the Limerick Generating Station.

We are happy to assist neighboring industries in their emergency contingency plans. However, should this designated area be utilized at a later date, we reserve the right to rescind our offer.

Should there be any questions please do not hesitate to call me.

Sincerely,

James W. Sorber
Director of Personnel/Safety

JWS:m

Governor Mifflin Schools



W. T. SHANNON, Ed.D.
Superintendent of Schools

The Education Center
10 South Waverly Street
Box 6750
Shillington, PA 19607
Telephone (215) 775-145

April 11, 1984

Mr. Robert L. Reber
Director
Berks County Emergency Management Agency
Bern Twp. Agricultural Center
R. D. #1
Leesport, PA 19533

Dear Mr. Reber:

Please accept this letter as notification that permission is granted on behalf of the Governor Mifflin School District for the use of the Cumru Elementary School parking lot as a reception center in the event of an emergency situation at the Limerick Nuclear Generating Station.

If we can cooperate in any other way, please let me know.

Sincerely,

A handwritten signature in cursive script, appearing to read "W. T. Shannon".

W. T. SHANNON, Ed.D.
Superintendent

WTS:deg
cc: Mr. Bartholomew
Mr. Zeigler

TED S. GLADSTONE

Real Estate

455 CENTRAL AVENUE
SCARSDALE, NEW YORK 10583
914.472.6292

May 15, 1984

Mr. Robert L. Reber, Director
Berks County Emergency Management Agency
Agricultural Center
R.D. 1
Leesport, Pa. 19533

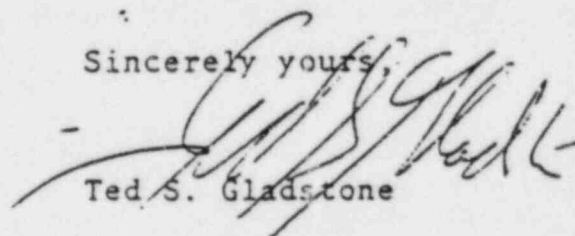
Dear Mr. Reber:

This letter serves to confirm your authorization to utilize the parking area and grounds of the Pathmark Shopping Center, 4201 Perkiomen Avenue, Reading, Pennsylvania for the purpose of serving as an evacuee reception center in the event of an incident at the Limerick Generating Station which would require an evacuation of the general public.

In order to arrange for the use of these facilities at the time of an incident, please contact Ted S. Gladstone, 455 Central Avenue, Scarsdale, New York, telephone number

[REDACTED]

Sincerely yours



Ted S. Gladstone

TSG:mm

AGREEMENT

Dear Mr. Reber:

Please accept this letter as verification of our understanding and our
• expression of agreement to serve Reading County - subs.
as a local emergency broadcast/alert-warning station in the event of an
emergency requiring official public informational statements.

It is further agreed and understood that the activation and utilization of the
system is governed and regulated by the Communications Act of 1934 as amended
[Sections 1, 4(i) and (o), and 303 (r)].

This agreement shall remain in effect until cancelled by either party in writing
giving forty-five (45) days notice of the intent to terminate the agreement.

It is hereby stated that this station assumes no responsibility for actions
of the public resulting from statements made by "official spokespersons"
who are not employed by this station.

Sincerely,

Thomas R. Hunt
President / Gen Mgr
WHUM Radio
6/22/84

AGREEMENT

Dear Mr. Reber:

Please accept this letter as verification of our understanding and our expression of agreement to serve Berks County Emergency Mgmt Agency as a local emergency broadcast/alert-warning station in the event of an emergency requiring official public informational statements.

It is further agreed and understood that the activation and utilization of the system is governed and regulated by the Communications Act of 1934 as amended [Sections 1, 4(i) and (o), and 303 (r)].

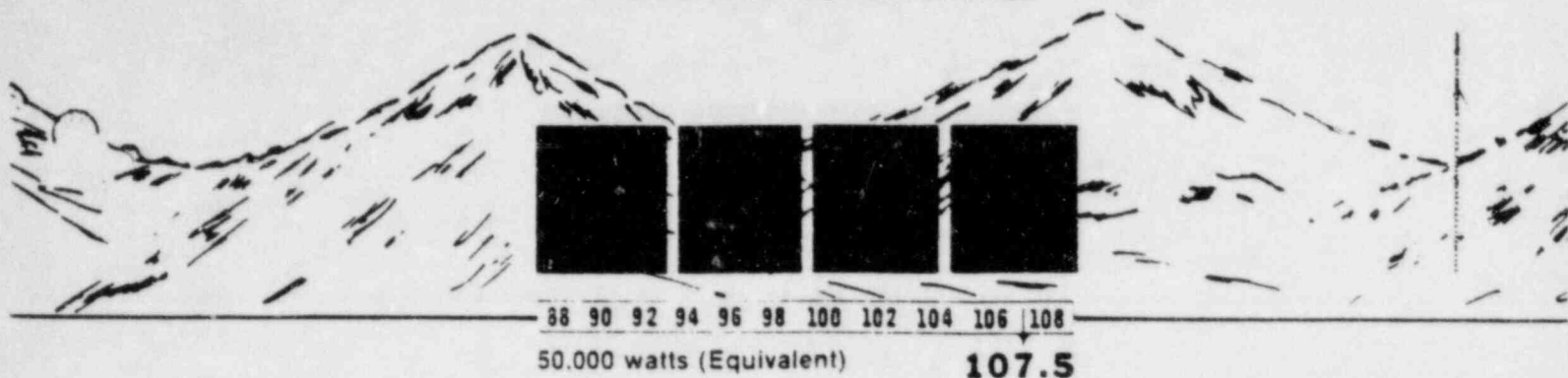
This agreement shall remain in effect until cancelled by either party in writing giving forty-five (45) days notice of the intent to terminate the agreement.

It is hereby stated that this station assumes no responsibility for actions of the public resulting from statements made by "official spokespersons" who are not employed by this station.

Sincerely,

David P. Franco

David P. Franco
Operations Manager
WRAW-AM/WRFY-FM



AGREEMENT

Robert Reber
Agricultural Center
Route 1
Leesport, Penna. 19533

Dear Mr. Reber:

Please accept this letter as verification of our understanding and our expression of agreement to serve Reading County Emergency Management Agency as a local emergency broadcast/alert warning station in the event of an emergency requiring official public informational statements.

It is further agreed and understood that the activation and utilization of the system is governed and regulated by the Communications Act of 1934 as amended [Sections 1, 4(i) and (o), and 303 (r)].

This agreement shall remain in effect until cancelled by either party in writing, giving forty-five (45) days notice of the intent to terminate the agreement.

It is hereby stated that this station assumes no responsibility for actions of the public resulting from statements made by "official spokespersons" who are employed by this station.

Sincerely,

Wilmer Borneman
STATION MANAGER

ANNEX U

SUPPORTING PLANS AND IMPLEMENTING PROCEDURES

- I. The following plans or procedures support or provide implementation for the Berks County Radiological Emergency Response Plan. These plans and procedures are either a part of this plan or are maintained in the location indicated.
- A. Municipal Radiological Emergency Response Plans (reference Annex V).
 - B. OPLAN 2-84, - 109TH Field Artillery, Pennsylvania National Guard (reference Annex H).
 - C. School Districts (reference Annex N).
 - 1. Boyertown Area School District
 - 2. Daniel Boone Area School District(School plans are maintained on file in the Berks County EOC.)
 - D. Private Schools
 - 1. Montessori Academy of PA
 - 2. Pine Forge Academy
 - 3. Pine Forge S.D.A. Elementary
 - 4. Wayside Christian School(Private school plans are maintained on file in the Berks County EOC and in each appropriate school district.)
 - E. Berks County Communications Standard Operating Procedures
 - F. Berks County RERP Implementing Procedures:

IP-1	EMA Director
IP-2	Communications Officer
IP-3	Public Information Officer
IP-4	Fire Coordinator
IP-5	Police Services Coordinator
IP-6	Medical Coordinator
IP-7	School Services Officer
IP-8	Mass Care Officer
IP-9	Radiological Officer
IP-10	Transportation Coordinator
IP-11	Agricultural Officer
IP-12	Public Works Officer
IP-13	Situation Analysis Officer

(County Procedures are maintained on file in the Berks County EOC)

- G. Chester County RERP for Limerick
- H. Montgomery County RERP
- I. Lehigh County Fixed Nuclear Facility Support Plan
- J. Pennsylvania State Police, Troop L, RERP for Limerick
- K. Reception Center Standard Operating Procedures
- L. Staging Area Standard Operating Procedures
- M. EUC Operations Standard Operating Procedures
- N. Message Flow Standard Operating Procedures

ANNEX V

MUNICIPAL PLANS

The following Berks County municipalities are located in whole or in part within the plume exposure pathway EPZ:

Boyertown
Amity Township
Colebrookdale Township
Douglass Township
Earl Township
Union Township
Washington Township

Each municipality has a Radiological Emergency Response Plan which has been developed in consonance with the Berks County Plan, as well as with those of the State and surrounding risk counties and municipalities. Copies of these plans are on file in the Berks County EOC.

Those Berks County municipalities whose seats of government and/or EOCs are located within the plume exposure pathway EPZ have designated the Fleetwood Area High School as their alternate seat of government and/or alternate EOC in the event of an evacuation caused by an incident at the Limerick Generating Station.

ANNEX W

MAPS

I. WRITTEN DESCRIPTION OF THE PLUME EXPOSURE PATHWAY EPZ

(reference Appendix W-1)

II. MAPS

The following maps are included as part of the Berks County RERP for incidents at the Limerick Generating Station:

- A. Limerick plume exposure pathway EPZ (reference Appendix W-2)
- B. Limerick ingestion exposure pathway EPZ (reference Appendix W-3)
- C. Evacuation Plan Map (reference Appendix W-4)
- D. Municipality maps (reference Appendices W-5 to W-11)

APPENDIX W-1

WRITTEN DESCRIPTION OF THE LIMERICK GENERATING STATION
PLUME EXPOSURE PATHWAY EMERGENCY PLANNING ZONE

I. BERKS COUNTY

Begin at the junction of PA Route 345 and the Berks/Chester County line. Follow Route 345 north to its intersection with Legislative Route (LR) U6097. Follow LR U6097 north to Township Route 663 (at the Schuylkill River). Proceed on T 663 to LR 06179. Follow LR 06179 north to LR 06059. Proceed north on LR 06059 to its intersection with Township Route 443. Take T 443 east to its intersection with Township Route 464. Proceed north on T 464 to its intersection with A-2059. Follow A-2059 east to its intersection with LR 06187 and LR 06109 (Amityville). Then follow LR 06109 north to LR 06053. Proceed northeast on LR 06053 to its junction with the Colebrookdale/Earl Township corporate boundary. Follow the Colebrookdale/Earl Township boundary north to the Pike/Colebrookdale corporate boundary, to the Washington/Colebrookdale boundary. Proceed along the Washington/ Colebrookdale corporate boundary to its junction with Pennsylvania Route 100. Follow Route 100 north to its intersection with LR 06033. Proceed southeast along LR 06033 to its junction with the Berks/Montgomery County line.

II. MONTGOMERY COUNTY

Begin at the intersection of the Berks/Montgomery County line and LR 06033 (Berks County) and LR 46008 (Montgomery County). Proceed north along the Berks/Montgomery County line to its junction with the Upper Hanover Township/Douglass Township corporate boundary (T 391-392). Follow the Upper Hanover/New Hanover Township corporate boundary. Follow the Upper Hanover/New Hanover boundary to its intersection with the Upper Hanover/Marlborough Township corporate boundary. Go north along the Upper Hanover/Marlborough Township boundary to its intersection with the Marlborough/Upper Frederick Township corporate boundary (Green Lane Reservoir). Follow the Marlborough/Upper Frederick Township boundary to the Marlborough Township/Green Lane Borough corporate boundary. Proceed along the Marlborough/Upper Frederick Township boundary to the Marlborough Township/Green Lane Borough corporate boundary. Proceed along the Marlborough/Green Lane boundary to its intersection with Route 63 and LR 46032. Follow Route 63 south to the Marlborough/Upper Salford Township corporate boundary. Follow the Marlborough/Upper Salford boundary to its junction with the Salford/Upper Salford corporate boundary. Proceed southeast along the Salford/Upper Salford boundary to its juncture with the Franconia/Upper Salford Township corporate boundary, and continue along this boundary to its junction with the Upper Salford/Lower Salford Township corporate boundary. Go southwest along the Upper Salford/Lower Salford boundary to its intersection with LR 46023. Follow LR 46023 south to its intersection with LR 46025. Proceed east on LR 46025 to its junction with Township Route 368. Follow T 368 south to its intersection with Route 113. Continue south on Route 113 to its intersection with the Lower Salford/Skipack Township corporate boundary. Follow the Lower Salford/Skipack Township corporate boundary

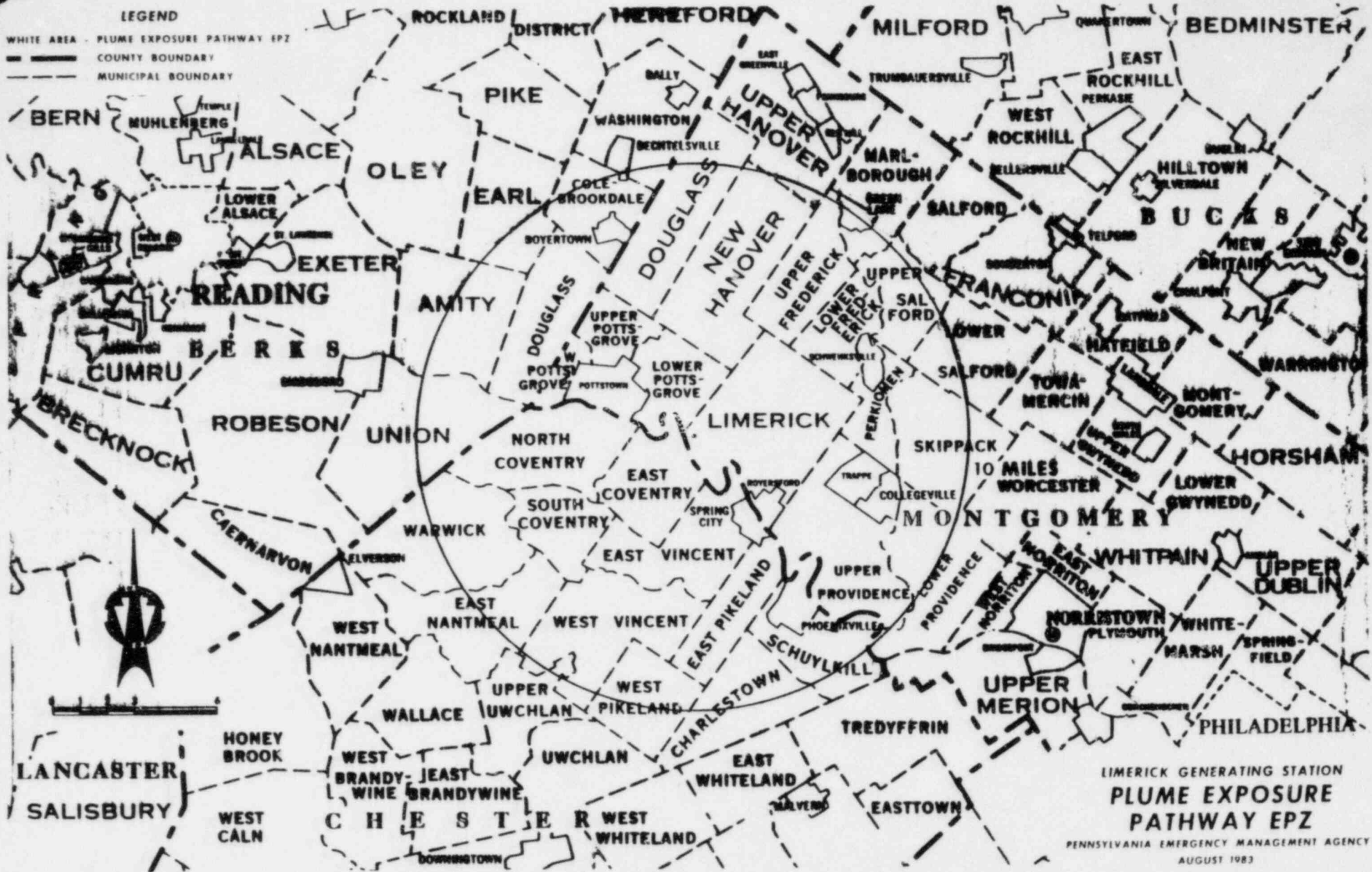
to the Skippack/Worcester Township corporate boundary. Proceed southwest along the Skippack/ Worcester boundary to its junction with the Worcester/Lower Providence corporate boundary. Follow the Worcester/Lower Providence boundary southeast to its junction with the Lower Providence/West Norriton corporate boundary. Proceed southwest along the Lower Providence/West Norriton boundary to the Lower Providence/Upper Merion corporate boundary (at the Schuylkill River). Follow the Lower Providence/Upper Merion boundary along the Schuylkill River to the Montgomery/Chester County line.

III. CHESTER COUNTY

Follow the Chester County (Schuylkill Township)/Montgomery County (Upper Merion) boundary to its junction with the Valley Forge National Historical Park boundary. Proceed west along the Park boundary to its intersection with the Schuylkill Township/Tredyffrin Township corporate boundary. Follow the Schuylkill/Tredyffrin boundary west to its junction with the Charlestown/Tredyffrin corporate boundary. Continue along the Charlestown/Tredyffrin boundary to its intersection with the Pennsylvania Turnpike (Interstate 76). Follow the Turnpike west to its intersection with Township Route 400 (East Nantmeal). Proceed northeast along T 400 to its intersection with Pennsylvania Route 401. Follow Route 401 northwest to its intersection with Route 345. Proceed north on Route 345 to its junction with the Berks County/Chester County line.

LEGEND

- WHITE AREA - PLUME EXPOSURE PATHWAY EPZ
- COUNTY BOUNDARY
- - - MUNICIPAL BOUNDARY



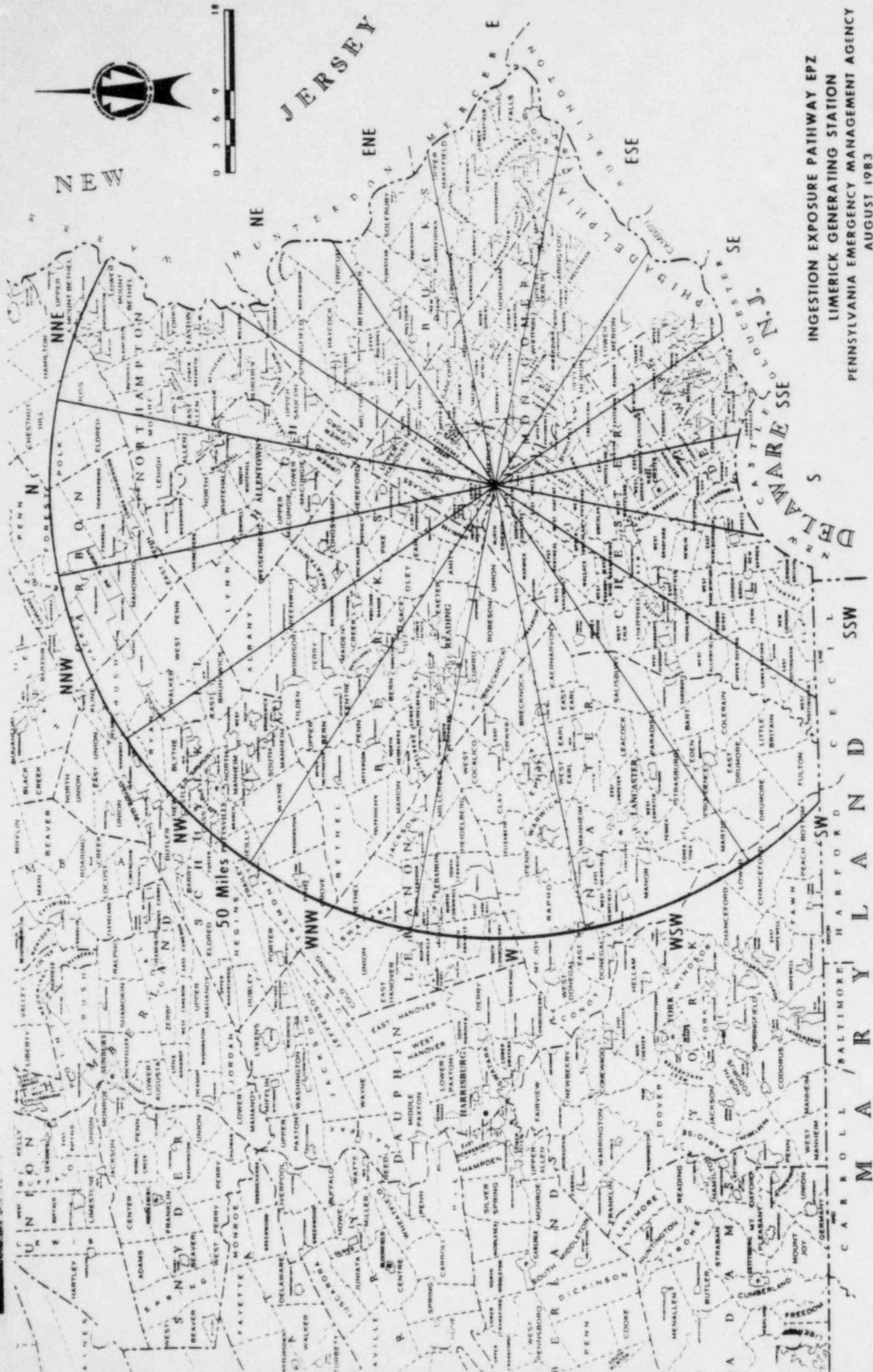
LIMERICK GENERATING STATION
PLUME EXPOSURE
PATHWAY EPZ
PENNSYLVANIA EMERGENCY MANAGEMENT AGENCY
AUGUST 1983



N
E
W



JERSEY

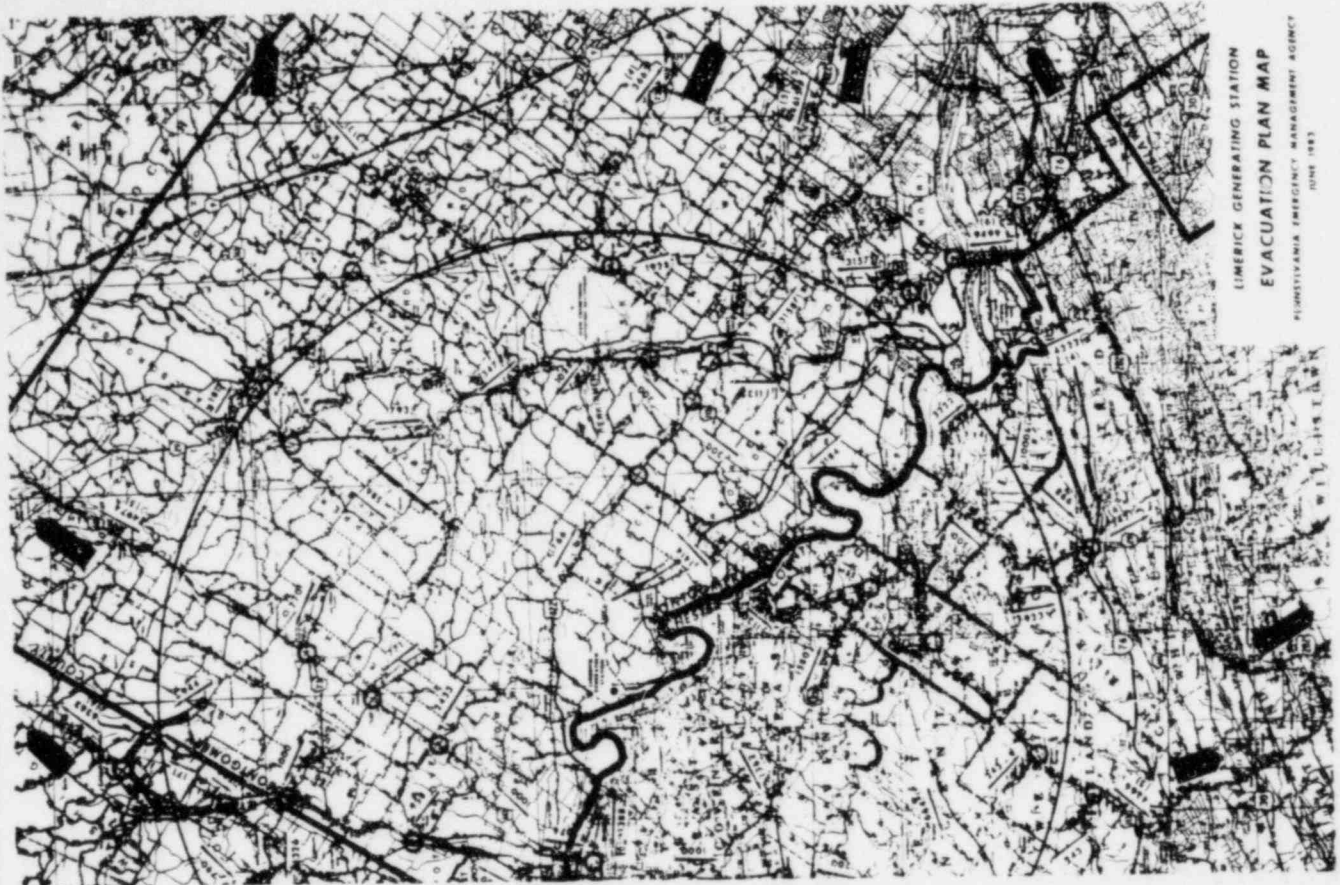


50 Miles

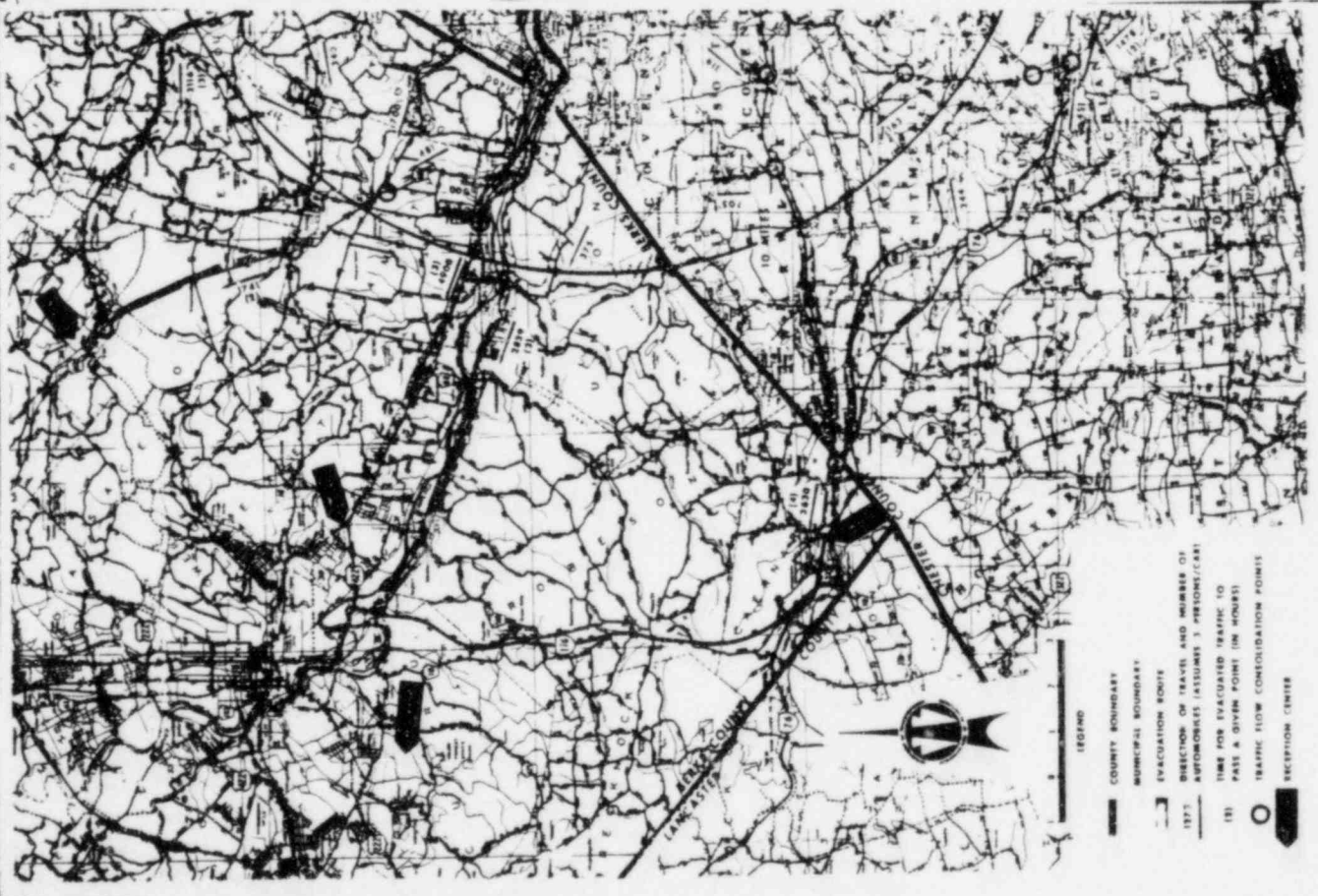
INGESTION EXPOSURE PATHWAY EPZ
LIMERICK GENERATING STATION
PENNSYLVANIA EMERGENCY MANAGEMENT AGENCY
AUGUST 1983

MARYLAND

DELAWARE

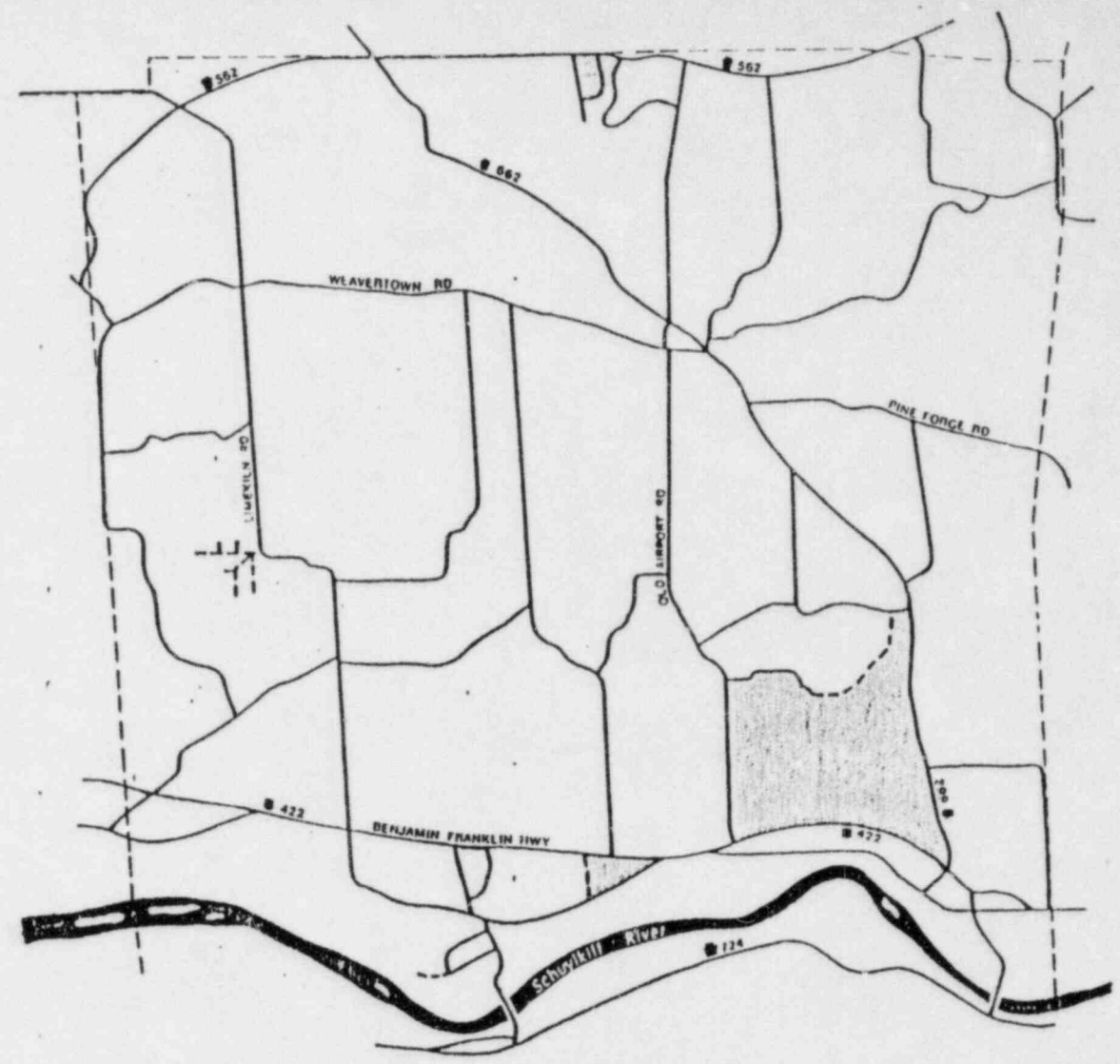


LIMERICK GENERATING STATION
 EVACUATION PLAN MAP
 PENNSYLVANIA EMERGENCY MANAGEMENT AGENCY
 JUNE 1983



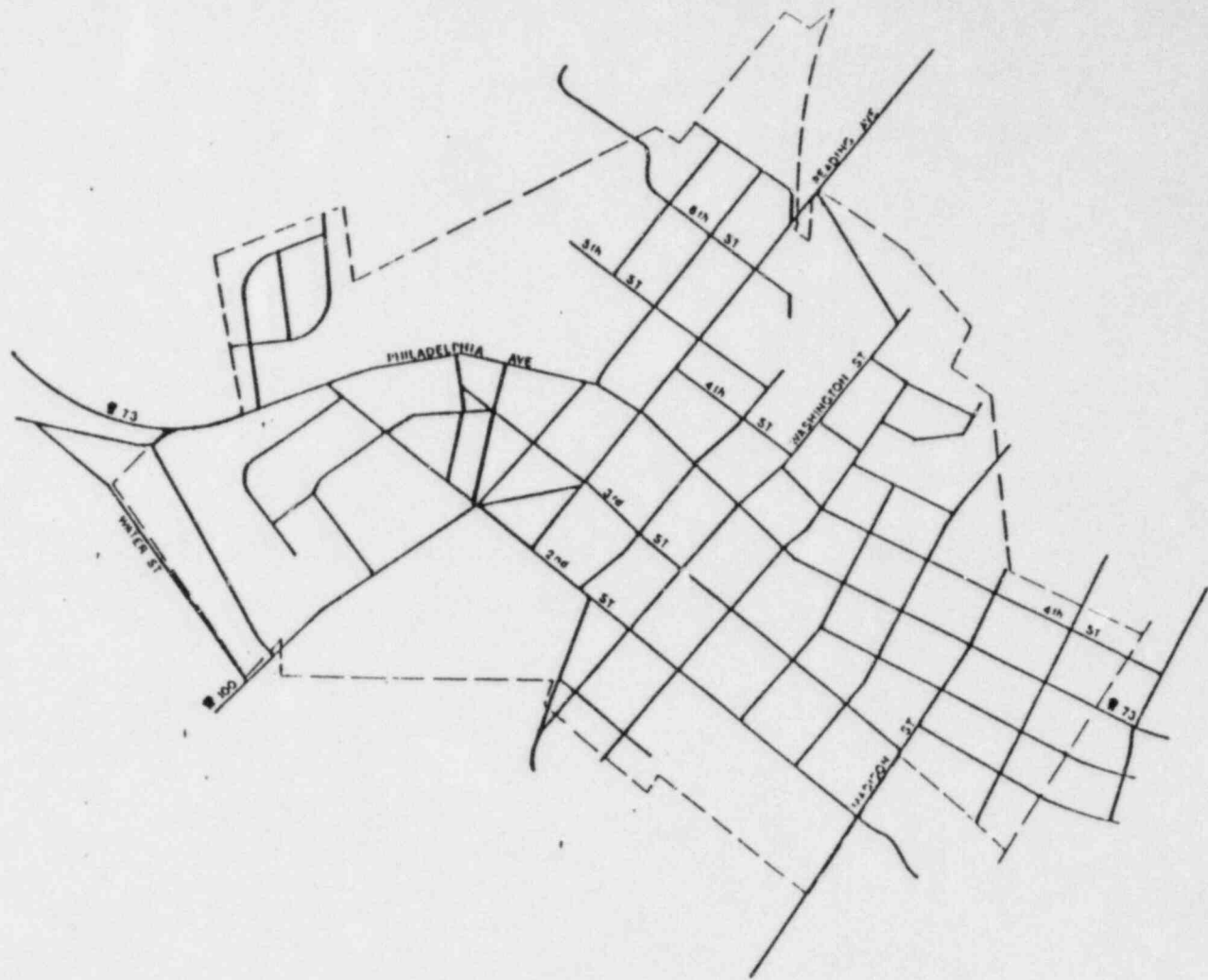
- LEGEND:** 
-  TOWNSHIP BOUNDARIES
 -  HIGHWAYS
 -  POPULATION AREAS
 -  COUNTY BOUNDARIES

**BERKS COUNTY
AMITY TOWNSHIP**




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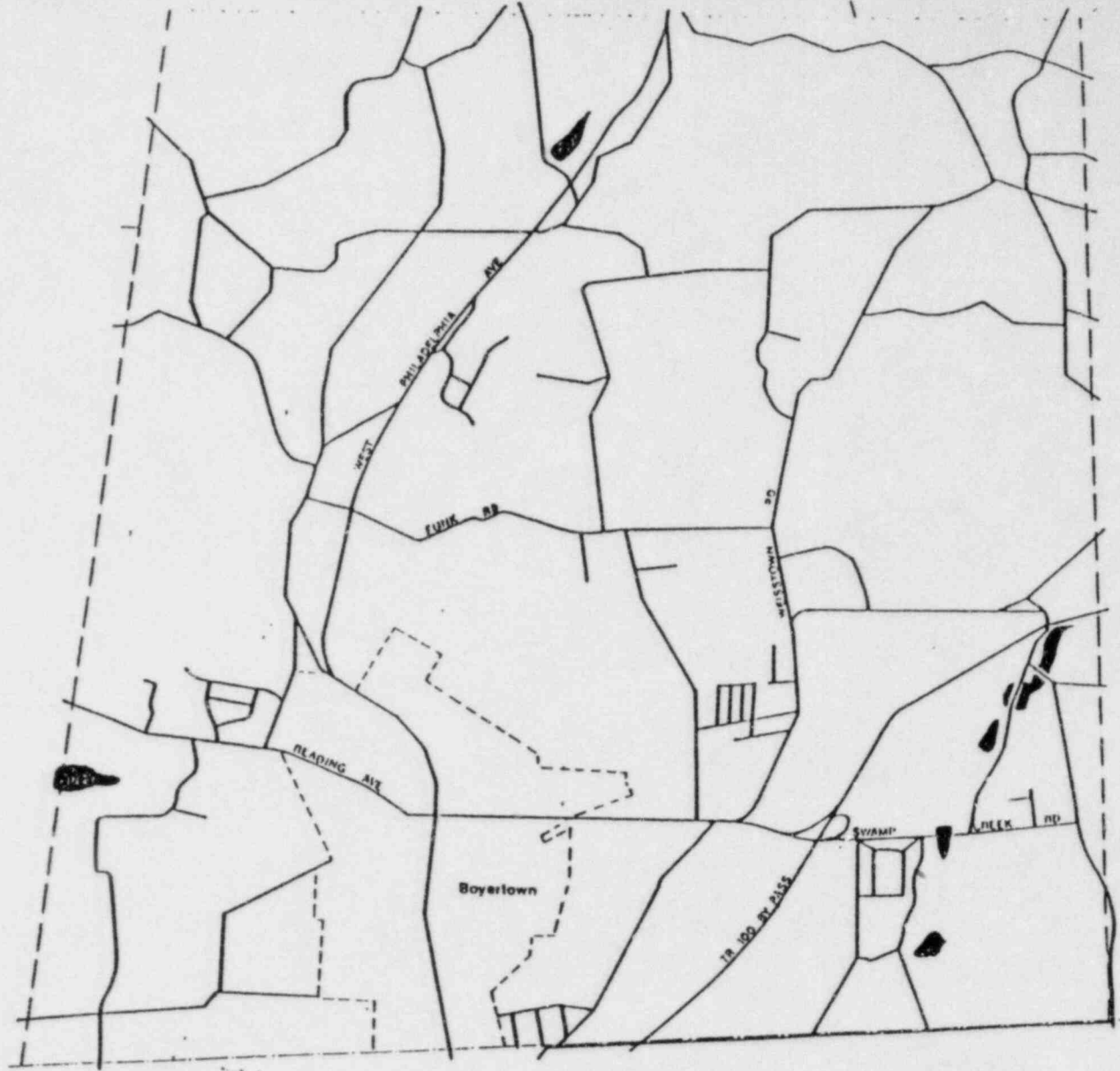
- TOWNSHIP BOUNDARIES
- HIGHWAYS
- POPULATION AREAS
- COUNTY BOUNDARIES

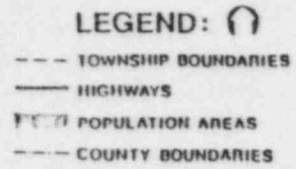


BERKS COUNTY
BOYERTOWN BOROUGH

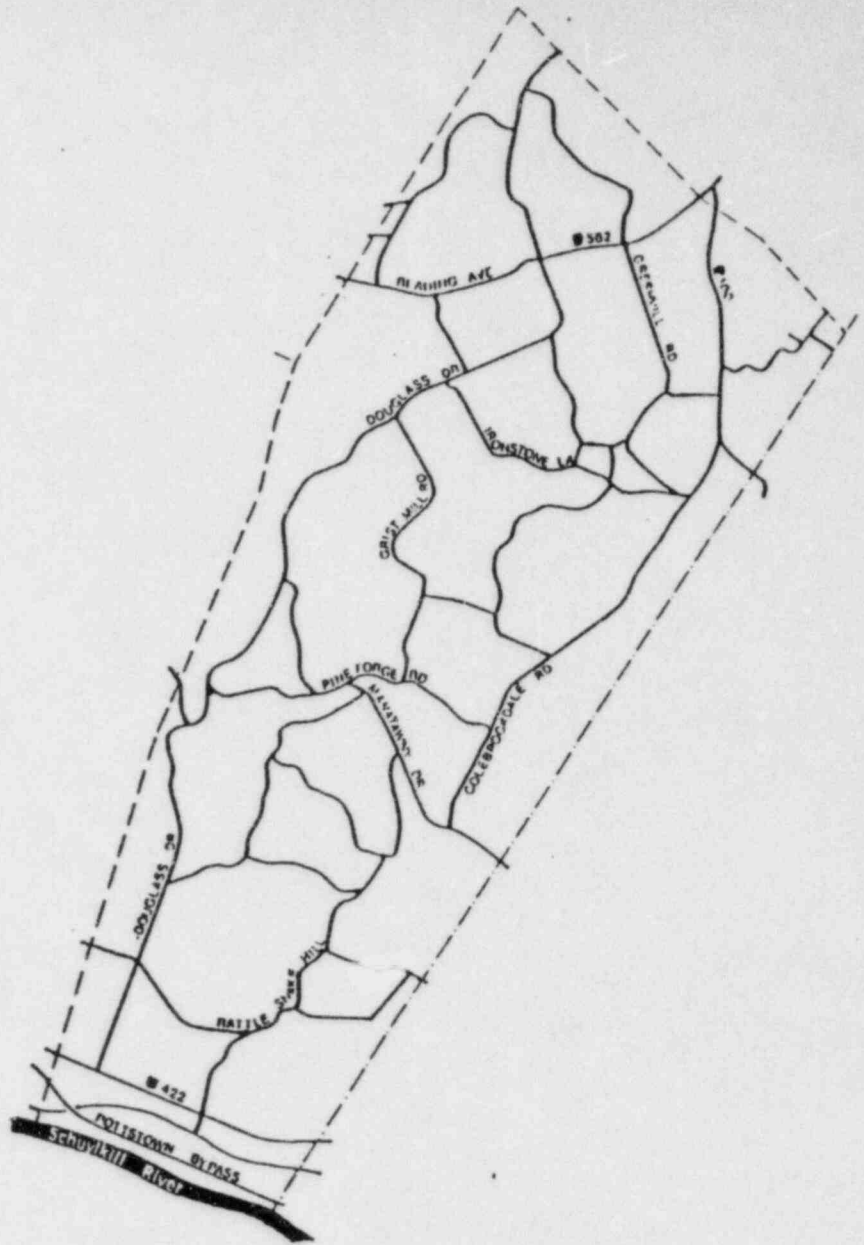
BERKS COUNTY
COLEBROOKDALE
TOWNSHIP

- LEGEND: 
- TOWNSHIP BOUNDARIES
 - HIGHWAYS
 - ▨ POPULATION AREAS
 - · - COUNTY BOUNDARIES



- LEGEND: 
- TOWNSHIP BOUNDARIES
 - HIGHWAYS
 - ▨ POPULATION AREAS
 - · - COUNTY BOUNDARIES

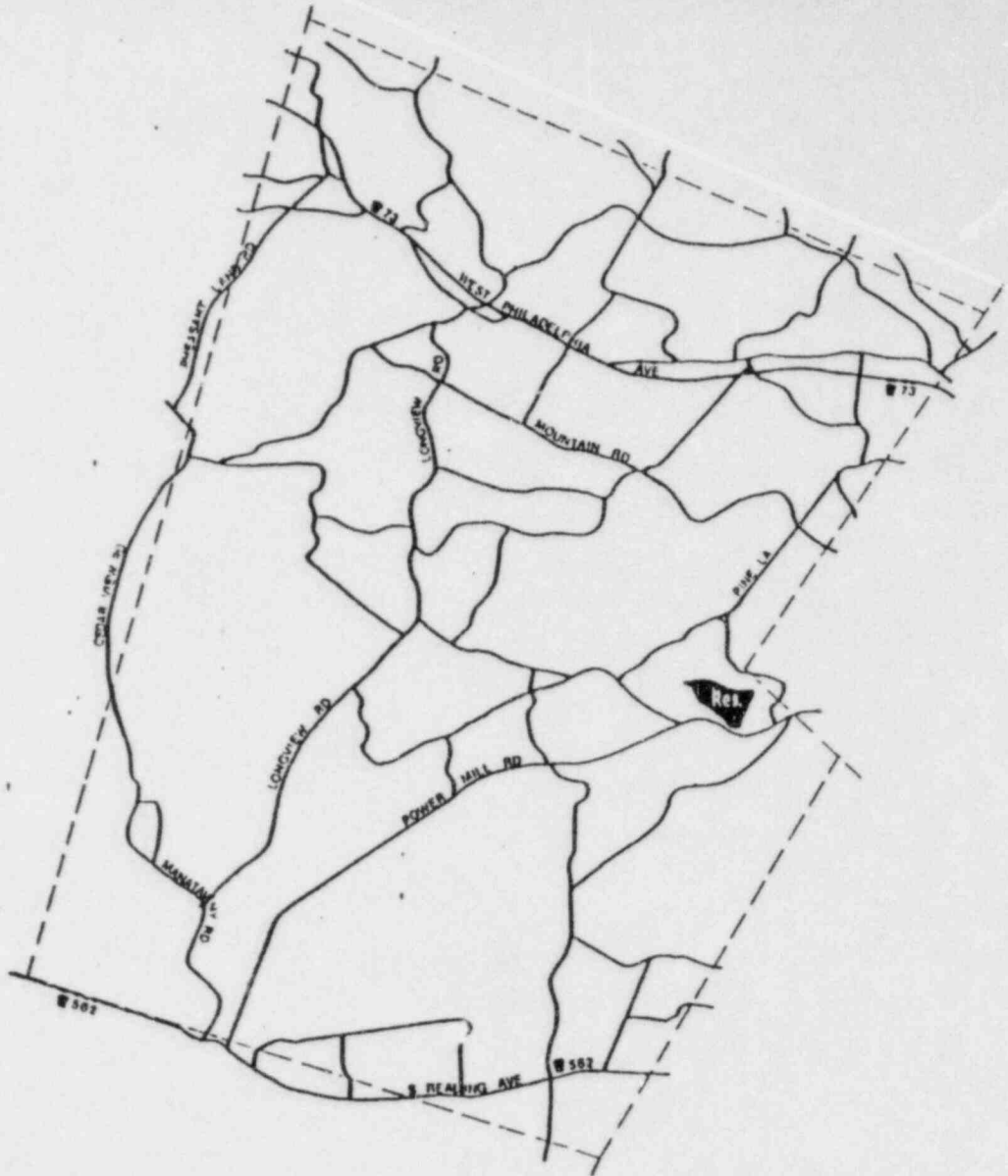
BERKS COUNTY
DOUGLASS TOWNSHIP



APPENDIX W-9

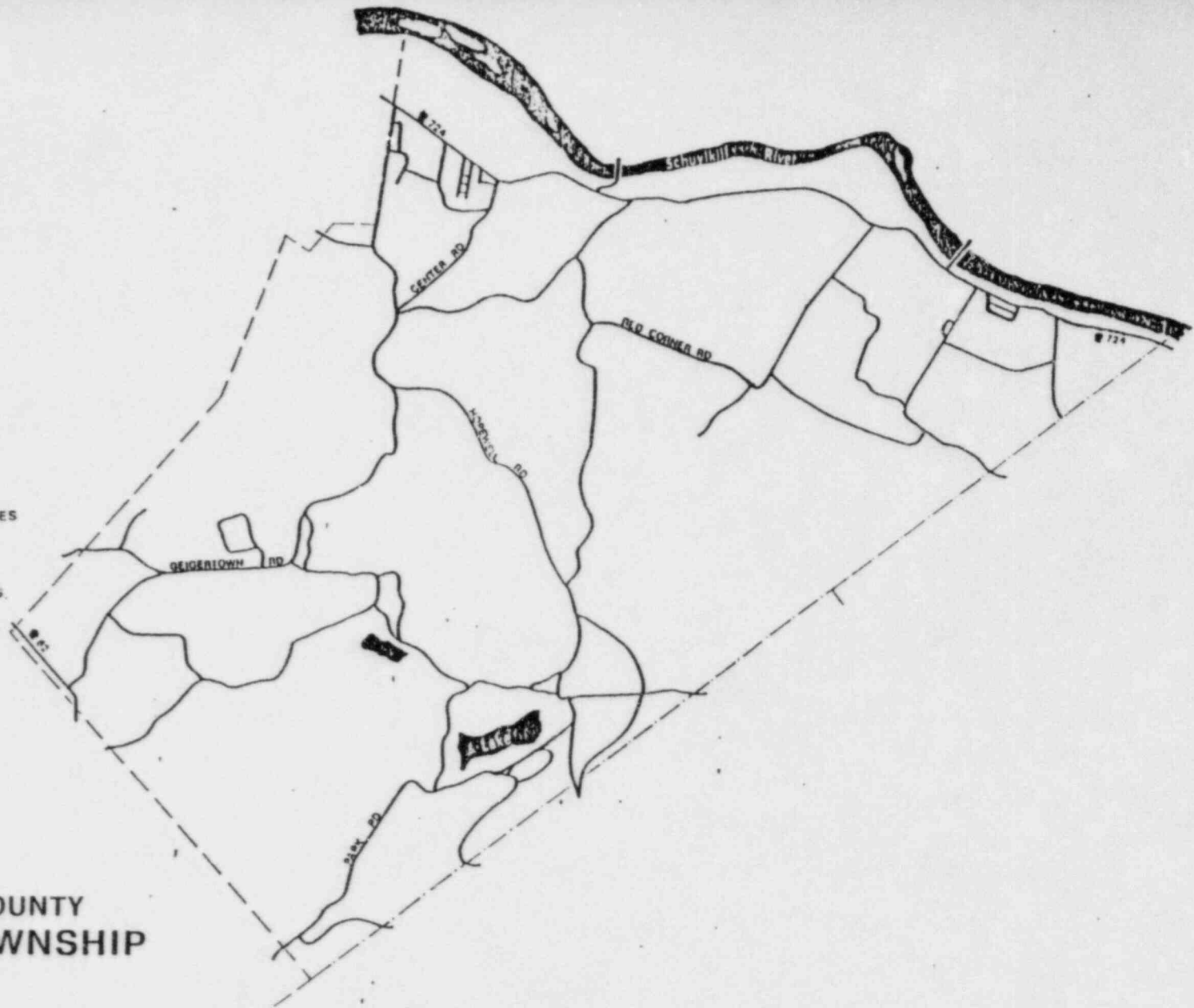
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 - HIGHWAYS
 - POPULATION AREAS
 - COUNTY BOUNDARIES

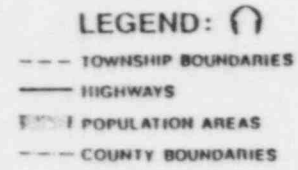
**BERKS COUNTY
EARL TOWNSHIP**



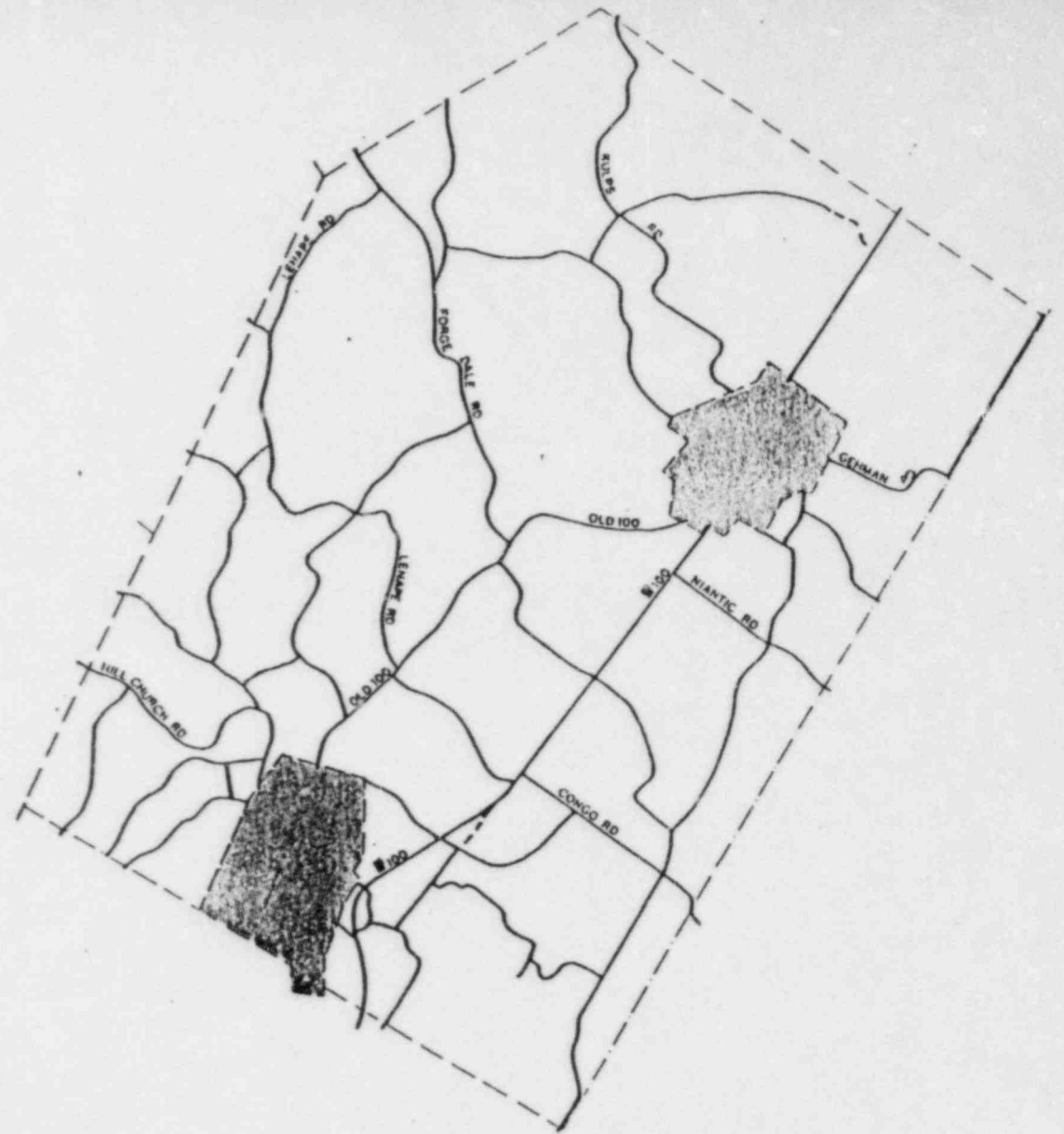
BERKS COUNTY UNION TOWNSHIP

- LEGEND:**
- TOWNSHIP BOUNDARIES
 - HIGHWAYS
 - ⌈ POPULATION AREAS
 - COUNTY BOUNDARIES



- LEGEND: 
- TOWNSHIP BOUNDARIES
 - HIGHWAYS
 - POPULATION AREAS
 - · - COUNTY BOUNDARIES

BERKS COUNTY
WASHINGTON TOWNSHIP



ANNEX X
INDUSTRIAL RELATIONS

I. Purpose

To establish a relationship with major industries and public utilities in Berks County in order to ensure full cooperation with the County Emergency Management Agency in the event of an incident at the Limerick Generating Station.

II. Responsibilities

A. Berks County Emergency Management Agency

1. Through the Public Works Officer, establish relations with industries and utilities within Berks County.
2. Provide timely notification to designated major industries and utilities in the event of an incident at the Limerick Generating Station.
3. Assist industries and utilities in preparing radiological emergency response plans.
4. Assist industries in designating key employees as emergency workers.

B. Public Works Officer

1. Maintain lists and contacts for all major industries and public utilities for use in time of emergency.
2. Maintain contacts with industry management on an on-going basis to determine their problems and needs in the event of an incident.
3. Assist in the development of emergency plans for industries and utilities, to include shut down, evacuation, and sheltering procedures. Ensure that workers required to maintain operations or to shut down industries are identified (reference Appendix X-3 and Annex M).
4. In the event of an incident, respond to the needs and resources of industry to ensure the best possible use of their resources, and when necessary, obtain additional assistance through emergency management channels.

III. Concept of Operations

A. Unusual Event

1. No action necessary.

B. Alert

1. The Public Works Officer reports to the EOC if requested.
2. Major industries (reference Appendix X-1) and utilities (reference Appendix X-2) within the EPZ are notified.

C. Site Emergency

1. The Public Works Officer reports to the EOC.
2. Major industries and utilities within the EPZ are notified of the incident classification.
3. The Public Works Officer coordinates with risk industries to determine resources and time necessary to shut down if it should become necessary.
4. The Public Works Officer advises industries on an individual basis regarding the feasibility/advisability of temporarily suspending or limiting operations, due to the potential of incident escalation and potential staffing shortages.

D. General Emergency

1. Same actions as for Site Emergency.
2. In the event of a protective action recommendation:
 - a. Major industries and utilities are notified of the protective action recommendation.
 - b. The Public Works Officer coordinates industry/utility support requirements and responds to unmet needs.
 - c. The Public Works Officer coordinates any assistance provided by private industry to Berks County such as personnel, vehicles and equipment.
 - d. The Public Works Officer informs PEMA of the progress of industrial shutdown.

Appendices:

- X-1. Industrial Emergency Planning Information
- X-2. Utility Emergency Planning Information

APPENDIX X-1

INDUSTRIAL EMERGENCY PLANNING INFORMATION

Industry and Address	Contact	Telephone	Estimated Emergency Shutdown Time	Estimated No. of Persons Needed to Shut Down Plant
<u>Amity Township</u>				
1. Kiwi Corporation	George Barrett, Plant Engineer	689-9521		
2. American Crane & Hoist, Inc.	Pat Olock, [REDACTED] nager	385-6061		
<u>Boyertown Borough</u>				
1. Wagner Electric	Richard Gerhart, Plant Manager	367-2604		
2. Eastern Foundry	Richard Smith General Manager	367-2153	1 hour	2-3
3. Emerald Tool & Die Co.	Glenn White, President	367-2951		
4. Boyertown Casket Co.	Fred Ihrig, Vice President	[REDACTED] 367-2131(0)		
5. Boyertown Planing Mill	Robert Hemmerle Sec'y-Treas.	367-2124		
6. Boyertown Automotive Co.	Robert Zeigler	367-2811		
7. A. W. Mercer	Peter Mercer	367-2971		
8. Unicast	Mr. Stimmel, General Manager	367-0155		
<u>Colebrookdale Township</u>				
1. Boyertown Packing	Dan Sautter, Plant Engineer	367-2991		
<u>Union Township</u>				
1. Birdsboro Casting	H. Herb	582-1575	1 hour	N/A
2. Berks Associates	Receptionist	385-3031		
3. Yellow Freight	Joseph Novak	327-2030; [REDACTED]		
4. Dampman Oil	Mr. Youse	323-7610		
5. Hopewell Non-Ferrous Foundry	Joseph Drazda	385-6900		

Note: If no figure is indicated, no extended shutdown period or special manpower needs are anticipated.

Industry and Address	Contact Person	Telephone	Estimated Emergency Shutdown Time	Estimated No. of Pers Needed to Shut Down Plant
6. French Creek State Park Elverson	Donald Clewell, Superintendent	(215)582-1514 (8am-4pm)	[REDACTED] (4pm-8am) or County Comm. Ctr. can contact by radio	
7. Hopewell Village National Historic Site	Superintendent (8am-5pm) Chief Ranger (5pm-8am)	(215)582-8773 (8am-5pm) [REDACTED] (5pm-8am)		

Note: If no figure is indicated, no extended shutdown period or special manpower needs are anticipated.

APPENDIX X-2

UTILITY EMERGENCY PLANNING INFORMATION

<u>Utility</u>	<u>Contact Person</u>	<u>Telephone</u>
Bell Telephone of Pennsylvania	Thomas Campisano, Myr.	(215) 375-7044 (U) [REDACTED] (H)
Conestoga T & T Co.	--	(215) 582-8711 [REDACTED]
Metropolitan Edison Co.	Robert Grant, Sr. Charles Bolick	(215) 929-3601 (U) [REDACTED] 929-6111 (U) [REDACTED] (H)
Boyertown Water Co.	--	(215) 367-2688 369-1561
Birdsboro Municipal Authority	--	(215) 582-4450
Douglassville Water Co.	--	(215) 385-6760
U.G.I. Corp.	William J. Armstrong, Jr., or Michael Fink	(215) 378-1331 (U) [REDACTED] (H) 378-1331 (U) [REDACTED] (H)



ENERGY CONSULTANTS

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

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USNRC

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October 3, 1984 OFFICE OF SECRETARY
DOCKETING & SERVICE
BRANCH

Ms. Monica Phillips, RN
Director of Nursing Services
Pottstown Memorial Medical Center
High Street and Firestone Blvd.
Pottstown, PA 19464

Dear Monica:

Enclosed are applicable excerpts from the draft FEMA critique of the July 25 Limerick exercise.

The critique is extremely complimentary, and you and your staff are to be congratulated. It does appear that there was an error in the scenario which led the FEMA evaluator to miss observing your decontamination procedure, but that is certainly beyond your control.

I am looking forward to meeting with you on Friday, October 12 in order to discuss these comments in detail and hopefully finalize your plan.

Sincerely,

John F. Long, Jr.

JFL/dlt

Enclosures

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worked well together, communicated efficiently and made decisions after discussion and concurrence. The NRC and PEMA liaisons were effective in their roles of communicating information and helping the BRP staff think out a solution to a problem. Communication between field teams and the BRP needs to be improved so that there is a direct link backup rather than relying on slow, and inadequate, transfer through the EOF. The dose assessment techniques are adequate. The management of people was very good.

Emergency Operations Facility

The representatives in the EOF for the Bureau of Radiation Protection, have the primary function of making an independent evaluation of the plant status and radioactive release potential using information available at the EOF. They transmit this information to the BRP assessment center for further evaluation.

At times the BRP representative was difficult to reach by phone due to long licensee conferences, data gathering and noise level in the EOF.

The City of Philadelphia officials (water quality engineer and meteorologist) were not directly involved in the exercise. The scenario lacked water quality data and the wind direction and release duration had no consequence on the City. No monitoring was performed for radiation contamination at the EOF.

Medical Support

The following hospitals were reviewed during the Limerick exercise:

Chester County Hospital - Support Facility
Pottstown Medical Center - Risk Facility
Phoenixville Hospital - Risk Facility

All facilities had adequate communication capabilities: telephone, radio, and RACES. Those which were demonstrated during the exercise were appropriately handled, both in terms of external and internal capability.

The hospitals had well developed plans which assigned specific responsibilities to specific persons on the hospital staff. The aspects directly observed during the exercise followed the plan and appeared to be meeting the needed response level for the level of the emergency situation. Unfortunately, the observer was not in a position to observe the handling of an injured, contaminated person by the hospital staff.

The personnel interviewed at the three facilities were well trained in their basic discipline and for a radiological emergency. They were aware of their roles and responsibilities as designated in the plan developed by the hospital. The activities which were observed were appropriate to the stage of the exercise. Arrangements were made for acquiring the services of a health physicist since they were not on staff.

The hospitals had the proper equipment to monitor levels of contamination, provide decontamination, and protective devices for their teams. The Chester County Hospital has a sufficient number of dosimeters but the other

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two, since they are risk hospitals, need more dosimeters than they have in order to support an evacuation of the facility, or properly shelter.

Field Monitoring

Air Monitoring Teams

Two air monitoring teams from the Reading Office of the Pennsylvania Department of Environmental Resources were evaluated. Their technical knowledge, equipment familiarity and how they conducted themselves could not be faulted. However, the teams had problems communicating with BRP in Harrisburg. They tried to correct this problem by manning an information relay at the EOF parking lot. In this manner information was passed to and from Harrisburg by dedicated telephone in the EOF. However, in doing this they lost the use of one monitoring team.

Water Monitoring Team

The water monitoring team played out of sequence. They left Norristown at 0945, had collected samples by 1100 and delivered the samples to the laboratory by 1300. They knew their equipment and procedures well and demonstrated adequate knowledge of dosimetry and exposure control. In spite of the fact that BRP could not be contacted by radio, alternate procedures were explained and demonstrated. No deficiencies were noted.

Agricultural Sampling Team

The agricultural sampling team demonstrated excellent procedures and performed in a professional manner.

Montgomery County EOC

Overall, personnel at the Montgomery County EOC performed their jobs in a most capable manner. Activation occurred in a premature manner and 24-hour staffing is still not complete at all positions. Emergency operations management was effectively demonstrated, although it may be beneficial to formalize internal briefing procedures. In certain instances, the timeliness of responses to municipalities needs to be improved. The county commissioners should take a more direct interest in future exercises. Facilities and the communications systems are excellent. Siren and EBS activation occurred smoothly at the county level, but the "evacuation" message caused confusion at Lower Frederick Township, resulting in the fact that they took no action. The exercise concluded before this situation could be resolved. Montgomery County coordinated the implementation of protective actions adequately. Radiological exposure control remains a problem due to lack of equipment. The performance of the public information officer was not directly observed, but it was noted that there was good coordination between the county media center and the EOC.

Reception/Mass Care Centers

Individuals at the reception/mass care center displayed their capabilities in an adequate manner. Decontamination procedures were demonstrated and

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office, handled the calls. The observer did not verify the capability or awareness of these individuals. An administrative emergency number was available in the licensee phone directory.

VII. Scenario

The scenario was adequate to provide for offsite response activity and test the capability of the state representative. The city officials were not tested; no information on water contamination was available.

Emergency Operations Facility Deficiency

1. Consideration should be given to monitoring of individuals entering the EOF for radioactive contamination.

Medical Support

Communications

The communications capability was directly observed and the activity went very well. The EOC messages about the status of the emergency were received in a timely manner. The tasks which are identified in both the county plan and each individual facility plan were conducted and communicated back to the EOC. (Census, transportation requirements, monitoring equipment inventories, etc.).

The communication system appeared, throughout the exercise, to be functioning quite well. The host hospitals were contacted for bed availability and notice of the number/types of patients which would need to be transported in case of an evacuation. This communication was effective and timely.

In summary, there was adequate equipment, properly trained operators, and effective utilization of the plan.

Hospital

Unfortunately, there was no opportunity to observe the processing of a patient as this activity was not conducted according to the scenario. No patient was transported to the Chester County Hospital. A patient was transported to Phoenixville and Pottstown Hospitals; unfortunately this was not played according to the exercise schedule. Therefore, the observer arrived after the patient had been treated and released.

However; there was an opportunity to review, on-site, the hospitals' plans by which they were operating. Adherence to the plan was progressing well: Key staff were present, alert procedures were accomplished in a timely fashion, current patient census and status were made, appropriate monitoring equipment was inventoried and in-

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place, and the record cards were appropriately completed. There seemed to be sufficient supplies of monitoring equipment but Pottstown Medical Center and Phoenixville Hospital will need supplemental supplies to have enough for all the staff who would be involved in an evacuation of the facilities.

The hospitals have radiology departments who are a ready resource for the monitoring tasks. Chester County Hospital has its own contract for the monitoring tasks and has its own contract for a health physicist and laboratory; Pottstown Medical Center and Phoenixville Hospital have agreements with a lab and health physics staff; and, as risk hospitals, have agreements with the PECO health physics staff.

Ambulance

From observations made at the Montgomery County EOC, the ambulance squads were active throughout the exercise. Dispatches were made from the medical and transportation desks. No direct observation of ambulance activity was made as the scenario was not followed. From reports from the hospitals that received patients, the ambulances and crew were handled according to procedures, to determine level of contamination and decontamination if necessary. Patients were the responsibility of the emergency team, vehicles and crew the responsibility of radiological officer. Once again, no direct observation was made.

Scenario

The scenario was a well-planned set of activities. Most of the areas observed reinforced this assessment. The medical system plans and their implementation were tested in an adequate manner as they progressed through the emergency classification levels.

The lack of observation of the receipt of a contaminated, injured person was unfortunate. No patient was ever received by Chester County Hospital even though the Chester EOC kept expecting one; the hospital kept its staff at the ready until 2300. The two hospitals who received patients were not so designated in the scenario; since they did not have a scenario; they responded to this aspect as they should, having been notified that their services were needed. It was not a problem for the two hospitals but it did prevent the state and federal observers presence during this important phase; no direct assessment was possible. It also made an assessment of the ambulance squads impossible.

Medical Support Deficiencies

1. Inadequate number of dosimeters at the Pottstown Hospital and the Phoenixville Hospitals to support an evacuation or a shelter action.

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2. State and federal observers were not able to observe the management of an injured, contaminated person since they were delivered to hospitals other than those on the scenario.

Field Monitoring Teams

Air Monitoring Team 1

The mobilization phase of the exercise was excellent. The team was well drilled and very competent. There were two teams of two people (total 4). All members have had several years experience in radiological monitoring. Mobilization worked very well with calls from the controller as appropriate. No suggestions can be offered to improve this phase.

Field Team equipment was neatly stored in a cabinet with each team member assigned a shelf. An equipment check list was on the door. This phase was excellent except for one suggestion. Some of the equipment did not have any calibration date or what was there was two or three years old. To improve this situation another column could be added to the state emergency equipment inventory to keep the calibration up-to-date.

Technical Operations for the Norristown 107 Team were not observed since the team, due to malfunction of radio equipment, had to perform a communications only function.

On arriving in the field, radio contact could not be established with the controller in Harrisburg. The base in Harrisburg was operational but the link to the antenna had a malfunction which could not be remedied during the exercise.

Both mobile teams tried various "tricks" to establish some sort of communication. In order to participate in any part of the exercise, one van parked at the EOF. The other van was then sent out (Reading 105) to respond to the exercise as best as possible. Telephone calls were taken in the EOF from the controller and relayed via the monitoring van in the parking lot to the "roving" van. Van-to-van communications, were adequate using the repeater as needed.

This phase of the operation was essentially a question and answer period with the team since the monitoring van had to park. However, there are no problems with this phase. As stated before the team of was very competent.

The scenario was well planned and adequate pertaining to this phase of the operation. However, the communication problems previously mentioned, prevented the monitoring teams from fully displaying the expertise that they had obviously acquired.

DRAFT



ENERGY CONSULTANTS

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

October 1, 1984

Ruth G. Webster, Principal
Washington Elementary School
R.D. 1
Barto, PA 19504

Dear Ms. Webster:

Enclosed for your review are twenty-five copies of Draft #4, Boyertown Area School District Radiological Emergency Response Plan (RERP) for Incidents at the Limerick Generating Station.

During your staff review, I ask that you pay particular attention to the "Basic Plan" and "Concept of Operations" sections as these sections govern district actions in response to a declared incident. Please feel free to indicate revisions necessary to accommodate district standard operating procedures and revise the data in the attachments.

I will contact you within the next four weeks to schedule a meeting at which time we can review the plan and discuss the information needed to complete the planning process.

Should you have any immediate questions following receipt of this correspondence, please don't hesitate to call me.

Thank you for your continued cooperation.

Sincerely,

John H. Cunnington, Jr.
Associate Senior Planner

JHC/pjw

Enclosures

CC: Berks County EMA

BOYERTOWN AREA SCHOOL DISTRICT
BALLY, BECHTELSVILLE, BOYERTOWN BOROUGHS, COLEBROOKDALE, DOUGLASS, EARL, *
WASHINGTON TOWNSHIPS

BERKS COUNTY

DOUGLASS, NEW HANOVER, UPPER FREDERICK TOWNSHIPS

MONTGOMERY COUNTY

RADIOLOGICAL EMERGENCY RESPONSE PLAN

FOR INCIDENTS AT THE

LIMERICK GENERATING STATION

Boyertown Area School District
911 Montgomery Avenue
Boyertown, PA 19512
215/367-6033

September 1984

PROMULGATION

RESOLUTION OF THE BOYERTOWN AREA SCHOOL DISTRICT BOARD OF EDUCATION

THIS PLAN IS ADOPTED AS THE BOYERTOWN 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 OTHER DISTRICT PLANS FOR RESPONSE TO AN INCIDENT AT THE LIMERICK GENERATING STATION.

ADOPTED THIS _____ DAY OF _____, 1984

BOYERTOWN AREA SCHOOL DISTRICT BOARD OF EDUCATION

PRESIDENT

SUPERINTENDENT OF SCHOOLS

SECRETARY

RESOLUTION # _____

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BOYERTOWN AREA SCHOOL DISTRICT
RADIOLOGICAL EMERGENCY RESPONSE PLAN

I. INTRODUCTION

A. Authority

The authority for the preparation of this plan is provided by the Board of Education, Boyertown Area School District and is consistent with the P. L. 1332, the Pennsylvania Emergency Management Services Act of 1978.

B. Purpose

This plan is presented to establish responsibilities, define a concept of operations, offer workable procedures for the protection of school students and provide for the direction and control of District school facilities, staff and students in the event of an incident at the Limerick Generating Station.

C. References

1. Pennsylvania Emergency Management Services Act of 1978, P. L. 1332.
2. Berks County Radiological Emergency Response Plan, Annex N, School Services.
3. Commonwealth of Pennsylvania, Disaster Operations Plan, Annex E, Fixed Nuclear Facility Incidents, Appendix 11, Schools and Colleges Emergency Plans, 1981, with changes.
4. School Emergency Planning Guide, Pennsylvania Department of Education, 1980.
5. Resolution (# _____) of the Boyertown Area School District Board of Education, _____, 1984 (reference Page ii of this Plan).
6. Boyertown Area School District Emergency Management (Disaster) Plan, 19____, as amended.
7. 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.

D. Definitions

1. Access Control Point (ACP) - Those points manned primarily by State or local police, augmented when necessary by the National Guard, established around all roads leading into an evacuated

area, or an area where occupants are taking shelter, for the purpose of controlling access into the area.

2. Amateur Radio- Licensed volunteer radio amateur communications personnel affiliated with county emergency management organization. (Such organizations include Amateur Radio Emergency Service (ARES), Radio Amateur Civil Emergency Services (RACES), 4 Wheel Drive Clubs for Emergency Services, Civil Defense/Citizens Band, and Radio Emergency Action Teams (REACT).
3. Central Resource Receiving Point - A predesignated location outside the plume exposure pathway EPZ, suitable for the reception and distribution of supplies and equipment.
4. Emergency Broadcast System (EBS) Announcements - Official announcements made at the county level for the specific purpose of providing instructions or directions from the County Commissioners, or their designated official representative, to the permanent and transient residents of the county. Announcements are made over the legally designated EBS network. EBS announcements at the State level are made only when they are applicable statewide. Priorities for EBS announcements are specified in law; first priority to the Federal government, second priority to county governments, and third priority to state governments. Restriction on use of EBS announcements does not preclude appropriate use of newspapers, radio and television for public information statements.
5. Emergency Management - The judicious planning, assignment and coordination of all available resources in an integrated program of prevention, mitigation, preparedness, response and recovery for emergencies of any kind, whether from enemy attack, man-made or natural sources. (May be termed Emergency Preparedness.)
6. Emergency Operations Center (EOC) - A facility used by state, county or municipal governments from which to direct operations in the event of an emergency.
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: (1) whole body external exposure to gamma radiation from the plume and from deposited materials, and (2) 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. Host School - Predetermined schools outside the plume exposure pathway EPZ to which risk school students are evacuated, at which they remain under risk school officials' supervision, until they are picked up by their parents or legal guardians. Students residing in the plume exposure pathway EPZ and attending school outside will be held for pick-up at the school they attend.
9. Incident - An event or condition at a nuclear facility which could result in impact on public health and safety. Four emergency incident levels have been developed to facilitate planning for response to nuclear incidents:
- a. Unusual Events - 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 EPZ protective action guideline exposure levels except near the facility 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 boundaries.
10. Main Evacuation Routes - Those roadways identified in state and risk county plans as the principal routes leading from the plume exposure pathway EPZ for use by vehicles in the event of an

incident requiring evacuation. Traffic control points will be manned by the Pennsylvania State Police to expedite traffic movement.

11. Mass Care Center - Fixed facilities suitable for providing emergency lodging for victims of a disaster left temporarily homeless. Feeding may be done within a mass care center (in suitable dining facilities) or nearby.
12. Mobilize - The act of bringing a staff or agency to the strength required to accomplish its mission; including the repositioning or movement of equipment or personnel.
13. Municipality - For the purposes of this plan, the terms "municipality" or "municipal government" are defined or referring, singularly or collectively, to cities, boroughs, townships and incorporated towns within the Commonwealth of Pennsylvania.
14. Parent County - The county in which the nuclear facility is physically located.
15. Projected Dose - An estimate of the radiation dose which affected individuals could potentially receive if protective actions are not taken.
16. 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, during and following the passage of the radioactive plume.
 - b. General Evacuation - The evacuation of the entire population within a specified geographic area.
 - c. Selective Evacuation - The evacuation of specific elements of the population, such as pregnant women, pre-school children or the infirm.
17. Public Information Statements - Public announcements made by PEMA or county official spokespersons via newspaper, radio or television to explain government actions being taken to protect the public in event of any public emergency. The purpose of the announcement is to provide accurate information, prevent panic and counteract misinformation and rumors. Reference to the emergency incident itself will be made only in the context of the reasons for governmental actions, and not to provide detailed information about it.
18. Radiological Emergency Response Plans (RERP) - Detailed response plans developed by the state and its agencies, county and municipal emergency management agencies, school districts, etc. in coordination with PEMA and the fixed nuclear facility.

19. 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.
20. Risk County - A county located within the plume exposure pathway EPZ of a nuclear facility.
21. Risk School District/Building - A school district or public or non-profit private school building located partially or wholly within the plume exposure pathway EPZ of a fixed nuclear facility.
22. School Services Officer - An individual appointed by the County who ensures the coordination of risk school district plans for protective response and coordinates the alert/notification and resource requirements of risk schools at the time of the emergency incident. This individual provides staff assistance to the County EOC and operates under the direction and control of the Berks County Emergency Management Agency Director.
23. Standby Status - The term used to describe state of readiness. Standard operating procedures have been reviewed; materiel, 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.
24. 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.
25. Traffic Control Points (TCP) - Those points established at critical road intersections for the purpose of controlling or limiting traffic.
26. Transportation Providers - Owners/operators, district vehicles and drivers and/or contract transportation resources provided for routine (bus) movement of students, and any special transportation resource provided during emergency conditions.
27. Unmet Needs - Capabilities and/or resources required to support emergency operations neither available nor provided for at the respective levels of government or by the District.

E. Objectives of the Plan

The plan is presented to:

1. Clarify lines of authority and establish responsibilities for the protection of school students and staff.

2. Ensure that planned actions are in consonance with Municipal, County and State RERP's.
3. Identify necessary resources and required personnel to assure protective actions can be implemented for the Boyertown Area School District.
4. Provide the basis for orientation of school staff, students and parents/guardians regarding appropriate actions during fixed facility nuclear incidents.

II. BASIC PLAN

A. General

Because thirteen school districts and numerous private/parochial schools are found within the 10-mile plume exposure pathway EPZ of the Limerick Generating Station, all of which might be expected to implement their respective RERP's simultaneously, the safety of the school population can best be served through an emergency plan that is in consonance among all districts and schools, as well as with the risk county plans. Accordingly, the Boyertown Area School District RERP has been developed in such a manner that it will function harmoniously with other plans.

This plan is designed to protect school students while attending any school function, including extracurricular activities, special events or any function sponsored by the school.

B. Direction and Coordination

1. The Superintendent of Schools shall exercise all authority granted in accordance with the policies set forth by the School Board and the laws of the Commonwealth of Pennsylvania.
2. The Superintendent of Schools is responsible for all school emergency plans and procedures assuring the safety of students and staff in the event of an incident at the Limerick Generating Station.
3. Non-profit private schools within the territory covered by the Boyertown Area School District come under the school district for planning, notification and coordination of transportation resources.
4. The Superintendent coordinates with the Berks County Emergency Management Agency for protective response to include the direction and control of evacuation and/or sheltering of students and staff; and for the cancellation of school or special activities.
5. All students, school buildings, school equipment, staff and district contracts will remain under the supervision and control the the Superintendent of Schools. The District Administration

Office will serve as the interfacing point in providing for administration, information/resource exchange, and management of school services.

6. Building Principals are responsible to the Superintendent for school building emergency plans, the coordination of protective action within the school building, and for the safety of students and staff in the event of incident at the Limerick Generating Station.
7. Host school services furnished by the Kutztown Area School District and Kutztown University shall be under the operational control of these supporting host school facilities.
8. Because of the multi-district scope of a radiological emergency, the need for centralized coordination of emergency response personnel and resources becomes essential. For the purposes of this Plan, therefore, Berks County shall exercise responsibility for coordination and support.
9. The Berks County Radiological Emergency Response Plan, to which this document shall be annexed, shall govern implementation of the District RERP.
10. Coordination between the Counties involved shall be accomplished by the Pennsylvania Emergency Management Agency (PEMA) and be governed by the Commonwealth of Pennsylvania, Disaster Operations Plan, Annex E, Fixed Nuclear Facility Incidents.
11. School is in session during regular classroom hours (semesters; summer sessions; evening classes); when the authorized school calendar applies; when students are involved in regular school-sponsored activities/events; or when students occupy school facilities under school supervision.*
12. School not in session refers to after hours during the time of the authorized school calendar (regular and summer school terms). Special activities during vacation periods will be included if school facilities are occupied by individuals or groups not authorized/sponsored by the School (District).
13. This plan does not apply during vacation periods or when all school facilities are closed for extended periods. Decisions to extend vacations, etc., are implemented utilizing procedures for school not in session. All actions will be coordinated through the Berks County EMA.
14. Students refer to individuals in grades Kindergarten (K) to Twelve (12) authorized pre-school program(s) or special education activities.

* A copy of the school calendar is attached (reference Attachment 8)

15. In no case will students be dismissed to their own care if protective action is imminent. School officials will remain responsible for student safety until parents/guardians can assume responsibility.

C. District Organization

An Organizational Chart for the Boyertown Area School District is provided in Attachment 6.

D. Fixed Nuclear Facility Incident Situation

1. All incidents occurring at the Limerick Generating Station will be classified according to the emergency action levels: Unusual Event, Alert, Site Emergency, General Emergency.
2. A fixed nuclear facility incident could occur during school hours and result in the disruption of school services for an extended period of time.
3. County officials and school administration will initiate protective actions including all those actions considered for the general population, requiring students and staff to either initiate sheltering actions or evacuate directly to designated host schools.

E. Alert/Notification System

1. Berks County EMA and the District will maintain an alert/notification procedure and a primary and backup telecommunications system to provide for alert/notification and information exchange during a fixed nuclear facility incident. The telecommunications system includes telephones located at the District Administrative Office (and each school building principal's office). A description of the notification system is provided in the Berks County Radiological Emergency Response Plan, Annex C, Alert/ Notification. In the event of breakdown of telephone service, the Berks County EMA will provide for a RACES representative to supply communications, as available and if needed, at the School District Office.

2. School District Superintendent

In the event of an incident at the Limerick Generating Station, the Superintendent will be notified by the County School Services Officer from the Berks County EOC. The Pennsylvania Department of Education (PDE) may confirm notification of school Superintendents for the purpose of redundancy.

3. School Building Principals

When school is not in session, public and non-profit private school building principals will be notified by the Superintendent.

When school is in session, public and non-profit private school building principals will be notified by the Superintendent or the County School Services Officer from the Berks County EUC, should the Superintendent or his designee be unavailable.

4. Public

- a. The public will be alerted through the alert/notification system as activated by Berks County. A detailed description of the public alert system is contained in the Berks County Radiological Emergency Response Plan, Appendix C-1 to Annex C, Alert/Notification.
- b. To assure coverage, personnel and equipment from the County (Fire Departments) will be dispatched by the County EOC to supplement this alerting procedure, should the primary system fail.
- c. The public alert system may be activated during Alert, Site Emergency or General Emergency when (a) there is significant information that will reassure the public of their safety; (b) the public is to be informed of plant status that may lead them to implement specific actions on their own; or (c) specific actions (to include protective actions) are to be taken by the public. (It will be activated in the event of a General Emergency.)
- d. Detailed instructions for protective actions will be made through the Emergency Broadcast System (EBS). A school evacuation EBS message has been prepared (reference Attachment b).

5. Parents/Legal Guardians

- a. Parents/legal guardians will be notified of pre-evacuation school closing and reopening utilizing the normal Boyertown Area School District media procedures - unless preempted by public alert/notification procedures and/or an EBS announcement outlining school evacuation. Parental notifications will be coordinated with Berks County EMA.
- b. Informational materials regarding plans for the protection of school students in the event of an incident at the Limerick Generating Station, descriptive of: 1) school closure, 2) evacuation procedures and 3) appropriate parent/guardian response, have been developed for distribution to parents/guardians as a cooperative effort of the Berks County Emergency Management Agency, Boyertown Area School District and PEMA/PDE.

F. School Closing/Cancellation of Events/Early Dismissal

1. If an evacuation becomes imminent while school is not in session, a decision will be made to keep schools closed. The

decision will be made based on a recommendation made by PEMA/PDE, and received from the Berks County EMA. The target times for receipt of PEMA/PDE recommendations are 11 p.m. and/or 6 a.m. The recommendations will be prior to 6 a.m. to allow time for appropriate notifications. Parents/guardians and staff will be notified utilizing regular District procedures for school closing announcements. Note: Consideration for the closing of school may be made at Site and General Emergency. All schools in the District will be closed, not just those in the EPZ.

2. School special activities, extracurricular events, sports contests, competitions, club meetings, class trips, etc. will be cancelled/terminated during Alert, Site Emergency, and General Emergency and resumed only at the termination of incident classification or reduction to Unusual Event.
3. Schools in session will not send children home early should an evacuation appear imminent or be in progress. Regular dismissal policy/transportation routes will be in effect unless preempted by parental notification from the District/County after a protective action recommendation from Berks County.

G. Evacuation Concepts

1. Protective Action Option

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.

2. Authorization and Control

- a. The Governor, or his constitutionally designated successor, has the sole authority and responsibility for directing and compelling a selective or general evacuation.
- b. Elected county or municipal officials in authority may recommend an evacuation for their respective jurisdictions.
- c. PEMA has the primary responsibility for directing and controlling an evacuation order made by the Governor.
- d. A decision to evacuate risk municipalities (including school districts) will be made by PEMA and the decision will be announced by PEMA through Berks County Emergency Management Channels to school districts and building principals. (Note: The Pennsylvania Department of Education may notify District Superintendents for purpose of redundancy and municipal EMA Coordinators will confirm notification of building principals in their municipality.)
- e. The Boyertown Area School District has the authority to close schools at its discretion. During a fixed nuclear facility incident, the Berks County Emergency Management

Agency will be kept informed of decisions to close school or have the schools remain closed; as the Berks County EMA will coordinate school closings among all districts/schools and dispatch/provide needed transportation in the event of a need to evacuate. Schools will not be closed if in session.

3. Logistics of Evacuation

- a. If school evacuation is required, students located within the EPZ will be bussed directly to host schools, to await pick-up by parent or guardian. Host schools for the Boyertown Area School District are the Kutztown Area School District and Kutztown University; host school for the Montessori Academy of Pennsylvania is the Kutztown Area School District; host school for the Lincoln School is Kutztown University; host school for the Pine Forge Academy and S.D.A. Elementary School is Blue Mountain Academy; host school for the Wayside Christian School is the School Administrator's home.
- b. Transportation to host schools will be provided for all public, and non-profit private school students. Students will not be expected to utilize personal vehicles during evacuation. District policy for the use of private/student vehicles will apply.
- c. Sufficient transportation will be provided to move all students inside the EPZ in one lift. District transportation resources will be provided giving priority to schools nearest the Limerick Generating Station. Students will be moved to host schools as soon as transportation resources are available after evacuation is ordered.
- d. School faculty/staff will accompany evacuated students to designated host schools in the buses or in their private vehicles, as available, and remain with students until they are picked up by parents/legal guardians in accordance with District policy for student pick-up.
- e. When the school attended is outside the plume exposure pathway EPZ and parents' homes are inside the plume exposure pathway EPZ, students will remain at the school they attend until picked up by parents or legal guardians.
- f. Students may be picked up by parent, legal guardian or designate, as authorized in writing, (reference Attachment 4) and in accordance with District policy.
- g. Should student pick-up extend beyond 8 p.m., remaining students may be bused to a designated location Kutztown Senior High School (i.e., mass care center) to be fed, properly housed and await pick-up. A notice will be posted to remind parents/guardians and direct them to the appropriate location, should any movement occur.

4. Evacuation Support

- a. State, county and municipal KERP's offer detailed plans to provide for evacuation routes, traffic control points manned by police, roadway clearance, access control points, security, and emergency fuel supply.
- b. Specific agreements have been developed with the designated school facilities to act as a host school facilities.
- c. Specific materials have been developed to provide parents/guardians a detailed description of school evacuation procedures/host school locations. (reference Attachment 4)

b. Evacuation Resources *

- a. Boyertown Area School District transportation vehicles (buses, vans, etc.) and contracted vehicles* are provided for priority use by the District to transport students/staff to host schools. Assignment of vehicles is detailed in Attachments 2 and 3.
- b. Additional resources required will be planned for and provided through Berks County EMA, and are detailed in Attachments 2 and 3.
- c. Sufficient transportation resources have been provided to move all students requiring evacuation at one time.
- d. Upon completion of school evacuation assignments, District/contract vehicles will be provided to Berks County EMA for mutual aid assignment during evacuation, with the consent of the contractor, Quigley Bus Service.
- e. District/contract vehicles will be assigned, as appropriate, to bus students from host schools to the designated mass care center Kutztown Senior High School (at 8 p.m.) for feeding and sheltering, as provided for in this plan.
- f. Traffic control at the Kutztown University host school will be provided by KU Campus Security officers. *
- g. Traffic control at the entrance to Kutztown University, and at the Kutztown School District host school buildings, will be provided by the Kutztown Borough Police Department. *
- h. A pool of 30 to 40 Berks County Sheriff's Department deputies, as well as a number of local fire police organizations, are available as backup or supplemental traffic control personnel. *

*Reference Attachment 7 for a copy of the District Transportation Contract.

H. Continuity of School Administration

1. In the event of a general evacuation, the Boyertown Area School District shall transact required business at an alternate administrative office outside the EPZ, located at the Washington Elementary School.
2. School building principals will notify the District Superintendent of their evacuation location and provide a means for 24 hour per day contact.
3. The Superintendent will notify the Berks County EMA School Services Officer of his evacuation location, when not at the alternate administrative office.
4. The Superintendent of Schools shall assure uninterrupted coverage of the District administrative functions defined herein, including:
 - a. The Superintendent will designate and train two (2) alternates to function in his absence.
 - b. Each school building principal will designate and train two (2) alternates to function in their absence.
 - c. Rosters including methods of contact, telephone numbers, etc. are provided in Attachments 1 and 2.

I. Reentry and Recovery

1. Reentry may be authorized by the Governor upon determination by the PA Bureau of Radiation Protection (BRP) that it is safe.
2. Berks County EMA will notify the Superintendent in advance of any reentry operations and coordinate the return of evacuees to the evacuated area.
3. The Superintendent and each respective school principal, or their designated representatives, shall:
 - a. Return and inspect each local school building
 - b. Reestablish safety and security services
 - c. Report damage caused by evacuation and reentry, as well as costs of support operations.
 - d. Provide for necessary repair/resupply.
4. The Superintendent shall determine the date to reopen the District schools, notifying the Berks County EMA Director, who will coordinate with other schools and PEMA.

- b. Parents/guardians and students will be notified of the date of reopening utilizing normal District procedures for school announcements. Announcements will also be published in all major newspapers circulated in the District's territory.

J. Mutual Aid/Requests for Assistance

1. The Superintendent, assisted by the Berks County Emergency Management Agency, is responsible for establishing mutual aid agreements with other agencies deemed necessary to assist the schools to implement the District's Radiological Emergency Response Plan (RERP). Written agreements, as required, are maintained on file at the District and County EMA Offices. *
2. Prior to and during an incident, school building principals are responsible to determine unmet needs for each school building and notify the Superintendent of resource requirements. The Superintendent shall report unmet needs to the Berks County EMA (School Services Officer). Provision of unmet needs will be coordinated by the Berks County EMA.

K. Responsibilities

1. School District Superintendent.
 - a. Exercise authority for RERP planning/Board approval and protective actions/school closure under the authority provided by the Boyertown Area School District Board of Education.
 - b. Provide an alternate location for school administration in the event of evacuation and assure uninterrupted coverage.
 - c. Ensure that emergency actions planned or implemented are in conformance with the Berks County RERP.
 - d. Ensure that communications systems (radio and/or telephone) necessary for the successful implementation of this plan are available or will be provided by the Berks County EMA.
 - e. Develop and maintain any necessary Mutual Aid Agreements.
 - f. Determine unmet needs and inform the Berks County EMA.
 - g. Maintain expense records of personnel and resource utilization resulting from Plan implementation.
 - h. Upon reentry after evacuation, ascertain all resources needed to return the district/buildings to normal and report them to the County EMA.
 - i. Coordinate training for all District personnel utilized in the implementation of the Plan.

2. School Building Principals

- a. School building principals are responsible to the Superintendent to prepare and update individual school building emergency (disaster) procedures and to execute the procedures described herein.
- b. Determine unmet needs and inform the Superintendent.
- c. Maintain building expense records of personnel and resource utilization resulting from RERP implementation.
- d. Upon reentry after evacuation, assist the Superintendent to ascertain all resources needed to return the school building to normal.
- e. Coordinate training for all building staff utilized in the implementation of the RERP.
- f. Assure uninterrupted coverage of school building administration.

III. TRAINING/DRILLS/EXERCISES

- A. The Superintendent, assisted by the Berks County Emergency Management Agency, is responsible for providing radiological emergency response training to Boyertown Area District staff and faculty.
- B. School building principal(s) shall ensure that school emergency response personnel know their responsibilities.
- C. All drills and exercises related to the Limerick Generating Station will be coordinated through the Berks County EMA.

IV. PLAN MAINTENANCE AND DISTRIBUTION

A. Plan Maintenance

1. The Superintendent is responsible for ensuring the RERP is current, including the development and distribution of all changes, as well as accomplishing an annual review.
2. All changes to the RERP shall be : 1) coordinated through the Berks County Emergency Management Agency and, 2) be provided to each holder of the Plan.
3. All changes to the RERP which involve policy shall be approved by the Superintendent, and, as appropriate, the Boyertown Area School District Board of Education, after coordination with each affected building principal.
4. The change number and current date shall be placed on any page that is changed and all changes shall be recorded on the "Record of Changes" (page i).

B. Plan Distribution

1. Boyertown Area School District Board of Education (10 copies)
 2. Boyertown Area School District Superintendent (15 copies)
 3. Berks County EMA Director (2 copies)
 4. PEMA (1 copy)
 5. PDE (1 copy)
 6. Principals for each school building in the District (20 copies)
 7. Boyertown Area School District Transportation Coordinator (1 copy)
 8. Public Inspection Copy (1 copy)
 9. Boyertown Borough Municipal EMA Coordinator (1 copy)
 10. Upper Frederick Township EMA Coordinator (1 copy)
 11. New Hanover Township EMA Coordinator (1 copy)
 12. Douglass (Montgomery) Township EMA Coordinator (1 copy)
 13. Douglass (Berks) Township EMA Coordinator (1 copy)
 14. Colebrookdale Township EMA Coordinator (1 copy)
 15. Earl Township EMA Coordinator (1 copy)
 16. Washington Township EMA Coordinator (1 copy)
 17. Bechtelsville Borough EMA Coordinator (1 copy)
 18. Bally Borough EMA Coordinator (1 copy)
 19. Local police departments (1 copy)
 20. Kutztown Area School District; Host School (1 copy)
 21. Kutztown University; Host Facility (1 copy)
 22. Blue Mountain Academy; Host School (1 copy)
- TOTAL DISTRIBUTION: 65 copies.

* Staff identification removed

V. CONCEPT OF OPERATIONS - SCHOOL IN SESSION

A. Unusual Event (School in Session)

No actions required and Boyertown Area School District will not be notified of an Unusual Event.

B. Alert (School in Session)

1. School District Superintendent will, upon receipt of notification from the Berks County EMA (School Services Officer):

- a. Assure operation of appropriate school district telecommunications systems. Note: Contact Berks County Vo-Tech School East Center for mobile radios, if required, via Berks County EMA. (Tel: *
- b. Confirm notification of principals of school buildings located in the EPZ (reference Attachment 2).
- c. Notify school transportation providers to (reference Attachment 3):
 - (1) Place drivers on alert/standby.
 - (2) Inventory and ready transportation equipment.
 - (3) Review transportation assignments/maps.
 - (4) Fuel and maintain transportation vehicles.
 - (5) Provide for priority maintenance of vehicles.
 - (6) Report unserviceable vehicles to Superintendent.
- d. Order District-wide cancellation of:
 - (1) Special activities.
 - (2) Extracurricular events.
 - (3) Intramural/interscholastic sporting events.
 - (4) Competitions.
 - (5) Club meetings.
 - (6) Class trips.
 - (7) After school activities.
- e. Assure all schools covered by the school district plan are notified (reference Attachment 2).

- _____ f. Monitor EBS announcements, and as appropriate review parental notification statements with Berks County EMA (Tel: _____)
- _____ g. Receive redundant notification/confirmation from PDE, as applicable.
- 2. School building principals of schools located in the EPZ will, upon notification:
 - _____ a. Assure immediate update of student attendance and class rosters.
 - _____ b. Update rosters at 0830, 1130 and 1430.
 - _____ c. Report attendance to Superintendent three (3) times each day (0900, 1200, 1500). (Tel: _____)
 - _____ d. Cancel special activities ordered by Superintendent.
 - _____ e. Assure preparation of the building for sheltering, coordinating with school maintenance/security personnel:
 - (1) Fuel and test support systems.
 - (2) Review food service capabilities.
 - (3) Instruct staff to prepare shelter activities/equipment.
 - (4) Report unmet needs to the Superintendent. (Tel: _____)
 - _____ f. Request the school nurse to review special student medical supplies/needs and advise of any resource requirements.
 - _____ g. Review situation and RERP procedures with appropriate staff.
 - _____ h. Determine emergency staffing requirements for potential sheltering and/or evacuation.
 - _____ i. Implement procedures for parental pick-up of students.
 - (1) Distribute authorization for student pick-up records.
 - (2) Implement special entrance, parking lot and access road for parents to use.
 - (3) Assign administrative staff and to staff the entrance.
 - (4) Order authorization for student pick-up records to be completed and returned.

3. Principals of schools located outside the EPZ will, upon notification:

- ___ a. Update records of students living in the EPZ.
- ___ b. Cancel special activities as ordered by the Superintendent.
- ___ c. Assure preparation of the building to host students living in the EPZ until 8 p.m., coordinating with maintenance/security, food service and nursing personnel:
 - (1) Fuel and test support systems.
 - (2) Review food service capabilities.
 - (3) Instruct staff to prepare shelter activities/equipment.
 - (4) Inventory special student medical needs/supplies.
 - (b) Report unmet needs to the Superintendent. (Tel:)
- ___ d. Review situation and RERP procedures with appropriate staff.
- ___ e. Determine emergency staffing requirements.

C. Site Emergency (School in Session)

- 1. School District Superintendents will, upon receipt of notification from the Berks County EMA (School Services Officer):
 - ___ a. Complete all procedures outlined for Alert, confirming the notification of principals of all schools in the EPZ (reference Attachment 2).
 - ___ b. Report to the District administrative office.
 - ___ c. Further notify school transportation providers to (reference Attachment 3):
 - (1) Prepare buses/vehicles for evacuation.
 - (2) Priority repair out-of-service vehicles.
 - (3) Implement special procedures for bus driver commuting.
 - ___ d. Confirm host school building locations/evacuation routes (as provided by Berks County EMA) with building principals (reference Attachment 2).
 - ___ e. Authorize implementation of emergency staffing including dismissal of pregnant staff/single parents, as appropriate.
 - ___ f. Report unmet needs to County School Services Officer. (Tel:)

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- ___ g. Assure all schools covered by the school district plan are notified (reference Attachment 2).
- ___ h. Receive redundant notification/confirmation from PDE, as applicable.
- ___ i. Monitor EBS announcements, and as appropriate review parental notification statements with Berks County EMA (Tel:)
- ___ j. Direct cafeteria staff at Boyertown Elementary School to provide extra food supplies to the Lincoln School. (Tel:)

2. School building principals of schools located in the EPZ will, upon notification:

- ___ a. Complete all procedures outlined for Alert.
- ___ b. Confirm resources necessary for sheltering, reporting unmet needs to Superintendent (coordinate with maintenance/security, food service and nursing personnel). (Tel:)
- ___ c. Assure distribution of authorization for student pick-up forms and other supplies.
- ___ d. Initiate emergency staffing and excuse/dismiss staff as ordered by Superintendent.

3. Principals of schools located outside the EPZ will, upon notification:

- ___ a. Complete all procedures outlined for Alert.
- ___ b. Confirm resources necessary for holding students at the school, reporting unmet needs to Superintendent (coordinate with maintenance/security, food service and nursing personnel). (Tel:)
- ___ c. Assure distribution of authorization for student pickup form and other supplies.

D. General Emergency (School in Session)

1. School District Superintendents will, upon receipt of notification from the Berks County EMA (School Services Officer):

- ___ a. Complete all procedures outlined for Alert and Site Emergency, confirming the notification of principals of all schools located in the EPZ (reference Attachment 2).
- ___ b. Order school transportation providers to mobilize for completion of preplanned assignments.

- c. Confirm positioning of buses/evacuation vehicles and assignment of RACES mobile units, reporting unmet transportation needs, received from building principals, to Berks County EMA. (Tel:) *
- d. Establish designated temporary District headquarters located at Washington Elementary School.
- e. Assure all schools covered by the school district plan are notified (reference Attachment 2).
- f. Monitor EBS announcements, (using AM radio), and review parental notification statements with Berks County EMA (Tel:) *
- g. Provide protective action recommendations to building principals.
- h. IF SHELTERING IS RECOMMENDED:
 - (1) Order students living in the EPZ, but attending schools outside the EPZ, to be retained and hosted at their own school, until dismissal is coordinated with the Berks County EMA.
 - (2) Coordinate sheltering of students attending school in the EPZ.
 - (3) At 8 p.m., coordinate with the Red Cross, if necessary, activities to establish mass care capability at the schools hosting students awaiting dismissal.
 - (4) Request that building principals reduce staff at host schools, as appropriate.
 - (5) Order suspension of shelter advisory by Berks County EMA and coordinate student dismissal with school building principals (Tel:) .
 - (6) Excuse building principals/staff upon completion of student pick-up or assignments.
 - (7) Receive records of student dismissal and remain in contact with Berks County EMA to provide information as required.
- i. IF EVACUATION IS RECOMMENDED:
 - (1) Order students living in the EPZ but attending schools outside the EPZ, to be retained and hosted at the school they attend. Coordinate dismissal schedule for non-EPZ students and arrange for notification of parents/guardians.

- (2) Order evacuation of schools in the EPZ, monitor evacuation process, reporting unmet needs to Berks County EMA and direct that bus/vehicle drivers completing evacuation assignments report to the Berks County EMA at Quigley Bus Garage - Rt. 100 - Bally staging area, if requested by Berks County EMA. All buses should, upon completion of assignment, report to Washington Elementary School for temporary parking.
- (3) Arrange for one (1) bus to shuttle drivers from Washington Elementary School into the EPZ (bus garage) to pick up their private vehicles.
- (4) Report student pick-up progress/problems every two (2) hours to Berks County EMA (Tel: _____) *
- (5) At 8 p.m., order closing of host schools and coordinate movement of students to designated mass care center, Kutztown High School.
- (6) Excuse building principals/staff upon completion of student pick-up or assignments.
- (7) Receive student evacuation records and remain in contact with Berks County EMA to provide census information as required. (Tel: _____) *
- J. Receive redundant notification/confirmation from PDE, as applicable.
- 2. School building principals of schools located in the EPZ will, upon notification:
 - a. Complete all procedures outlined for Alert and Site Emergency.
 - b. Immediately suspend any non-classroom special activities, practices, etc., not previously cancelled and recall students to campus or to a designated location outside the EPZ, as directed by the District Superintendent or Berks County Emergency Management Agency. (Tel: _____).
 - c. UPON RECOMMENDATION TO SHELTER:
 - (1) Notify all school faculty and staff.
 - (2) Ensure that all outside activities are terminated, and all personnel moved to predesignated shelter areas.
 - (3) Direct maintenance/security staff or assigned individuals to:
 - (a) Shut down heating/ventilation/air conditioning systems and close ducts receiving outside air.

- ___ (9) Assure administrative staff and maintenance supervisors prepare schools as they would for a regular weekend; closing all windows, locking doors, locking files, etc.
- ___ (10) Do not dismiss students into the EPZ.
- ___ (11) Cooperate with the Berks County EMA, Superintendent, and Red Cross to establish a mass care capability at the school, should the shelter advisory require.
- ___ (12) Upon receipt of suspension of shelter advisory, prepare students for delayed dismissal schedule - as during a normal school day.

d. UPON RECOMMENDATION TO EVACUATE:

- ___ (1) Notify all faculty and staff.
- ___ (2) If not sheltered, assure updated attendance.
- ___ (3) If in sheltering, students are to be reunited with their assigned faculty member and attendance updated.
- ___ (4) Non-cancelled special activities should be immediately terminated, student attendance taken and records completed.
- ___ (5) Initiate orderly movement of students to transportation vehicles and monitor loading and seating of students/staff.
- ___ (6) Provide drivers with maps to host schools/mass care centers, as required.
- ___ (7) Assure drivers accompanying students to special events (within EPZ or outside EPZ) receive directions to host school or designated mass care center Kutztown Senior High School, as appropriate.
- ___ (8) Assign staff to accompany students in each transportation vehicle.
- ___ (9) Direct unassigned staff to accompany buses in their private vehicles.
- ___ (10) Assure telecommunications capability of at least one (1) transportation vehicle assigned, or obtain from Berks County EMA a RACES mobile unit to accompany vehicles. (Tel: _____)
- ___ (11) Provide staff with appropriate attendance records and assure recording of students in each vehicle.

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- ____ (12) Supervise movement to host school, notifying Berks County EOC via telecommunications of progress/problems. (Tel: _____)
- ____ (13) Upon disembarking in an orderly fashion, verify student attendance and provide attendance records to appropriate staff.
- ____ (14) Assign staff to remain with students at host school until all students in staff's charge are picked up by parent/guardian or until relieved by other staff or instructed to leave.
- ____ (15) Provide staff authorization for student pick-up records and direct that student pick-up be recorded and completed lists/records be returned.
- ____ (16) Report status of student pick-up to Superintendent every two (2) hours. (Tel: _____)
- ____ (17) After 8 p.m. and students remain to be picked up by their parents or legal guardians and an order has been received from the Superintendent; assign staff and assist movement of students to designated mass care center, (Kutztown Senior High School).
 - ____ (a) Initiate orderly movement of students to mass care center.
 - ____ (b) Assure closing of host school facility.
 - ____ (c) Notify Superintendent/Berks County EMA of progress or problems.
 - ____ (d) Post notice of movement of students.
- ____ (18) Assure that staff record student pick-up and remain with students at designated mass care center until all students in staff's charge are picked up by parent/guardian, until relieved by other staff, instructed to leave, or assigned to other duty.
- ____ (19) Report completion of student pick-up to Superintendent and arrange to provide Superintendent pick-up/attendance records. (Tel: _____)
- ____ (20) Direct shuttle of bus drivers to the bus garage/EPZ to pick-up personnel vehicles, as directed by Superintendent.
- ____ (21) Excuse remaining staff and provide Superintendent a means of future contact - for receipt of reentry orders. (Tel: _____)

*

3. Principals of schools located outside the EPZ will, upon notification:

___ a. Complete all actions listed for Alert and Site Emergency.

___ b. Immediately suspend any non-classroom special activities, practices, etc., not previously cancelled and recall students to campus.

c. UPON RECOMMENDATION TO SHELTER:

___ (1) Do not dismiss students into the EPZ.

___ (2) Dismiss students living outside the EPZ only as directed by the Superintendent.

___ (3) Direct food service personnel to prepare food/snacks for an 8 p.m. schedule.

___ (4) Direct staff to assemble students living in the EPZ in a designated area and provide for after classroom activities. Provide authorization for student pick-up forms to appropriate staff.

___ (5) Assure recording of all student pick-up.

___ (6) Cooperate with the Berks County EMA, Superintendent, and Red Cross to establish a mass care capability at the school, should the sheltering advisory extend beyond 8 p.m.

d. UPON RECOMMENDATION TO EVACUATE

___ (1) Do not dismiss students into the EPZ.

___ (2) Hold students living outside the EPZ at the school and dismiss upon order from the Superintendent and when transportation resources completing EPZ evacuation assignments are available.

___ (3) Direct food service personnel to prepare food/snacks, and the school nurse to prepare any special medical supplies/needs/records, for an 8 p.m. schedule.

___ (4) Direct staff to assemble students living in the EPZ in a designated area, providing for after classroom activities, holding students for parent/guardian pick-up.

___ (5) Assure staff remain with students until all students are dismissed or picked up by parent/guardian and record student pick-up, until relieved by other staff, or instructed to leave.

___ (6) Provide staff authorization for pick-up records, and direct that completed lists/records be returned.

- ___ (7) Report status of student pick-up to Superintendent every two (2) hours (Tel: _____)
- ___ (8) Assure administrative staff and maintenance/security personnel prepare school as they would for a regular weekend, closing all windows, locking doors, locking files, etc. Note: Washington Elementary School prepares to receive buses for temporary parking.
- (9) At 8 p.m., and upon order from Superintendent:
 - ___ (a) Assign staff to accompany remaining students to designated mass care center, Kutztown Senior High School.
 - ___ (b) Initiate orderly movement to transportation vehicles.
 - ___ (c) Assure securing of facility.
 - ___ (d) Post notice of movement to mass care center.
- ___ (10) Proceed to Kutztown Senior High School (mass care center) and, upon disembarking in an orderly fashion, verify student attendance, and provide records to center personnel, as requested.
- ___ (11) Assign staff to remain with students until all students are picked-up, recording student pick-up.
- ___ (12) Report completion of student pick-up to Superintendent and arrange to provide appropriate records.
- ___ (13) Excuse remaining staff and provide Superintendent a means for future contact for reopening order.

E. Recovery/Reoccupation/Reopening of Schools (School in Session)

1. Berks County EMA (School Services Officer) will notify the Superintendent of the decision to reoccupy the evacuated area or reopen school.
2. The Superintendent will notify District building principals/officials and direct that buildings be inspected for reoccupation by the building principal and deficiencies reported to the Superintendent.
3. The Superintendent will report unmet needs to County School Services Officer, coordinate necessary repair/resupply and keep accurate records of costs incurred. (Tel: _____) *
4. The Superintendent will, based on information received from PEMA/PDE through Berks County EMA, decide to reopen District school(s) and communicate this decision to building principals (reference Attachment 2).

5. Parents/faculty/staff will be notified of the decision to reopen schools using normal media/information procedures, supplementing appropriate EBS notifications. Announcements will be published in appropriate newspapers circulated in the District's territory and parental announcements coordinated with Berks County EMA.
(Tel: *
6. Superintendent will monitor daily attendance at reopened schools until attendance returns to pre-incident levels, providing summary attendance reports to the Berks County EMA.
(Tel: 374-4800). *

VI. CONCEPT OF OPERATIONS - SCHOOL NOT IN SESSION

A. Unusual Event (School not in Session)

No actions required and alert/notification of Boyertown Area School District officials not expected.

B. Alert (School not in Session)

1. School District Superintendent will, upon receipt of notification from the Berks County EMA:

- ___ a. Assure telecommunications system is operating.
- ___ b. Confirm notification of school principals located in the EPZ and brief school building principals (reference Attachment 2).
- ___ c. Order District wide cancellation of:
 - (1) Special activities
 - (2) Extracurricular events
 - (3) Intramural/interscholastic sporting events
 - (4) Competitions
 - (5) Club meetings
 - (6) Class trips
 - (7) After school activities
- ___ d. Assure all schools covered by the school district plan are notified (reference Attachment 2).
- ___ e. Monitor EBS announcements, and review parental notification statements with Berks County EMA (Tel:).
- ___ f. Receive redundant notification/confirmation from PUE, as applicable.

2. School building principals of schools located in the EPZ will, upon receipt of notification:

- ___ a. Cancel/terminate special activities ordered by Superintendent.
- ___ b. Review RERP procedures.
- ___ c. Notify any groups or individuals occupying the school building, requesting that all non district employees vacate the building.

3. Principals of schools located outside the EPZ will, upon receipt of notification, cancel/terminate special activities as ordered by the Superintendent.

C. Site Emergency (School not in Session)

1. Complete all procedures outlined for Alert.
2. A recommendation to close schools or keep schools closed will be made by PEMA/PDE and be provided to Superintendents through Berks County EMA; and will be targeted for receipt by 11 p.m. and/or 6 a.m.
3. The Superintendent will, upon request of notification from Berks County EMA:
 - a. Implement the recommendation to close, notifying parents/guardians and staff utilizing normal District procedures, supplementing appropriate EBS announcements.
 - b. Confirm the notification of all school building principals located in the EPZ, implementing the decision to close or keep schools closed, and brief them of the situation (reference Attachment 2).
 - c. Assure all schools covered by the school district plan are notified, implementing the decision to close or keep schools closed (reference Attachment 2).
 - d. Receive redundant notification from PDE, as applicable.
 - e. Monitor, EBS announcements, and review parental notification statements with Berks County EMA (Tel: _____) *
4. School building Principals of schools located in the EPZ will, upon receipt of notification:
 - a. Provide the Superintendent their personal (evacuation) location and means of contact and assure that their own building is secured and vacated; immediately canceling any activities. (Tel: _____)
 - b. Notify key faculty department heads and supervisors of the cancellation and direct notification of faculty/staff.
5. Principals of schools located outside the EPZ will, upon receipt of notification:
 - a. Provide the Superintendent their personal (evacuation) location and means of contact and assure that their own building is secured and vacated; immediately canceling any activities. (Tel: _____)

- _____ b. Notify key faculty department heads and supervisors of the cancellation and direct notification of faculty/staff.

U. General Emergency (School not in Session)

1. Complete all procedures outlined for Alert and Site Emergency.
2. A decision to keep schools closed will be made by the Governor/PEMA/PDE/the County and be provided to Superintendents through Berks County EMA; and will be targeted for receipt by 11 p.m. and/or 6 a.m.
3. The Superintendent will, upon receipt of notification from Berks County EMA:
 - _____ a. Establish designated temporary District headquarters, located at (Washington Elementary School).
 - _____ b. Confirm the notification of school building principals located in the EPZ (reference Attachment 2) and implement the decision to close or keep school closed.
 - _____ c. Assure all schools covered by the school district plan are notified (reference Attachment 2).
 - _____ d. Receive redundant notification from PUE, as applicable.
 - _____ e. Monitor EBS announcements, and review parental notification statements with Berks County EMA (Tel: _____) *
4. School Building principals of schools located in the EPZ will, upon receipt of notification:
 - _____ a. Assure notification of faculty/staff/drivers accompanying students to special events (inside/outside the EPZ) to terminate activity and provide instructions/routes to designated mass care center (Kutztown Senior High School) should evacuation be ordered; or to a designated location outside the EPZ, should sheltering be in effect.
 - _____ b. Assign appropriate staff to supervise students, as needed.
5. Principals of schools located outside the EPZ will, upon receipt of notification:
 - _____ a. Assure notification of faculty/staff/drivers accompanying students to special events (inside/outside the EPZ) to terminate activity and provide instructions to designated mass care center (Kutztown Senior High School) should evacuation be ordered; or to a designated location outside the EPZ, should sheltering be in effect.
 - _____ b. Assign appropriate staff to supervise students at the designated location/school, as needed.

E. Recovery/Reoccupation/Reopening of School (School not in session)

1. Berks County EMA (School Services Officer) will notify the Superintendent of the decision to reoccupy the evacuated area or open school.
2. The Superintendent will direct that District buildings be inspected for reoccupation by the building principal and deficiencies reported to the Superintendent.
3. The Superintendent will report unmet needs to the County School Services Officer, coordinate necessary repair/resupply and keep accurate records of costs incurred. (Tel: *
4. The Superintendent will, based on information received from PEMA/PDE through Berks County EMA, decide to reopen District school(s) and communicate this decision to building principals (reference Attachment 2).
5. Parents/faculty/staff will be notified of the decision to reopen schools using normal media/information procedures, supplementing appropriate EBS announcements. Announcements will be published in appropriate newspapers circulated in the District's territory and parental notifications coordinated with Berks County EMA. (Tel: *
6. Superintendent will monitor daily attendance at reopened schools until attendance returns to pre-incident levels, providing summary attendance reports to the Berks County EMA. (Tel: 374-4800) *

VII. SCHOOL DISTRICT PROFILE

- A. A profile of the Boyertown Area School District is shown in Attachment 1 "School District Profile Form" and Attachment 2 "School Building Profile Form" for each school in the District.
- B. All completed forms and will be reviewed for District use and updated annually, within twenty-five days of the beginning of each school term.
- C. Copies of all completed forms are filed by the Boyertown Area School District Superintendent for retention and District use:

Dr. James R. Replogle, Superintendent
Education Center
Boyertown Area School District
Boyertown, PA 19512

Attention: Ruth G. Webster

- D. Duplicates of all Profile Forms are filed with:
 - 1. Pennsylvania Department of Education
 - 2. Boyertown Area School District Transportation Department
c/o Richard B. Seidel
Supportive Services Center
Boyertown Area School District
1131 Montgomery Avenue
Boyertown, PA 19512
 - 3. Berks County Emergency Management Agency
c/o Robert L. Reber, Director
Berks County Agricultural Center
R. D. #1
Leesport, PA 19533
 - 4. Berks County Intermediate Unit
c/o Dr. Francis R. Dietrich
2900 St. Lawrence Avenue
Box 4097
Reading, PA 19606
- E. Resource material will be provided to all holders of the Boyertown Area School District RERP on an annual basis only, as deemed appropriate by the Superintendent.

VIII. RESOURCE REQUIREMENTS FOR EVACUATION

- A. Protective Action "Resource Requirements Profiles" are shown in Attachment 3.
- B. The Profiles will be reviewed for District use, and updated annually, within twenty-five days of the beginning of each school term.
- C. Copies of all completed profiles will be filed by the Boyertown Area School District Superintendent, for retention and District use.

Dr. James R. Replogle, Superintendent
Education Center
Boyertown Area School District
Boyertown, PA 19512

- D. Duplicates of all Resource/Profile Forms are filed with:
 - 1. Pennsylvania Department of Education
 - 2. Boyertown Area School District Transportation Department
c/o Richard B. Seidel
Supportive Services Center
Boyertown Area School District
1131 Montgomery Avenue
Boyertown, PA 19512
 - 3. Berks County Emergency Management Agency
c/o Robert L. Reber, Director
Berks County Agricultural Center
R. D. 1
Leesport, PA 19533
 - 4. Berks County Intermediate Unit
c/o Dr. Francis R. Dietrich
2900 St. Lawrence Avenue
Box 4097
Reading, PA 19606
- E. Profile material will be provided to all holders of the Boyertown Area School District RERP on an annual basis only, as deemed appropriate by the Superintendent.

ATTACHMENT 1

SCHOOL DISTRICT PROFILE FORM

District: Boyertown Area

School Year: 1984 - 1985

Schools:

	<u>Public</u>	<u>Parochial</u>	<u>Non-Profit Private</u>	<u>Total</u>
Primary	<u>7</u>	<u>3</u>	<u>1</u>	<u>11</u>
Middle	<u>2</u>	<u></u>	<u></u>	<u>2</u>
Secondary	<u>1</u>	<u>1</u>	<u></u>	<u>2</u>
Vo-Tech	<u>-</u>	<u></u>	<u></u>	<u></u>
Other	<u>1</u>	<u></u>	<u></u>	<u>1</u>

Enrollment: Public Only

	<u>Grade</u>	<u>General</u>	<u>Students Sp. Ed.</u>	<u>I. U. Other</u>	<u>Total</u>	<u>Faculty</u>	<u>Other Staff</u>
K	389		--	--			
1	390		--	--			
2	378		--	--			
3	309		--	--			
4	414		--	--			
5	387		--	--			
6	412		26	78			
7	400		--	--			
8	456		--	--			
9	467		30	43			
10	509		--	--			
11	492		--	--			
12	408		57				
Other							
Total	5411	5411	113	121	5645	338	285

SCHOOL DISTRICT PROFILE FORM (CONT'D.)

<u>Name</u>	<u>Telephone/Pager</u>	<u>Address</u>
Key Staff:		
Superintendent: Dr. James R. Repogle		Gilbertsville, PA 19525
Relief/Designate (1):		
Relief/Designate (2):		
Asst. Superintendent: Dr. James S. Steber	--	Gilbertsville, PA 19512
Transportation Coordinator/ Supervisor	Richard Seidel	Boyertown, PA 19512

Buses Available for Routine District Use:

	<u># of Buses/ (Capacity)</u>	<u># of Vans/ (Capacity)</u>	<u># Handicapped Vans/ (Capacity)</u>	<u>= Cars/ (Capacity)</u>
1. Owned/operated by District	41(72) 2(48)	8(10)	1(25) 1(15)	2(5)
2. Contracted for by District	12(72)	-	-	-
3. Shared with other users	-	-	-	-
Total				

Other vehicles/capacity _____ Contractor: _____

Alternate Administrative Location: _____ (Washington Elementary School Tel: _____)

SCHOOL DISTRICT PROFILE FORM (CONT'D.)

Vans Assignments to Buildings for Radio Communications

Van #1 Education Center
#2 Washington Elementary
#4 Earl Elementary
#5 Supportive Services
#6 Spare

Additional Drivers

Judy Cost
Sally Geouque
Debra Houseknecht
Ronald McDonald
Robert Renninger
Thomas Ruppert
Elton Thompson

ATTACHMENT 2

SCHOOL BUILDING PROFILE FORM

School Name: Boyertown Area Senior High School

School Affiliation: Public Parochial Non-Profit Private
 Nursery Other _____
 (specify)

Address: Fourth and Monroe Streets
Boyertown, PA 19512

Telephone 367-6031

Location: In Boyertown at Fourth and EPZ: yes
Monroe Streets Municipality: Boyertown

Census: Year 1984-85 Term Fall

<u>Grade</u>	<u>Students</u>		<u>Faculty</u>
	<u>General/Sp. Ed.</u>		
<u>10</u>	<u>509</u>		<u>_____</u>
<u>11</u>	<u>492</u>	<u>57</u>	<u>102</u>
<u>12</u>	<u>408</u>		<u>_____</u>
<u>_____</u>	<u>_____</u>		<u>_____</u>
<u>_____</u>	<u>_____</u>		<u>_____</u>
<u>_____</u>	<u>_____</u>		<u>_____</u>
<u>_____</u>	<u>_____</u>		<u>_____</u>

Total Enrollment: 1409

Total Faculty: 102

Total Other Staff: 45

Key Staff: Name Telephone/Pager Address

Principal: Dr. Edwin Kuser Bechtelsville, PA 19505

Relief/Designate (1):

Relief/Designate (2):

SCHOOL BUILDING PROFILE FORM (CONT'D.)

Assistant Principals: William Davies Boyertown, PA 19512
Patrick Kelly Pottstown, PA 19464
Maintenance: Leonard Gresh Boyertown, PA 19512
Nurse: Lucille Strzelecki Boyertown, PA 19512

Buses Assigned for Evacuation*: C-1, C-3, C-6, C-32, C-9, C-10, C-11
C-33, C-13, C-14, C-15, C-39, C-19,
C-20, 4, 7, 8, 14, 37, 50
(Monroe St. Bus Loop)

Special Requirements for Evacuation*: Traffic Control for bus loading area
off Monroe St. (similar to routine
assignment for school dismissal

Special Requirements for RERP: Student class absences (cuts) to be
reported each period during radio-
logical emergency

Host School: (Kutztown University) Telephone: _____

Location: Keystone Hall

Evacuation Route(s): local roads to Rt.
73 West to Rt. 662N
to Rt. 222N

Mass Care Center: Kutztown Area Senior High School Telephone: _____

Location: Constitution Blvd. - Kutztown

Route(s): Constitution Blvd. Bus Assigned: _____

Student Pick-up: _____

* Obtain from "Resources Required for Evacuation" Form (Attachment 3)

SCHOOL BUILDING PROFILE FORM (CONT'D.)

Access Road: Madison St. Entrance

Entrance: GoldenBear Lobby to Main Office

**Parking Lot: Faculty parking lot

Staff: Secretaries

- **1) Consider using faculty cars to restrict access to bus driveway off Monroe St. nine (9) cars required.
- 2) Telephone to rooms for students.
- 3) Intercom not to be used.

ATTACHMENT 2

SCHOOL BUILDING PROFILE FORM

School Name: Boyertown Area Junior High East

School Affiliation: x Public Parochial Non-Profit Private
 Nursery Other
(specify)

Address: 2020 Big Road
Gilbertsville, PA 19525

Telephone 754-7831

Location: On Route 73 East of EPZ: yes
Boyertown Municipality: New Hanover

Census: Year 1984-85 Term Fall

<u>Grade</u>	<u>Students</u> <u>General/Sp. Ed.</u>	<u>Faculty</u>
<u>7</u>	<u>207</u>	<u> </u>
<u>8</u>	<u>256 29</u>	<u>70</u>
<u>9</u>	<u>247</u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>

Total Enrollment: 710

Total Faculty: 70

Total Other Staff: 32

<u>Key Staff:</u>	<u>Name</u>	<u>Telephone/Pager</u>	<u>Address</u>
Principal:	Richard Freed		Pennsburg, PA 18073
Relief/Designate (1):			
Relief/Designate (2):			
Assistant Principal:	Terry Musselman		Quakertown, PA 18951

SCHOOL BUILDING PROFILE FORM (CONT'D.)

Maintenance: Frank Walter
Gilbertsville, PA 19525

Nurse: Ruth Stauffer
Boyertown, PA 19512

Buses Assigned for Evacuation*: 18, 56, 34, 17, C-25, C-26, C-27,
C-28, C-29, C-30, C-31
(Parking lot at rear of building)

Special Requirements for Evacuation*:

Host School: (Kutztown University) Telephone: _____

Location: Keystone Hall

Evacuation Route(s): Local roads to Rt.
73 West to Rt. 662N
to Rt. 222N

Mass Care Center: Kutztown Area Senior High School Telephone: _____

Location: Constitution Blvd. - Kutztown

Route(s): Constitution Blvd. Bus Assigned: _____

Student Pick-up: _____

Access Road: Rt. 73

Entrance: Main Entrance to Office **Parking Lot: Driveway
in front of building.

Staff: Secretaries

- * Obtain from "Resources Required for Evacuation" Form (Attachment 3)
**1) Staff cars considered to restrict access to rear of building.
2) Telephone rooms for children.
3) Intercom available.

ATTACHMENT 2

SCHOOL BUILDING PROFILE FORM

School Name: Boyertown Area Junior High West

School Affiliation: Public Parochial Non-Profit Private
 Nursery Other _____
 (specify)

Address: South Madison Street
Boyertown, PA 19512

Telephone 367-6032

Location: South Madison Street in EPZ: yes
Boyertown Municipality: Colebrookdale

Census: Year 1984-85 Term Fall

<u>Grade</u>	<u>Students General/Sp. Ed.</u>	<u>Faculty</u>
<u>7</u>	<u>193</u>	<u>_____</u>
<u>8</u>	<u>200</u>	<u>44</u>
<u>9</u>	<u>220</u>	<u>_____</u>
<u>_____</u>	<u>_____</u>	<u>_____</u>
<u>_____</u>	<u>_____</u>	<u>_____</u>
<u>_____</u>	<u>_____</u>	<u>_____</u>
<u>_____</u>	<u>_____</u>	<u>_____</u>

Total Enrollment: 613

Total Faculty: 44

Total Other Staff: 23

Key Staff: Name Telephone/Pager Address
 Principal: Alan F. Fager Gilbertsville, PA 19525

Relief/Designate (1):

Relief/Designate (2):

Assistant Principal: Leslie A. King Boyertown, PA 19512

SCHOOL BUILDING PROFILE FORM (CONT'D.)

Maintenance: Gerald McCord Boyertown, PA 19512

Nurse: Ruth Stauffer Boyertown, PA 19512

Buses Assigned for Evacuation*: C-34, C-35, C-38, 1, 31, 49, 51,
52, 5, 30
(North Parking Lot)

Special Requirements for Evacuation*: Traffic control at Madison and Second
Sts. as during normal dismissal and
at school entrance on Second St. to N.
Parking Lot.

Host School: (Kutztown University) Telephone: _____

Location: Keystone Hall

Evacuation Route(s): Second St. to Rt.
73 West to Rt. 662N
to Rt. 222N

Mass Care Center: Kutztown Area Senior High School Telephone: _____

Location: Constitution Blvd. - Kutztown

Route(s): Constitution Blvd. Bus Assigned: _____

Student Pick-up: _____

Access Road: Madison St.

Entrance: Main Entrance to Office **Parking Lot: South Parking Lot

Staff: Secretaries

* Obtain from "Resources Required for Evacuation" Form (Attachment 3)

** 1) Chain is used to block access road in front of building and staff cars
to block Second St. entrance route to North Parking Lot.

2) Telephone rooms to get children.

3) Intercom available to individual rooms.

ATTACHMENT 2

SCHOOL BUILDING PROFILE FORM

School Name: Boyertown Elementary

School Affiliation: Public Parochial Non-Profit Private
 Nursery Other _____
 (specify)

Address: South Madison Street
Boyertown, PA 19512

Telephone 367-6034

Location: On South Madison in EPZ: yes
Boyertown Municipality: Colebrookdale

Census: Year 1984-85 Term Fall

<u>Grade</u>	<u>Students</u> <u>General/Sp. Ed.</u>	<u>Faculty</u>
<u>K</u>	<u>100</u>	<u>_____</u>
<u>1</u>	<u>93</u>	<u>_____</u>
<u>2</u>	<u>100 72</u>	<u>_____</u>
<u>3</u>	<u>54</u>	<u>36</u>
<u>4</u>	<u>121</u>	<u>_____</u>
<u>5</u>	<u>99</u>	<u>_____</u>
<u>6</u>	<u>114</u>	<u>_____</u>

Total Enrollment: $681 + 72 = 753$

Total Faculty: 36

Total Other Staff: 25

Key Staff: Name Telephone/Pager Address

Principal: Lee B. Moyer Gilbertsville, PA 19525

Relief/Designate (1):

Relief/Designate (2):

Assistant Principal:

SCHOOL BUILDING PROFILE FORM (CONT'D.)

Maintenance: Earl Clauser
Gilbertsville, PA 19525

Nurse: Ruberta Graver
Greshville Road
Boyertown, PA 19512

Buses Assigned for Evacuation*: 19, 42, 43, 3, 46, 44, 48, C-24, C-40
(Second St. Bus Loop)

Special Requirements for Evacuation*: Traffic control required on Second
St. as during normal school day dis-
missal (School entrance and Madison &
Second Streets)

Host School: (Kutztown Area J.H.S./Elem. School) Telephone: _____

Location: Constitution Blvd. - Kutztown

Evacuation Route(s): Second St. to Rt. 73 west to Rt. 662N
to Rt. 222N to Constitution Blvd.

Mass Care Center: kutztown Area Senior High School Telephone: _____

Location: Constitution Blvd. - Kutztown

Route(s): Constitution Blvd. Bus Assigned: _____

Student Pick-up: _____

Access Road: Second Street

Entrance: Kindergarten Entrance Parking Lot: Side Parking Lot

Staff: Secretaries to check students
on way out of building

Other: Provide extra food for Lincoln School, as directed by Superintendent.

* Obtain from "Resources Required for Evacuation" Form (Attachment 3)

**1) Staff assigned to Kindergarten entrance

2) Other entrances locked.

3) Consider staff cars to block bus driveway until buses arrive

ATTACHMENT 2

SCHOOL BUILDING PROFILE FORM

School Name: Colebrookdale Elementary

School Affiliation: Public Parochial Non-Profit Private
 Nursery Other _____
 (specify)

Address: New Berlinville, PA 19545

Telephone 367-6031

Location: On Montgomery Avenue of North EPZ: yes
Reading Avenue Municipality: Colebrookdale

Census: Year 1984-85 Term Fall

<u>Grade</u>	<u>Students</u> <u>General/Sp. Ed.</u>	<u>Faculty</u>
<u>K</u>	<u>45</u>	<u>_____</u>
<u>1</u>	<u>50</u>	<u>_____</u>
<u>2</u>	<u>53</u>	<u>_____</u>
<u>3</u>	<u>40</u>	<u>17</u>
<u>4</u>	<u>51</u>	<u>_____</u>
<u>5</u>	<u>56</u>	<u>_____</u>
<u>6</u>	<u>52</u>	<u>_____</u>

Total Enrollment: 347

Total Faculty: 17

Total Other Staff: 11

Key Staff: Name Telephone/Pager Address

Principal: Ruth Webster Pottstown, PA 19464

Relief/Designate (1):

Relief/Designate (2):

Assistant Principal:

SCHOOL BUILDING PROFILE FORM (CONT'D.)

Maintenance: Curtis Fronheiser : Gilbertsville, PA 19525

Nurse: Roberta Graver
Greshville Road
Boyertown, PA 19512

Buses Assigned for Evacuation*: 6, 11, 13, C-21, C-22
(Montgomery Ave. bus loop)

Special Requirements for Evacuation*:

Host School: (Kutztown Area J.H.S./Elem. School) Telephone: _____

Location: Constitution Blvd. - Kutztown

Evacuation Route(s): Local roads to Rt. 562S
to Rt. 73 West Rt. 662N
to Rt. 222N to Constitution
Blvd.

Mass Care Center: Kutztown Area Senior High School Telephone: _____

Location: Constitution Blvd. - Kutztown

Route(s): Constitution Blvd. Bus Assigned: _____

Student Pick-up: _____

Access Road: North Driveway off Montgomery Ave.

Entrance: Main Entrance to Office Parking Lot: North Parking Area

Staff: Secretary

* Obtain from "Resources Required for Evacuation" Form (Attachment 3)
** 1) Consideration may be given to using staff cars to block access to bus drive.
2) Intercom available.

ATTACHMENT 2

SCHOOL BUILDING PROFILE FORM

School Name: Gilbertsville Elementary

School Affiliation: Public Parochial Non-Profit Private
 Nursery Other _____
 (specify)

Address: Gilbertsville, PA 19525

Telephone 367-6036

Location: On Conyo Road off Route 73 EPZ: yes
in Gilbertsville Municipality: Douglass-Montgomery

Census: Year 1984-85 Term Fall

<u>Grade</u>	<u>Students</u> <u>General/Sp. Ed.</u>	<u>Faculty</u>
<u>K</u>	<u>45</u>	<u> </u>
<u>1</u>	<u>52</u>	<u> </u>
<u>2</u>	<u>50</u>	<u> </u>
<u>3</u>	<u>45</u>	<u>14</u>
<u>4</u>	<u>53</u>	<u> </u>
<u>5</u>	<u>54</u>	<u> </u>
<u>6</u>	<u>54</u>	<u> </u>

Total Enrollment: 353

Total Faculty: 14

Total Other Staff: 13

Key Staff: Name Telephone/Payer Address
 Principal: Thomas Smytne
 Gilbertsville, PA 19525

Relief/Designate (1):

Relief/Designate (2):

Assistant Principal:

SCHOOL BUILDING PROFILE FORM (CONT'D.)

Maintenance: Donald Weinsteiger Bechtelsville, PA 19505

Nurse: Carol Mercer Boyertown, PA 19512

Buses Assigned for Evacuation*: 22, 45, 58, C-41, C-23
(2) Buses assigned to front of building
(3) Buses behind building

Special Requirements for Evacuation*: _____

Host School: (Kutztown Area J.H.S./Elem. School) Telephone: _____

Location: Constitution Blvd. - Kutztown

Evacuation Route(s): Conyo Road to Rt.
73 West to Rt. 662N
to Rt. 222N to
Constitution Blvd.

Mass Care Center: Kutztown Area Senior High School Telephone: _____

Location: Constitution Blvd. - Kutztown

Route(s): Constitution Blvd. Bus Assigned: _____

Student Pick-up: _____

Access Road: Conyo Road

Entrance: Main Entrance to Office Parking Lot: Driveway outside
multi-purpose room

Staff: Secretary

* Obtain from "Resources Required for Evacuation" Form (Attachment 3)

** 1) Staff cars considered to restrict access to front of building and rear of building.
2) Intercom available.

ATTACHMENT 2

SCHOOL BUILDING PROFILE FORM

School Name: New Hanover/Upper Frederick Elementary

School Affiliation: Public Parochial Non-Profit Private
 Nursery Other _____
 (specify)

Address: Frederick, PA 19435

Telephone: 754-6427

Location: On Route 73 East of Boyertown EPZ: yes
 Municipality: New Hanover

Census: Year 1984-85 Term Fall

<u>Grade</u>	<u>Students General/Sp. Ed.</u>	<u>Faculty</u>
<u>K</u>	<u>64</u>	<u>_____</u>
<u>1</u>	<u>50</u>	<u>_____</u>
<u>2</u>	<u>77 30</u>	<u>_____</u>
<u>3</u>	<u>59</u>	<u>26</u>
<u>4</u>	<u>85</u>	<u>_____</u>
<u>5</u>	<u>87</u>	<u>_____</u>
<u>6</u>	<u>96</u>	<u>_____</u>

Total Enrollment: $518 + 30 = 548$

Total Faculty: 26

Total Other Staff: 19

Key Staff: Name Telephone/Payer Address

Principal: Carl A. Yescavage
Boyertown, PA 19512

Relief/Designate (1):

Relief/Designate (2):

Assistant Principal:

SCHOOL BUILDING PROFILE FORM (CONT'D.)

Maintenance: Melvin Groff Boyertown, PA 19512

Nurse: Carol Mercer Boyertown, PA 19512

Buses Assigned for Evacuation*: 2, 9, 12, 15, 32, 33, 47, 57
(Playground near West Parking Areas
off Hoffmansville Road)

Special Requirements for Evacuation*: _____

Host School: (Kutztown Area J.H.S./Elem. School) Telephone: _____

Location: Constitution Blvd. - Kutztown

Evacuation Route(s): Route 73 West to Rt.
662N to Rt. 222N to
Constitution Blvd.

Mass Care Center: Kutztown Area Senior High School Telephone: _____

Location: Constitution Blvd. - Kutztown

Route(s): Constitution Blvd. Bus Assigned: _____

Student Pick-up: _____

Access Road: Rt. 73 or Hoffmansville Road

Entrance: Main Entrance to Office Parking Lot: East Parking Lot

Staff: Secretaries

* Obtain from "Resources Required for Evacuation" Form (Attachment 3)
** 1) Staff cars considered to restrict access to West Parking Area.
2) Intercom available.

ATTACHMENT 2

SCHOOL BUILDING PROFILE FORM

School Name: Pine Forge Elementary

School Affiliation: Public Parochial Non-Profit Private
 Nursery Other _____
 (specify)

Address: Pine Forge, PA 19548

Telephone 323-7609

Location: On Pine Forge Road in EPZ: yes
Pine Forge Municipality: Douglass-Berks

Census: Year 1984-85 Term Fall

<u>Grade</u>	<u>Students</u>		<u>Faculty</u>
	<u>General</u>	<u>Sp. Ed.</u>	
<u>K</u>	<u>47</u>	<u></u>	<u></u>
<u>1</u>	<u>47</u>	<u></u>	<u></u>
<u>2</u>	<u>39</u>	<u></u>	<u>13</u>
<u>3</u>	<u>46</u>	<u></u>	<u></u>
<u>4</u>	<u>28</u>	<u></u>	<u></u>
<u>5</u>	<u>24</u>	<u></u>	<u></u>
<u>6</u>	<u>23</u>	<u></u>	<u></u>

Total Enrollment: 254

Total Faculty: 13

Total Other Staff: 10

Key Staff: Name Telephone/Payer Address

Principal: Donald Hile Bechtelsville, PA 19505

Relief/Designate (1):

Relier/Designate (2):

Assistant Principal:

SCHOOL BUILDING PROFILE FORM (CONT'D.)

Maintenance: Donald Keim

Boyertown, PA 19512

Nurse: Carol Mercer

at
Boyertown, PA 19512

Buses Assigned for Evacuation*:

16, 20, 54, 55

(Bus loop)

Special requirements for Evacuation*:

Host School: (Kutztown Area J.H.S./Elem. School)

Telephone: _____

Location: _____

Evacuation Route(s): LR U61U2 to Rt. 662N

to Rt. 222N to

Constitution Blvd.

Mass Care Center: Kutztown Area Senior High School

Telephone: _____

Location: _____

Constitution Blvd. - Kutztown

Route(s): _____

Constitution Blvd.

Bus Assigned: _____

Student Pick-up: _____

Access Road: _____

Pine Forge Road

Entrance: _____

Main Entrance to Office Parking Lot: Playground parking lot

Staff: _____

Secretaries

* Obtain from "Resources Required for Evacuation" Form (Attachment 3)

** 1) Staff cars considered to block off bus loop.

2) Telephone room for students.

3) Intercom available.

ATTACHMENT 2

SCHOOL BUILDING PROFILE FORM

School Name: Earl Elementary

School Affiliation: Public Parochial Non-Profit Private
 Nursery Other _____
 (specify)

Address: R. D. #3, Box 570
Boyertown, PA 19512

Telephone 367-2066

Location: On Route 73 West of EPZ: No
Boyertown Municipality: Earl

Census: Year 1984-85 Term Fall

<u>Grade</u>	<u>Students</u> <u>General/Sp. Ed.</u>	<u>Faculty</u>
<u>K</u>	<u>48</u>	<u>_____</u>
<u>1</u>	<u>48</u>	<u>_____</u>
<u>2</u>	<u>50</u>	<u>_____</u>
<u>3</u>	<u>40</u>	<u>16</u>
<u>4</u>	<u>48</u>	<u>_____</u>
<u>5</u>	<u>40</u>	<u>_____</u>
<u>6</u>	<u>46</u>	<u>_____</u>

Total Enrollment: 320

Total Faculty: 16

Total Other Staff: 11

Key Staff: Name Telephone/Pager Address

Principal: Donald Hile Bechtelsville, PA 19505

Relief/Designate (1):

Relief/Designate (2):

Assistant Principal:

SCHOOL BUILDING PROFILE FORM (CONT'D.)

Maintenance: Charles Neiman

Boyertown, PA 19312

Nurse: Roberta Graver

Buses Assigned for Evacuation*:

Special Requirements for Evacuation*:

Out of EPZ - does not evacuate
routinely

Host School:

N/A

Telephone: _____

Location: _____

Evacuation Route(s): _____

Mass Care Center:

N/A

Telephone: _____

Location: _____

Evacuation Route(s): _____

Bus Assigned: _____

Students Pick up:

Parents from EPZ only

Access Road:

School House Road

Entrance:

Main Entrance to Office

Parking Lot:

East End Parking Lot

Staff:

Secretary

* Obtain from "Resources Required for Evacuation" Form (Attachment 3)

** 1) Staff cars considered to block access to bus loop.

2) Intercom available.

ATTACHMENT 2

SCHOOL BUILDING PROFILE FORM

School Name: Washington Elementary

School Affiliation: Public Parochial Non-Profit Private
 Nursery Other _____
 (specify)

Address: R. D. #2
Barto, PA 19504

Telephone 845-7518

Location: On Route 100 North of EPZ: no
Boyertown Municipality: Washington

Census: Year 1984-85 Term Fall

<u>Grade</u>	<u>Students</u>		<u>Faculty</u>
	<u>General</u>	<u>Sp. Ed.</u>	
<u>K</u>	<u>40</u>		
<u>1</u>	<u>50</u>		
<u>2</u>	<u>22</u>		
<u>3</u>	<u>25</u>		<u>10</u>
<u>4</u>	<u>28</u>		
<u>5</u>	<u>27</u>		
<u>6</u>	<u>27</u>		

Total Enrollment: 219

Total Faculty: 10

Total Other Staff: 10

Key Staff: Name Telephone/Pager Address

Principal: Thomas Smythe Gilbertsville, PA 19525

Relief/Designate (1):

Relief/Designate (2):

Assistant Principal:

SCHOOL BUILDING PROFILE FORM (CONT'D.)

Maintenance: Rand Conrad

Boyertown, PA 19504

Nurse: Gail Feege

Perkiomenville, PA 18074

Buses Assigned for Evacuation*:

Special Requirements for Evacuation*:

To serve as alternate administrative location for district administration.
To serve as parking lot for district vehicles. (South End Playground parking lot)Doesn't evacuate routinely - out of EPZ.

Host School:

N/A

Telephone: _____

Location: _____

Evacuation Route(s): _____

Mass Care Center:

N/A

Telephone: _____

Location: _____

Evacuation Route(s): _____

Bus Assigned: _____

Student Pick up:

Parents from EPZ only

Access Road:

South Entrance

**Parking Lot: South End Playground Parking Lot

Entrance:

Main Entrance

Staff:

Secretary

* Obtain from "Resources Required for Evacuation" Form (Attachment 3)

**1) Staff cars may be used to block access to bus driveway (loop)

2) Kindergarten parents should use main entrance - not lower exit door

3) Intercom available

ATTACHMENT 2

ACADEMY FACILITY/BUILDING PROFILE FORM*

BUILDING NAME: Montessori Academy of PA

Address: 645 S. Reading Avenue
Boyertown, PA

Telephone: _____

Location: 1.3 miles west of intersection of 562 and 73 *
(outside Boyertown), on right side of road (Old
Marysville School)

CENSUS: 75 (adults/children *
session) Year: 1984-1985 Term: Fall
(90 enrollees)

<u>Grade</u>	<u># Students</u>	<u>Faculty</u>	<u>Other Staff</u>
	<u>General/Sp. Ed./Handicapped</u>		

Total Enrollment: 90 (75 on campus - maximum)

Total Faculty: 8

Total Other Staff: --

KEY STAFF: Name Telephone/Pager

Administrator: Ms. Barbara Broadbent

Relief/Designate (1): Ms. Mary Beth Monaghan, Head Teacher 2

Relief/Designate (2): Ms. Gretta Rothenberyer, Ass't Teacher

Relief/Designate (3): Ms. Diana Kaplan, Ass't. Teacher

* One form completed for each building, residence, etc.

ACADEMY BUILDING PROFILE FORM (CONT'D.)

FACILITY VEHICLES AVAILABLE: Private staff vehicles: # 5 *
Capacity: 20 *
Other:

Drivers: Staff on duty at time

Buses/Vehicles Assigned for Evacuation*: Bus # (72)
Provider: Berks County IU
Telephone: 375

Special Requirements for Evacuation*: Place telephone on call forward *

Host School/Facility (Kutztown Area Elementary School)

Telephone: _____

Location: Normal Ave & Constitution Blvd.

Evacuation Route(s): Rt. 562N to
Second Avenue to Rt 73W
to Rt 662N to Constitution Ave.

Mass Care Center: Kutztown Area Senior High School Telephone: _____

Location: Constitution Blvd. and Trexler Ave.

Route(s): Constitution Blvd. Bus Assigned:
_____ determined at time
_____ of incident

* Obtain from "Resources Required for Evacuation" Form (Attachment 3)

ATTACHMENT 2

SCHOOL FACILITY/BUILDING PROFILE FORM*

BUILDING NAME: Wayside Christian School

Address: R D 5, Box 37, Sweinhard Rd.
Boyertown, PA 19512

Telephone: _____

Location: Rt. 100 to Grosser Rd., Left on Grosser to
Sweinhard, Left on Sweinhard, .3 miles to
facility on right.

CENSUS: 58 Year: 1983 Term: Fall

	<u>Grade</u>	<u>Students</u> <u>General/Sp. Ed./Handicapped</u>	<u>Faculty</u>	<u>Staff</u>
Primary	<u>K-12</u>	<u>74</u>	<u>5</u>	<u>2</u>
Total Enrollment:		<u>74</u>		
Total Faculty:			<u>5</u>	
Total Other Staff:				<u>2</u>

KEY STAFF: Name Telephone/Payer Address

Administrator: Mr. Paul Kulp
Relief/Designate (1): Mrs. Esther Harner
Relief/Designate (2): Mr. Vicki Fries
Support Staff:

FACILITY VEHICLES AVAILABLE: Private Staff Vehicles:# 2
Capacity: 10
Other: 1 van possible

* One form completed for each building, residence, etc.

BUILDING PROFILE FORM (CONT'D.)

Drivers:	<u>Name</u>	<u>Telephone/Pager</u>	<u>Address</u>
_____ (1)	_____	_____	_____
_____ (2)	_____	_____	_____
_____ (3)	_____	_____	_____

Buses/Vehicles Assigned for Evacuation*: Bus # (72)
Provider: (Berks County I.U.)
Telephone: _____

Special Requirements for Evacuation*:

Host Facility Administrator's Home Telephone: _____

Location: Pikeville - at Intersection of Yoder and Club Rds.)
- 1 block from Pikeville Sporting Club

Evacuation Route(s): Rt. 73 W. to Club Road approximately 1.3 miles to
to Brown Ranch House on Right (Ships Propeller
in Yard

Mass Care Center: N/A - to remain at Telephone: -see above-
Administrator's Home

Location: _____

Evacuation Route(s): N/A Bus Assigned: N/A

* Obtain from "Resources Required for Evacuation" Form (Attachment 3)

ATTACHMENT 2

SCHOOL BUILDING PROFILE FORM

School Name: Pine Forge Academy (Kimbrough Hall)

School Affiliation: Public Parochial X Non-Profit Private
Nursery Other _____
(specify)

Address: Pine Forge, PA

Telephone _____

Location: On Pine Forge Rd. (LR 06102) 1/2 mile east of intersection with
Douglass Dr. (LR 06155). Driveway enters on left.

Census: 149 Year: 1983 Term: Spring

KEY STAFF: Name Telephone/Payer Address

Principal: Mr. W. A. Cheatham

Relief/Designate (1): Mrs. Smith, Registrar

Relief/Designate (2): Mr. Smith, Chemistry Professor

FACILITY VEHICLES AVAILABLE: Private staff vehicles: # ()
Other staff vehicles: # ()
Buses: # 3 (166)

Drivers: TBD Name Telephone/Payer Address
_____(1) _____
_____(2) _____
_____(3) _____

Buses/vehicles Assigned for Evacuation*: All three P.F.A. Buses
Students/faculty meet at common
location - Dorm entrance - Kimbrough
Hall

Special Requirements for Evacuation*: Notify Allegheny East Conference
Center Building

SCHOOL BUILDING PROFILE FORM (CONT'D.)

Host School/Facility: Blue Mountain Academy Telephone: _____
Hamburg, PA

Location: On LR 06030, 1/2 mile north of intersection of Rt. 61
and I-78

Evacuation Route(s): LR 06102 to Rt. 662 N to Rt. 73 W to Rt. 61 N to
LR 06030

Mass Care Center: same as host school Telephone: _____

ATTACHMENT 2

SCHOOL BUILDING PROFILE FORM*

School Name: Pine Forge S. D. A. Elementary School

School Affiliation: Public Parochial Non-Profit Private
 Nursery Other _____
 (specify)

Address: Pine Forge Rd. (P. O. Box 271
Pine Forge, PA 19548

Telephone _____

Location: On Pine Forge Rd. (LR 06102) 1/2 mile east of intersection of
Pine Forge Rd. and Douglass Drive (LR 06150). Small green
block building on right-next to Kimbrough Hall

Census: 34 Year: 1983 Term: Spring

<u>Grade</u>	<u>Students</u>		<u>Faculty</u>	<u>Monitors</u>
	<u>General/Sp. Ed./Handicapped</u>			
<u>1</u>	<u>3</u>		<u>--</u>	<u>--</u>
<u>2</u>	<u>4</u>		<u>--</u>	<u>--</u>
<u>3</u>	<u>1</u>		<u>--</u>	<u>--</u>
<u>4</u>	<u>2</u>		<u>--</u>	<u>--</u>
<u>5</u>	<u>4</u>		<u>--</u>	<u>--</u>
<u>6</u>	<u>6</u>		<u>--</u>	<u>--</u>
<u>7</u>	<u>9</u>		<u>--</u>	<u>--</u>
<u>8</u>	<u>5</u>		<u>--</u>	<u>--</u>

Total Enrollment: 34

Total Faculty: 2

Total Other Staff:** N/A

<u>KEY STAFF:</u>	<u>Name</u>	<u>Telephone/Payer</u>	<u>Address</u>
Principal:	Mrs. Corinne Smith		
Relief/Designate (1):	Mrs. Sharon Johnson		
Relief/Designate (2):	Contact Allegheny East Conference Office		
Relief/Designate (3):	Contact Pine Forge Academy		

*One form completed for each building, residence, etc.
 **Therapists/tutors in building occasionally.

SCHOOL BUILDING PROFILE FORM (CONT'D.)

FACILITY VEHICLES AVAILABLE: Private staff vehicles: # 1
Capacity: 5
Other Vehicles:

Drivers:	<u>Name</u>	<u>Telephone/Payer</u>	<u>Address</u>
	<u>C. Smith (1)</u>	<u></u>	<u></u>
	<u>(2)</u>	<u></u>	<u></u>
	<u>(3)</u>	<u></u>	<u></u>

Buses/Vehicles Assigned for Evacuation*: 1 Bus - PFA
Provider: Pine Forge Academy
Telephone:

Special Requirements for Evacuation*: Co-locate with Pine Forge Academy

Host School/Facility: (Blue Mountain Academy, Hamburg - Telephone: under development)

Location: On LR 06030, 1/2 mile north of intersection of Rt. 61 and I-78

Evacuation Route(s): LR 06102 to Rt. 662 N to Rt. 73 W to Rt. 61 N to LR 06030

Mass Care Center: same as host school Telephone:

* Obtain from "Resources Required for Evacuation" Form (Attachment 3)

ATTACHMENT 2

SCHOOL BUILDING PROFILE FORM*

School Name: Lincoln School (IU)

School Affiliation: Public Parochial Non-Profit Private
 Nursery Other _____
 (specify)

Address: W. Philadelphia Avenue
Boyertown, PA 19512

Telephone _____

Location: W. Philadelphia Avenue, 1/2 mile north of intersection of 73W/
562 on 73W (next to cemetery)

Census: 64/16 Year: 1983 Term: Spring

Grade	Students			Pre-School	Faculty	Other Staff
	Retarded	Ambulatory/Handicapped				
	12	16	6	30	16	--
Total Enrollment:	<u>34</u>			<u>30</u>	<u>16</u>	<u>--</u>

KEY STAFF: Name Telephone/Payer Address

Building/Facility
 Head Teacher: Mr. Steve Rudick

Relief/Designate (1): Ms. Sue Tobias

Relief/Designate (2):

Supervisor: Mrs. Linda Cobb

Maintenance Person: Ms. Erla Heyt

FACILITY VEHICLES AVAILABLE: Contract Vehicles: --
 Berks County IU Vehicles: [2 Hand. Bus (60)]
 Private Staff Vehicles: _____
 Capacity: _____
 Other: _____

* One form completed for each building, residence, etc.

SCHOOL BUILDING PROFILE FORM (CONT'D.)

Drivers:	<u>Name</u>	<u>Telephone/Payer</u>	<u>Address</u>
_____ (1)	_____	_____	_____
_____ (2)	_____	_____	_____
_____ (3)	_____	_____	_____
_____ (4)	_____	_____	_____
_____ (5)	_____	_____	_____
_____ (6)	_____	_____	_____

Buses/Vans Assigned for Evacuation*:
Provider: Berks County IU
Telephone: _____

Bus # (30)
Bus # (30)
Bus # (72)

Special Requirements for Evacuation*:
(Evacuation Supplies: (1) Blender,
(2) () Case diapers, (3) () Case
wipes/clothes, (4) medications, (5)
trash can liners)

Host Facility: (Kutztown University) Telephone: _____

Location: Keystone Hall Wrestling Room:

Evacuation Route(s): Rt. 73W to Rt. 662N
to Rt. 222N

Mass Care Center: Kutztown Area Senior High School Telephone: _____

Location: Constitution Blvd. - Kutztown

Evacuation Route(s): Constitution Blvd. Bus Assigned: _____

* Obtain from "Resources Required for Evacuation" Form (Attachment 3)

ATTACHMENT 3

RESOURCES REQUIRED FOR EVACUATIONDistrict: Boyertown Area School: B. A. Senior High Census: 1440

I. Buses

A. Primary Movement:

1440 Students = 20 Buses

<u>Bus #</u>	<u>Cap.</u>	<u>Driver Name & Telephone #</u>	<u>Agency & Telephone #</u>	<u>Type Fuel</u>	<u>Radio Equipped</u>
C1	72	Leonard Gehringer	Quigley	G	
C3	72	Robert Gilbert	Quigley	G	
C6	72	Virginia Bernhart	Quigley	G	
C32	72	Earl Schlegel	Quigley	G	
C9	72	Gary Custer	Quigley	G	
C10	72	John Snyder	Quigley	G	
C11	72	Betty Reider	Quigley	G	
C33	72	Sandra Lowery	Quigley	G	
C13	72	Walter H. Haas	Quigley	G	
C14	72	George Grampp	Quigley	G	
C15	72	Julia Moffett	Quigley	G	
C39	72	Dennis Stauffer	Quigley	G	
C19	72	Glenn Allebach	Quigley	G	
C20	72	Robert Weinstein	Quigley	G	
4	72	Thomas Nicholson	District	P	X
7	72	Hazel Mese	District	P	X
8	72	Ruth Wren	District	P	X
14	72	Jeanette Krauter	District	P	X
37	72	Janet Groff	District	P	X
50	<u>72</u>	Mary Weller	District	P	X

1440

G = Gas

P = Propane

RESOURCES REQUIRED FOR EVACUATION (CONT'D.)

II. Specialty Vans Assigned (Capacity)

_____	_____	_____
_____	_____	_____

III. Staff/Other Vehicles Assigned

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

IV. Special Needs:

V. Staff Assigned:

VI. RACES Units:

ATTACHMENT 3

RESOURCES REQUIRED FOR EVACUATION

District: Boyertown Area School: B.A. Junior High East Census: 797

I. Buses

A. Primary Movement:

797 Students = 11 Buses

<u>Bus #</u>	<u>Cap.</u>	<u>Driver Name & Telephone #</u>	<u>Agency & Telephone #</u>	<u>Type Fuel</u>	<u>Radio Equipped</u>
18	72	Don Sheidy	District	P	X
56	72	Gerry Good	District	P	X
34	72	Paul Heydt	District	G	
17	72	Don Reitnauer	District	P	X
C25	72	Francis Fox	Quigley	G	
C26	72	Clarence Bauer	Quigley	G	
C27	72	Francis Howell	Quigley	G	
C28	72	Eleanor Ritter	Quigley	G	
C29	72	Gertie Yoder	Quigley	G	
C30	72	Eleanor Miller	Quigley	G	
C31	<u>72</u>	Horace Beitler	Quigley	G	

792

G = Gas
P = Propane

B. Secondary Movement:

II. Specialty Vans Assigned (Capacity)

III. Staff/Other Vehicles Assigned

RESOURCES REQUIRED FOR EVACUATION (CONT'D.)

IV. Special Needs:

V. Staff Assigned:

VI. RACES Units:

ATTACHMENT 3

RESOURCES REQUIRED FOR EVACUATION

District: Boyertown Area School: B.A. Junior High West Census: 673

I. Buses

A. Primary Movement:

673 Students = 10 Buses

<u>Bus #</u>	<u>Cap.</u>	<u>Driver Name & Telephone #</u>	<u>Agency & Telephone #</u>	<u>Type Fuel</u>	<u>Radio Equipped</u>
C34	72	Donald Gehringer	Quigley	G	
C35	72	James Heffner	Quigley	G	
C38	72	Walter Mest	Quigley	G	
1	72	Jeff Reigner	District	G	
31	72	Raymond Hafer	District	G	
49	72	Noryal Yorgey	District	G	
51	48	Ray Musselman	District	G	X
52	48	MaryAnn Meehan	District	P	X
5	72	Jim Mull	District	P	X
30	72	JoAnn Recke	District	G	X

672

B. Secondary Movement:

II. Specialty Vans Assigned (Capacity)

III. Staff/Other Vehicles Assigned

RESOURCES REQUIRED FOR EVACUATION (CONT'D.)

IV. Special Needs:

V. Staff Assigned:

VI. RACES Units:

ATTACHMENT 3

RESOURCES REQUIRED FOR EVACUATION

District: Boyertown Area School: Boyertown Elem. Census: 616

I. Buses

A. Primary Movement:

616 Students = 9 Buses

<u>Bus #</u>	<u>Cap.</u>	<u>Driver Name & Telephone #</u>	<u>Agency & Telephone #</u>	<u>Type Fuel</u>	<u>Radio Equipped</u>
19	70	Robert Marriott	District	P	X
42	72	Shirley Reigner	District	P	X
43	66	Dorothy Stoltzufs	District	G	X
3	66	Tom Reinert	District	P	X
46	72	Ginny Magners	District	P	X
44	72	Richard Hoppes	District	G	X
48	48	Sue Gamler	District	P	X
C24	72	Judith Witman	Quigley	G	
C40	<u>72</u>	Jane Moser	Quigley	G	

610

B. Secondary Movement:

II. Specialty Vans Assigned (Capacity)

III. Staff/Other Vehicles Assigned

RESOURCES REQUIRED FOR EVACUATION (CONT'D.)

IV. Special Needs:

V. Staff Assigned:

VI. RACES Units:

ATTACHMENT 3

RESOURCES REQUIRED FOR EVACUATION

District: Boyertown Area School: Colebrookdale Elem. Census: 355

I. Buses

A. Primary Movement:

355 Students = 5 Buses

<u>Bus #</u>	<u>Cap.</u>	<u>Driver Name & Telephone #</u>	<u>Agency & Telephone #</u>	<u>Type Fuel</u>	<u>Radio Equipped</u>
6	72	Laura Lorah	District	P	X
11	72	Peggy Welsh	District	P	X
13	72	Robert Aulenbach	District	P	X
C21	72	Richard Michaels	Quigley	G	
C22	72	Wilson Hoffman	Quigley	G	

360

B. Secondary Movement:

II. Specialty Vans Assigned (Capacity)

III. Staff/Other Vehicles Assigned

IV. Special Needs:

RESOURCES REQUIRED FOR EVACUATION (CONT'D.)

V. Staff Assigned:

VI. RACES Units:

ATTACHMENT 3

RESOURCES REQUIRED FOR EVACUATION

District: Boyertown Area School: Gilbertsville Elem. Census: 376

I. Buses

A. Primary Movement:

376 Students = 5 Buses

<u>Bus #</u>	<u>Cap.</u>	<u>Driver Name & Telephone #</u>	<u>Agency & Telephone #</u>	<u>Type Fuel</u>	<u>Radio Equipped</u>
22	72	Jane Santangelo	District	P	X
45	72	Ted Schlegel	District	P	X
58	72	Ginny Diehl	District	P	X
C41	72	Linda Mohr	Quigley	G	
C23	<u>72</u>	Barbara Westervel	Quigley	G	

360

B. Secondary Movement:

II. Specialty Vans Assigned (Capacity)

III. Staff/Other Vehicles Assigned

RESOURCES REQUIRED FOR EVACUATION (CONT'D.)

IV. Special Needs:

V. Staff Assigned:

VI. RACES Units:

ATTACHMENT 3

RESOURCES REQUIRED FOR EVACUATION

District: Boyertown Area School: New Hanover/Upper Census: 569
Frederick Elem.

I. Buses

A. Primary Movement:

569 Students = 8 Buses

<u>Bus #</u>	<u>Cap.</u>	<u>Driver Name & Telephone #</u>	<u>Agency & Telephone #</u>	<u>Type Fuel</u>	<u>Radio Equipped</u>
2	72	Carol Slater	District	P	X
9	72	Hattie Yoder	District	P	X
12	70	Joyce Greenman	District	P	X
15	70	Kay Dobry	District	P	X
32	72	Gloria Marriott	District	G	X
33	72	Orville Roberts	District	P	X
19	70	Diana Brown	District	G	X
57	72	Susan Murtagh	District	P	X

572

G = Gas
P = Propane

B. Secondary Movement:

II. Specialty Vans Assigned (Capacity)

III. Staff/Other Vehicles Assigned

RESOURCES REQUIRED FOR EVACUATION (CONT'D.)

IV. Special Needs:

V. Staff Assigned:

VI. RACES Units:

ATTACHMENT 3

RESOURCES REQUIRED FOR EVACUATION

District: Boyertown Area School: Pine Forge Elem. Census: 249

I. Buses

A. Primary Movement:

249 Students = 4 Buses

<u>Bus #</u>	<u>Cap.</u>	<u>Driver Name & Telephone #</u>	<u>Agency & Telephone #</u>	<u>Type Fuel</u>	<u>Radio Equipped</u>
16	72	Anita Bonney	District	P	X
20	72	Ruth Pinder	District	P	X
54	72	Joy Harner	District	P	X
55	<u>72</u>	Betty Chieffo	District	P	X

288

P = Propane

B. Secondary Movement:

II. Specialty Vans Assigned (Capacity)

III. Staff/Other Vehicles Assigned

IV. Special Needs:

RESOURCES REQUIRED FOR EVACUATION (CONT'D.)

V. Staff Assigned:

VI. RACES Units:

ATTACHMENT 3

RESOURCES REQUIRED FOR EVACUATION

District: Boyertown Area School: Earl Elem. Census: 343

I. Buses

A. Primary Movement: Not required.

343 Students = 5 Buses

B. Secondary Movement:

II. Specialty Vans Assigned (Capacity)

III. Staff/Other Vehicles Assigned

IV. Special Needs:

V. Staff Assigned:

RESOURCES REQUIRED FOR EVACUATION (CONT'D.)

VI. RACES Units:

ATTACHMENT 3

RESOURCES REQUIRED FOR EVACUATION

District: Boyertown Area School: Washington Elem. Census: _____

I. Buses

A. Primary Movement: Not required.

216 Students = 3 Buses

B. Secondary Movement:

II. Specialty Vans Assigned (Capacity)

III. Staff/Other Vehicles Assigned

IV. Special Needs:

V. Staff Assigned:

VI. RACES Units:

RESOURCES REQUIRED FOR EVACUATION (CONT'D.)*

III. Staff/Other Vehicles Assigned

<u>Staff car #1</u>	_____	_____
<u>Staff car #2</u>	_____	_____
<u>Staff car #3</u>	_____	_____
<u>Staff car #4</u>	_____	_____
<u>Staff car #5</u>	_____	_____

IV. Special Needs:

V. Staff Assigned:

VI. RACES Units:

* One form completed for each building, residence, etc.

RESOURCES REQUIRED FOR EVACUATION (CONT'D.)*

III. Staff/Other Vehicles Assigned

Staff car #1

Staff car #2

IV. Special Needs:

V. Staff Assigned:

VI. RACES Units:

* One form completed for each building, residence, etc.

RESOURCES REQUIRED FOR EVACUATION (CONT'D.)*

III. Staff/Other Vehicles Assigned

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

IV. Special Needs:

V. Staff Assigned:

VI. RACES Units:

* One form completed for each building, residence, etc.

ATTACHMENT 3

RESOURCES REQUIRED FOR EVACUATION*

District: Boyertown Area School: Lincoln School (IU) Census: 64/16

I. Buses - Wheelchair

A. Primary Movement:

<u>Buses Assigned/ (Capacity)</u>	<u>Driver/Telephone</u>	<u>Agency/Telephone</u>	<u>Fuel Req.</u>
<u>Berks IU # (30)</u>	<u>_____</u>	<u>_____</u>	
<u>Berks IU # (30)</u>	<u>_____</u>	<u>_____</u>	
<u>Berks IU # (72)</u>	<u>_____</u>	<u>_____</u>	
<u>_____</u>	<u>_____</u>	<u>_____</u>	
<u>_____</u>	<u>_____</u>	<u>_____</u>	
<u>_____</u>	<u>_____</u>	<u>_____</u>	
<u>_____</u>	<u>_____</u>	<u>_____</u>	

B. Secondary Movement:

<u>_____</u>	<u>_____</u>	<u>_____</u>	
<u>_____</u>	<u>_____</u>	<u>_____</u>	
<u>_____</u>	<u>_____</u>	<u>_____</u>	
<u>_____</u>	<u>_____</u>	<u>_____</u>	

II. Specialty/Handicapped Vans Assigned
(Capacity)

A. Primary Movement:

<u>_____</u>	<u>_____</u>	<u>_____</u>	
<u>_____</u>	<u>_____</u>	<u>_____</u>	
<u>_____</u>	<u>_____</u>	<u>_____</u>	
<u>_____</u>	<u>_____</u>	<u>_____</u>	
<u>_____</u>	<u>_____</u>	<u>_____</u>	
<u>_____</u>	<u>_____</u>	<u>_____</u>	
<u>_____</u>	<u>_____</u>	<u>_____</u>	
<u>_____</u>	<u>_____</u>	<u>_____</u>	
<u>_____</u>	<u>_____</u>	<u>_____</u>	

* One form completed for each building, residence, etc.

RESOURCES REQUIRED FOR EVACUATION (CONT'D.)*

B. Secondary Movement:

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

III. Staff/Other Vehicles Assigned
(Type/Capacity)

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

IV. Special Needs:

Evacuation Supplies in Vehicle #

V. Staff Assigned:

VI. RACES Units:

* One form completed for each building, residence, etc.

RESOURCES REQUIRED FOR EVACUATION (CONT'D.)

DISTRICT SUMMARY

VEHICLE SUMMARY

<u>FACILITY</u>	<u># BUSES NEEDED/AVAIL</u>	<u># VANS</u>	<u># OTHER VEHICLES</u>	<u>UNMET NEEDS</u>
Senior High	20/20	--	--	0
Junior High East	11/11	--	--	0
Junior High West	10/10	--	--	0
Boyertown Elementary	9/9	--	--	0
Colebrookdale Elem.	5/5	--	--	0
Gilbertsville Elem.	5/5	--	--	0
New Hanover/Upper Frederick Elem.	8/8	--	--	0
Pine Forge Elem.	4/4	--	--	0
Earl Elementary*	--	--	--	0
Washington Elem.*	--	--	--	0
Montessori Academy of PA	1/1	--	--	0 -
Wayside Chapel	1/1	--	--	0 -
Pine Forge Academy	3/3	--	--	0 -
Pine Forge S.D.A. Ele.			See P.F.A. above	
Lincoln School	1/1	--	2/2	0 -

Source: (a) Boyertown Area School District
 (b) Quigley Bus Company
 (c) Berks County I.U. -
 (d) Pine Forge Academy

Unmet Needs: None.

* Outside EPZ - do not routinely evacuate.

ATTACHMENT 4

BOYERTOWN AREA SCHOOL DISTRICT

Dear Parent:

In the event of a nuclear incident at the Limerick Generating Station that would require the protective evacuation of the Boyertown Area School District, students will be safely bused directly to schools in a host school district. The host school district for our District is Kutztown University - and Kutztown Area School District - located in an area approximately _____ miles _____ of _____. Parents or legal guardians will be requested to pick up their children at the host school building. A list of host schools for each District school building follows:

<u>District School</u>	<u>Host School/Address/Location</u>
Boyertown Area Senior High	Kutztown University
Boyertown Area Junior High East	Kutztown University
Boyertown Area Junior High West	Kutztown University
Boyertown Elementary	Kutztown Area J.H.S./Elem. School
Colebrookdale Elementary	Kutztown Area J.H.S./Elem. School
Gilbertsville Elementary	Kutztown Area J.H.S./Elem. School
New Hanover/Upper Frederick Elem.	Kutztown Area J.H.S./Elem. School
Pine Forge Elementary	Kutztown Area J.H.S./Elem. School
Earl Elementary	pick-up at school
Washington Elementary	pick-up at school

This District is concerned that any evacuation be safe and orderly, that an accurate school attendance be maintained throughout, and that parents/guardians be reunited with students as quickly and conveniently as possible. Therefore, school staff will accompany students during evacuation, host schools are located along predetermined evacuation routes and close to the normal reception centers for the general public, and school staff will remain with students until all students are picked-up. It is not necessary to rush, drive safely to the host school and your child will be waiting for you under the supervision of school staff.

After 8 p.m., host schools will be closed and remaining students bussed to a designated location i.e. mass care center, located at Kutztown Area Senior High School. At this facility, students will be provided shelter and food, awaiting parent/guardian arrival. The Red Cross operates this mass care center.

The District requests that parents/guardians refrain from trying to pick-up students at risk schools when an evacuation has been ordered or appears imminent. It is important that school driveways and access roads be kept open for buses. In addition, while preparing to evacuate, it is difficult to release students and keep a current and accurate school census.

The district has provided, at each of its buildings, a special parking area and entrance for any parent that absolutely must pick up his child before

an evacuation or sheltering has been ordered. These parking areas and entrances are:

<u>School</u>	<u>Parking Area</u>	<u>Entrance</u>
Boyertown Area Senior High	Faculty Parking Lot	Golden Bear Lobby
Boyertown Area Junior High East	Front Driveway	Main Entrance
Boyertown Area Junior High West	South Parking Lot	Main Entrance
Boyertown Elementary	Side Parking Lot	Kindergarten Entrance
Colebrookdale Elementary	North Parking Area	Main Entrance
Gilbertsville Elementary	Driveway outside multipurpose room	Main Entrance
New Hanover/Upper Frederick Elementary	East Parking Lot	Main Entrance
Pine Forge Elementary	Playground Parking Lot	Main Entrance
Earl Elementary	East End Parking Lot	Main Entrance
Washington Elementary	South End Playground Parking Lot	Main Entrance

Signs and/or staff will be there to assist you.

Should you reside in the risk area, and your child attend a school outside the risk area, the District will retain your child at his/her own school for your pick-up. After 8 p.m., these students will also be bussed to the designated location (i.e., mass care center) listed above to await your arrival.

Children will only be released to parents or legal guardians unless prior written arrangements have been made. Please complete the attached form, designating who can pick-up your child and have the child return the form to school.

Should sheltering be recommended, your child will be sheltered in his own school building, if that building is located in the risk area whose population might have to shelter, (EPZ), until the sheltering advisory is lifted. If your child attends school outside the risk area (EPZ), and your home is within the risk area (EPZ), the child will remain at his/her own school until the shelter advisory is lifted. Should the shelter advisory delay dismissal of students, you will be notified by radio, as you would be during a snow emergency, etc.

In order to insure the safety of the District's school children, I urgently request the cooperation of all parents.

Sincerely,

James R. Repley
Superintendent

ATTACHMENT 5

SCHOOL EVACUATION EBS ANNOUNCEMENT

The following message has been released by the Berks County Emergency Management Agency. It supplements instructions given to the public relative to the general evacuation announcement for an approximate ten-mile radius around the Limerick Generating Station.

"Parents with children attending school within a ten-mile radius of the Limerick Generating Station are advised that their children are subject to a separate evacuation plan while school is in session. Children will be bused directly to schools outside the risk area. Parents are to meet their children at designated host schools located outside the emergency zone. I repeat, children will be bused directly to schools outside the risk area where parents are to meet their children. Parents are not to report to their children's school.

Parents of school children who live within an approximate ten-mile radius of the Limerick Generating Station and whose children attend schools beyond that distance are advised that their children will be cared for at their own school until they can be picked up.

Children attending schools within the risk area of Berks County will be bused to the following locations where they can be picked up:

All students of the Boyertown Area School District attending the following buildings will be bused to Kutztown University of Pennsylvania in Kutztown.

Boyertown Area Senior High
Boyertown Area Junior High East
Boyertown Area Junior High West
Lincoln School Special Education Students

All students of the Boyertown Area School District attending the following buildings will be bused to Kutztown Junior High School/ Kutztown Elementary School in Kutztown:

Lincoln School Head Start Students
Boyertown Elementary School
Colebrookdale Elementary School
Gilbertsville Elementary School
New Hanover/Upper Frederick Elementary School
Pine Forge Elementary School
Earl Elementary School
Washington Elementary School

All students of the Amity Elementary Center will be bused to the Daniel Boone Area High School in Birdsboro.

Students from the Montessori Academy of Pennsylvania in Boyertown will be bused to the Kutztown Area Junior High/Kutztown Elementary School.

Students from the Wayside Christian School in Boyertown will be bused to the administrator's home in Pikeville.

Students from the Pine Forge Academy and the Pine Forge SDA Elementary School will be bused to the Blue Mountain Academy in Hamburg.

(Repeat list one time and continue message.)

Parents are urged not to telephone or to go to the school that their children are attending. This will only create confusion. Parents are to meet their children at the assigned host schools. I repeat, parents are urged not to telephone or to go to the school that their children are attending, but to meet their children at assigned host schools.

For more information, please refer to the school information and public information previously provided to you.

The preceding has been an announcement by the Berks County Emergency Management Agency giving parents instructions on where to meet their children who are attending school within an approximate ten-mile radius around the Limerick Generating Station."

(Repeat this message one time then end transmission.)

(This message shall be broadcast along with the General Evacuation announcement when instructions are given by the Emergency Management Agency to do so.)

ATTACHMENT 6

AGREEMENTS

Note: Agreements are on file at the District Office and Berks County EMA.

ATTACHMENT 7

BOYERTOWN AREA SCHOOL DISTRICT
Boyertown, Pennsylvania

SCHOOL CALENDAR
1984-1985

BOYERTOWN AREA SCHOOL DISTRICT
Boyertown, Pennsylvania
1984-85 CALENDAR

<u>1984</u>		<u>Student Holidays</u>
September	8	First Day for Students
	25	Early Dismissal (Elementary)
October	18	Early Dismissal (Elementary)
November	2	Staff and Program Development Meetings (No School for Students)
	7	Early Dismissal (Elementary)
	13	Early Dismissal (Elementary)
	14	Staff and Program Development Meetings/ Elementary Parent-Teacher Conferences (No School for Students)
	15	Early Dismissal (Elementary)
	22, 23, 26	Thanksgiving Holiday
December	24, 25, 26	Christmas Holiday
	27, 28, 31	
 <u>1985</u>		
January	1	New Year's Holiday
	30	Early Dismissal (Elementary)
February	18	President's Holiday
	28	Early Dismissal (Elementary)
March	15	Staff and Program Development Meetings (No School for Students)
	27	Early Dismissal (Elementary)
	28	Conferences for students in grades K, 1, 2 and Elementary EHR. All other students will have a regular school day.
April	2	Early Dismissal (Elementary)
	5, 8	Spring Holiday
	10	Early Dismissal (Elementary)
May	27	Memorial Day Holiday
June	12	Last Day for Students