

742

RELATED CORRESPONDENCE

PHILADELPHIA ELECTRIC COMPANY

2301 MARKET STREET

P.O. BOX 8699

PHILADELPHIA, PA. 19101

(215) 841-4000

DOCKETED
USNRC

'84 AGO 17 P3:26

OFFICE OF PUBLIC AFFAIRS
DOCKETING & SERVICE
BRANCH

August 15, 1984

- EDWARD G. BAUER, JR.
VICE PRESIDENT
AND GENERAL COUNSEL
- EUGENE J. BRADLEY
ASSOCIATE GENERAL COUNSEL
- DONALD BLANKEN
- RUDOLPH A. CHILLEM
- E. C. KIRK HALL
- T. H. MAHER CORNELL
- PAUL AUERBACH
ASSISTANT GENERAL COUNSEL
- EDWARD J. CULLEN, JR.
- THOMAS H. MILLER, JR.
- IRENE A. MCKENNA
ASSISTANT COUNSEL

Ms. Maureen Mulligan
 Limerick Ecology Action
 762 Queen Street
 Pottstown, PA 19464

Re: Limerick Generating Station, Units 1 and 2
Docket Nos. 50-352 & 50-353 01

Dear Ms. Mulligan:

In accordance with the Board's Order of June 1, 1982, I am forwarding to you copies of correspondence and documents regarding emergency planning among Applicant, NRC Staff, the Commonwealth of Pennsylvania and other responsible governmental agencies. These documents supplement the material which was forwarded by our letter dated August 10, 1984, and provide additional correspondence dated July 12, 1984 and July 30, 1984.

Very truly yours,

Edward J. Cullen, Jr.

EJC, JR./pkc
 encls.
 cc: See Attached Service List
 0000q/0006q

8408200286 840815
 PDR ADDCK 05000352
 G PDR

D503

cc: Judge Lawrence Brenner	(w/o enclosure)
Judge Peter A. Morris	(w/o enclosure)
Judge Richard F. Cole	(w/o enclosure)
Troy B. Conner, Jr., Esq.	(w/enclosure)
Ann P. Hodgdon, Esq.	(w/enclosure)
Mr. Frank R. Romano	(w/o enclosure)
Mr. Robert L. Anthony	(w/o enclosure)
Zori G. Ferkin, Esq.	(w/enclosure)
Mr. Thomas Gerusky	(w/o enclosure)
Director, Pennsylvania Emergency Management Agency	(w/o enclosure)
Charles W. Elliott, Esq.	(w/o enclosure)
Angus Love, Esq.	(w/o enclosure)
David Wersan, Esq.	(w/o enclosure)
Robert J. Sugarman, Esq.	(w/o enclosure)
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)



ENERGY CONSULTANTS

RIVERSIDE OFFICE CENTER 3/2101 N. FRONT ST. / HARRISBURG / PA 17110 / PH. (717) 236-0031
CORPORATE OFFICE: 121 SEVENTH STREET PITTSBURGH PA 15202-3487 PH. (412) 434-5200

July 30, 1984

Mr. Robert L. Reber, Director
Berks County Emergency
Management Agency
Berks County Agriculture Center
Leesport, PA 19533

Dear Bob:

Enclosed for your review are copies of the Berks County Draft 2 Implementing Procedures.

If you have any questions or comments, please don't hesitate to call me.

Sincerely,

John F. Long, Jr.

JFL/dlt

Enclosures

IMPLEMENTING PROCEDURE

EMA DIRECTOR

I. PURPOSE

The purpose of this procedure is to support Berks County's response to an incident at the Limerick Generating Station by providing for the overall direction and coordination of the County's response.

II. SITUATION

- A. There are seven (7) Berks County municipalities located in whole or in part within the Limerick plume exposure pathway emergency planning zone (EPZ).
- B. These seven (7) risk municipalities will be directly affected by a protective response covering the entire Limerick EPZ.
- C. The non-risk areas of Berks County have been designated as a support area for Limerick. In the event of an evacuation of the EPZ, evacuees from areas of Chester, Montgomery and Berks Counties will relocate to the support areas of Berks County.
- D. Depending upon the incident classification, an incident at Limerick may require the partial or total activation of the Berks County Emergency Operations Center, under the direction of the EMA Director.

III. RESPONSIBILITIES

- A. The Berks County Commissioners are responsible for the direction and control of Berks County's response to an incident at Limerick. The Commissioners have appointed an Emergency Management Director who acts as their chief of staff in directing emergency operations.

B. The EMA Director is responsible for the following:

1. Development and maintenance of a radiological emergency response plan for Berks County.
2. Development and provision of training programs to ensure an adequate level of response by county agencies and personnel.
3. Direction and coordination of the activities of all staff groups and emergency forces.
4. Briefings to the County Commissioners on the situation regarding Berks County.
5. Receipt, evaluation and dissemination of information on behalf of the County Commissioners, in conjunction with the Public Information Officer.

IV. OPERATIONAL PROCEDURES

A. UNUSUAL EVENT

1. Notification during regular office hours will be received from the Limerick Generating Station via the LGS off-premises extension.
2. Notification after regular office hours will be relayed from the Berks County Communications Center.
3. Officially log the message and time received.

_____ (time
completed)

4. Review procedures for ALERT.

B. ALERT

1. Notification during regular office hours will be received from the Limerick Generating Station via the LGS off-premises extension.
2. Notification after regular office hours will be relayed from the Berks County Communications Center.

_____ 3. Officially log the message and time received.
(time completed)

_____ 4. Notify the Communications Officer, instructing him to report to the Communication Center and initiate the ALERT notification sequence (reference Attachment A).

_____ 5. Notify the Berks County Commissioners.

_____ 6. Report to the EOC.

7. Contact the following EOC staff and direct them to report to the EOC (reference Attachment B):

_____	Operations Officer	_____
(time notified)		(time arrived)

_____	School Services Officer (if public schools are in session)	_____
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_____	Radiological Officer	_____
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_____	Situation Analysis Officer (Municipal Liaison)	_____
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_____	Public Information Officer	_____
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8. Contact the following EUC staff, inform them of the situation, and request them to implement appropriate procedures from their home/office (reference Attachment B):

(time
notified)

Fire Coordinator

Police Services Coordinator

Medical Coordinator

School Services Officer (if schools are not in session)

Mass Care Officer

Transportation Coordinator

Agricultural Officer

Public Works Officer

9. Assist the Operations Officer in activating the EOC (reference EUC Operations SOP).

10. Assist the Radiological Officer in preparing municipal packages of dosimeters and KI.

11. Ensure that the Police Services Coordinator has arranged for Berks Heim Security staff to provide for EUC security, and has arranged for two (2) Sheriff's Department vehicles to deliver municipal dosimeter/KI packages.

12. In the event that it has not been possible to contact certain EOC staff, assign available staff to complete their assigned procedures.

13. If notified by PEMA that the siren system is to be activated at this classification:

- _____ a. Coordinate the activation time with PEMA and the other risk counties, and announce the time to all EOC staff.
- _____ b. Coordinate with the Fire Coordinator to ensure that route alert teams are mobilized.
- _____ c. Call EBS radio station WHUM at 376-3987 and instruct them to initiate broadcast of the appropriate EBS or public information message commencing at the designated siren activation time.
- _____ d. Activate the system at the designated time.
- _____ e. Ensure the dispatch of route alert teams as needed in the event of siren failures.

_____ 14. Review procedures for SITE EMERGENCY.

15. Maintain ALERT status until incident escalation or reduction or termination.

NOTES:

C. SITE EMERGENCY

1. Notification during regular office hours will be received from the Limerick Generating Station via the LGS off-premises extension.
2. Notification after regular office hours will be relayed from the Berks County Communications Center.
- _____ 3. Officially log the message and time received.
(time completed)
- _____ 4. Notify the Communications Officer, instructing him to report to the County EOC and initiate the SITE EMERGENCY notification sequence (reference Attachment A).
- _____ 5. Notify the Berks County Commissioners and request one or more to report to the EOC.
- _____ 6. Report to the EOC.
- _____ 7. Contact all EOC staff not currently on hand and direct them to report to the EOC immediately (reference Attachment B).
- _____ 8. Assist the Operations Officer in fully activating the EOC (reference EOC Operations SOP).
- _____ 9. Ensure that the Radiological Officer has prepared and distributed municipal packages of dosimeters/KI.
- _____ 10. Ensure the Police Services Coordinator has arranged for EOC security and vehicles to deliver municipal dosimeters/KI.
- _____ 11. In the event that it has not been possible to contact certain EOC staff, assign available staff to complete their assigned procedures.

- _____ 12. Coordinate with the Public Information Officer to establish the Media Center in the first floor auditorium.
13. If notified by PEMA that the siren system is to be activated at this classification:
 - _____ a. Coordinate the activation time with PEMA and the other risk counties, and announce the time to all EOC staff.
 - _____ b. Coordinate with the Fire Coordinator to ensure that route alert teams are mobilized.
 - _____ c. Call EBS radio station WHUM at 376-3987 and instruct them to initiate broadcast of the appropriate EBS or public information messages commencing at the designated siren activation time.
 - _____ d. Activate the system at the designated time.
 - _____ e. Ensure the dispatch of route alert teams as needed in the event of siren failures.
- _____ 14. Review procedures for GENERAL EMERGENCY.
15. Maintain SITE EMERGENCY status until incident escalation or reduction or termination.

NOTES:

D. GENERAL EMERGENCY

1. Notification during regular office hours will be received from the Limerick Generating Station via the LGS off-premises extension.
2. Notification after regular office hours will be relayed from the Berks County Communications Center.
- _____ 3. Officially log the message and time received.
(time completed)
4. If there is a protective action recommendation included in the initial notification message:
 - _____ a. Direct Communications Center staff to confirm the notification via regular confirmation procedures.
 - _____ b. Set a time for activation of the siren system (no greater than 15-20 minutes from present time).
 - _____ c. Instruct Communications Center staff to activate the siren system at the designated time.
 - _____ d. Call EBS radio station WHUM at 376-3987 and instruct them to initiate broadcast of the appropriate EBS message commencing at the designated siren activation time.
- _____ 5. Notify the Communications Officer, instructing him to report to the County EOC and initiate the GENERAL EMERGENCY notification sequence (reference Attachment A).
- _____ 6. Notify the Berks County Commissioners.

- _____ 7. Report to the EUC.
- _____ 8. Contact all EOC staff not currently on hand and direct them to report to the EOC immediately (reference Attachment B).
- _____ 9. Assist the Operations Officer in fully activating the EOC (reference EOC Operations SOP).
- _____ 10. Ensure that the Radiological Officer has prepared and distributed municipal packages of dosimeters/KI.
- _____ 11. Ensure that the Police Services Coordinator has arranged for EOC security and vehicles to deliver municipal dosimeters/KI.
- _____ 12. In the event that it has not been possible to contact certain EOC staff, assign available staff to complete their assigned procedures.
- _____ 13. Coordinate with the Public Information Officer to establish the Media Center in the first floor auditorium.
- _____ 14. Ensure that the Public Information Officer has coordinated with the Public Works Officer to identify areas of road construction, detours, etc. and modified the evacuation EBS announcements accordingly. Assist as necessary in designating alternative evacuation routes.
- _____ 15. If the public alert system is to be activated while the EOC is fully staffed and operational:
 - _____ a. Coordinate the activation time with PEMA and the other risk counties, and announce the time to all EOC staff.
 - _____ b. Coordinate with the Fire Coordinator to ensure that route alert teams are mobilized.

- _____ c. Call EBS radio station WHUM at 376-3987 and instruct them to initiate broadcast of the appropriate EBS messages commencing at the designated siren activation time.
 - _____ d. Activate the system at the designated time.
 - _____ e. Ensure the dispatch of route alert teams as needed in the event of siren failure.
-
- _____ 16. Provide periodic status reports to the County Commissioners and EOC staff.
 - _____ 17. Oversee the implementation of protective action recommendations/orders as directed by the Commissioners. Ensure that all EOC staff implement appropriate protective action procedures.
 - 18. Maintain GENERAL EMERGENCY status until incident reduction on termination.

NOTES:

ATTACHMENTS

Attachment A: Berks County Consolidated Notification Sequence

Attachment B: EUC Staff and Alternates

IMPLEMENTING PROCEDURE

EMA DIRECTOR

ATTACHMENT A

BERKS COUNTY CONSOLIDATED NOTIFICATION SEQUENCE

<u>PARTY</u>	<u>MODE OF NOTIFICATION*</u>	<u>REFERENCE</u>	<u>REGULAR RESPONSIBILITY</u>
I. UNUSUAL EVENT			
EMA Director	T,P	[REDACTED] (H)	BCC ¹
Director of Communications	T,P	[REDACTED] (H)	BCC
II. ALERT			
EMA Director	T,P	[REDACTED] (H)	BCC
Director of Communications	T,P	[REDACTED] (H)	BCC
County Commissioners	T	Plan, A-1-1	EMA Director
Municipal EMA Coordinators	T	Plan, C-5-1	EMA Director
Police Departments	R,T	Plan, F-1-1	BCC
State Police	R,T	372-4711	BCC
Fire Departments	R,T	Plan, E-2-1	BCC
EMS Services	R,T	Plan, G-4-1	BCC
Public Information Officer	T	375-6121	EMA Staff
		ext. 270 (U)	
		[REDACTED] (H)	
Police Coordinator	T,P,R	375-6121	EMA Staff
		ext. 232 (U)	
		[REDACTED] (H)	
Red Cross Liaison	T	375-4383 (U)	EMA Staff
		[REDACTED] (H)	
School Services Officer	T	779-7111 (U)	EMA Staff
		[REDACTED] (H)	
Schools	T	Plan, N-1-1	School Services Officer
Fire Coordinator	T	375-6121	EMA Staff
		ext. 255 (U)	
		[REDACTED] (H)	
Medical Coordinator	T	376-4841 (U)	EMA Staff
		[REDACTED] (H)	
Mass Care Coordinator	T	375-4383 (U)	EMA Staff
		[REDACTED] (H)	
Situation Analysis Officer	T	375-6121	EMA Staff
		ext. 230 (U)	
		[REDACTED] (H)	

*T = Telephone

R = Radio

P = Pager

¹Berks County Communications

<u>PARTY</u>	<u>MODE OF NOTIFICATION</u>	<u>REFERENCE</u>	<u>REGULAR RESPONSIBILITY</u>
Radiological Officer	T	371-5344 (O) [REDACTED] (H)	EMA Staff
Public Works Officer	T	375-6121 ext. 220 (O) [REDACTED] (H)	EMA Staff
Transportation Coordinator	T	921-0604 (U) [REDACTED] (H)	EMA Staff
Agriculture Officer	T	372-4655 (U) [REDACTED] (H)	EMA Staff
Operations Officer	T	777-7811 (U) [REDACTED] (H)	EMA Staff
RACES	T	372-4711 (O) [REDACTED] (H)	EMA Staff
Industries/Utilities	T	Plan, X-1-1, X-2-1	Public Works Officer
EBS Radio Station	T,R	376-3987	Public Information Officer
Transportation Resources	T	Plan, I-5-1	Transportation Officer
State/Federal Parks	T,P	Plan, X-1-1	Public Works Officer
Transportation Systems	T	I-4-1	Transportation Officer
Staging Area Staff	T	I-2-1	Transportation Officer
Reception Center Staff	T	L-7-1	Transportation Officer

III. SITE EMERGENCY

EMA Director	T,P	[REDACTED] (H)	BCC
Director of Communications	T,P	[REDACTED] (H)	BCC
County Commissioners	T	Plan, A-1-1	EMA Director
Municipal EMA Coordinators	T	Plan, C-5-1	EMA Director
Police Departments	R,T	Plan, F-1-1	BCC
State Police	R,T	372-4711	BCC
Fire Departments	R,T	Plan, E-2-1	BCC
EMS Services	R,T	Plan, G-4-1	BCC
Public Information Officer	T	375-6121 ext. 270 (O) [REDACTED] (H)	EMA Staff
Police Coordinator	T,P,R	375-6121 ext. 232 (O) [REDACTED] (H)	EMA Staff
Red Cross Liaison	T	375-4383 (U) [REDACTED] (H)	EMA Staff
School Services Officer	T	779-7111 (U) [REDACTED] (H)	EMA Staff
Schools	T	Plan, N-1-1	School Services Officer

<u>PARTY</u>	<u>MODE OF NOTIFICATION</u>	<u>REFERENCE</u>	<u>REGULAR RESPONSIBILITY</u>
Fire Coordinator	T	375-6121 ext. 255 (U) [REDACTED] (H)	EMA Staff
Medical Coordinator	T	376-4841 (U) [REDACTED] (H)	EMA Staff
Mass Care Coordinator	T	375-4383 (U) [REDACTED] (H)	EMA Staff
Situation Analysis Officer	T	375-6121 ext. 230 (U) [REDACTED] (H)	EMA Staff
Radiological Officer	T	371-5344 (U) [REDACTED] (H)	EMA Staff
Public Works Officer	T	375-6121 ext. 220 (U) [REDACTED] (H)	EMA Staff
Transportation Coordinator	T	921-0604 (U) [REDACTED] (H)	EMA Staff
Agriculture Officer	T	372-4655 (U) [REDACTED] (H)	EMA Staff
Operations Officer	T	777-7811 (U) [REDACTED] (H)	EMA Staff
RACES	T	372-4711 (U) [REDACTED] (H)	EMA Staff
Industries/Utilities	T	Plan, X-1-1, X-2-1	Public Works Officer
EBS Radio Station	T,R	376-3987	Public Information Officer
Transportation Resources	T	Plan, I-5-1	Transportation Officer
State/Federal Parks	T,P	Plan, X-1-1	Public Works Officer
Transportation Systems	T	I-4-1	Transportation Officer
Staging Area Staff	T	I-2-1	Transportation Officer
Reception Center Staff	T	L-7-1	Transportation Officer
Decon. Monitoring Teams	T,R	Plan, M-2-1	Radiological Officer
Reception Centers	T	Plan, L-1-1	Mass Care Officer
Reception Center Staff	T,R	Plan, L-7-1	Mass Care Officer
Mass Care Centers	T	Plan, L-1-1	Mass Care Officer
Staging Areas	T	Plan, I-2-1	Transportation Officer
Emergency Worker Decon. Stations	T	Plan, E-5-1	Radiological Officer
Host Schools	T	Plan, N-8-1	School Services Officer
Transportation Resources	T	Plan, I-5-1	Transportation Officer
Fuel Resources	T	Plan, K-3-1	Public Works Officer

<u>PARTY</u>	<u>MODE OF NOTIFICATION</u>	<u>REFERENCE</u>	<u>REGULAR RESPONSIBILITY</u>
Road Clearance Resources	T	Comm. Center	Public Works Officer
Access Control Staff	T,R	Plan, F-3-1	Police Coordinator
Traffic Control Staff	T,R	Plan, K-2-1	Police Coordinator
Central Resource Receiving Point Manager	T	[REDACTED]	Public Works Officer

IV. GENERAL EMERGENCY

EMA Director	T,P	[REDACTED] (H)	BCC
Director of Communications	T,P	[REDACTED] (H)	BCC
County Commissioners	T	Plan, A-1-1	EMA Director
Municipal EMA Coordinators	T	Plan, C-5-1	EMA Director
Police Departments	R,T	Plan, F-1-1	BCC
State Police	R,T	372-4711	BCC
Fire Departments	R,T	Plan, E-2-1	BCC
EMS Services	R,T	Plan, G-4-1	BCC
Public Information Officer	T	375-6121 ext. 270 (O) [REDACTED] (H)	EMA Staff
Police Coordinator	T,P,R	375-6121 ext. 232 (O) [REDACTED] (H)	EMA Staff
Red Cross Liaison	T	375-4383 (U) [REDACTED] (H)	EMA Staff
School Services Officer	T	779-7111 (U) [REDACTED] (H)	EMA Staff
Schools	T	Plan, N-1-1	School Services Officer
Fire Coordinator	T	375-6121 ext. 255 (O) [REDACTED] (H)	EMA Staff
Medical Coordinator	T	376-4841 (O) [REDACTED] (H)	EMA Staff
Mass Care Coordinator	T	375-4383 (U) [REDACTED] (H)	EMA Staff
Situation Analysis Officer	T	375-6121 ext. 230 (O) [REDACTED] (H)	EMA Staff
Radiological Officer	T	371-5344 (U) [REDACTED] (H)	EMA Staff
Public Works Officer	T	375-6121 ext. 220 (O) [REDACTED] (H)	EMA Staff
Transportation Coordinator	T	921-0604 (U) [REDACTED] (H)	EMA Staff
Agriculture Officer	T	372-4655 (U) [REDACTED] (H)	EMA Staff
Operations Officer	T	777-7811 (U) [REDACTED] (H)	EMA Staff

<u>PARTY</u>	<u>MODE OF NOTIFICATION</u>	<u>REFERENCE</u>	<u>REGULAR RESPONSIBILITY</u>
RACES	T	372-4711 (U) [REDACTED] (H)	EMA Staff
Industries/Utilities	T	Plan, X-1-1, X-2-1	Public Works Officer
EBS Radio Station	T,R	376-3987	Public Information Officer
Transportation Resources	T	Plan, I-5-1	Transportation Officer
State/Federal Parks	T,P	Plan, X-1-1	Public Works Officer
Transportation Systems	T	I-4-1	Transportation Officer
Staging Area Staff	T	I-2-1	Transportation Officer
Reception Center Staff	T	L-7-1	Transportation Officer
Decon. Monitoring Teams	T,R	Plan, M-2-1	Radiological Officer
Reception Centers	T	Plan, L-1-1	Mass Care Officer
Reception Center Staff	T,R	Plan, L-7-1	Mass Care Officer
Mass Care Centers	T	Plan, L-1-1	Mass Care Officer
Staging Areas	T	Plan, I-2-1	Transportation Officer
Emergency Worker Decon. Stations	T	Plan, E-5-1	Radiological Officer
Host Schools	T	Plan, N-8-1	School Services Officer
Transportation Resources	T	Plan, I-5-1	Transportation Officer
Fuel Resources	T	Plan, K-3-1	Public Works Officer
Road Clearance Resources	T	Comm. Center	Public Works Officer
Access Control Staff	T,R	Plan, F-3-1	Police Coordinator
Traffic Control Staff	T,R	Plan, K-2-1	Police Coordinator
Central Resource Receiving Point Manager	T	[REDACTED]	Public Works Officer
All County Police Depts.	R,T	Comm. Center	Police Services Coordinator
All County Fire Depts.	R,T	Comm. Center	Fire Coordinator
All County EMS Services	R,T	Comm. Center	Medical Coordinator
Fire Relocation Stations	R,T	Plan, E-3-1	Fire Coordinator
Police Relocation Stations	R,T	Plan, F-2-1	Police Services Coordinator
EMS Relocation Stations	R,T	Plan, G-3-1	Medical Coordinator

IMPLEMENTING PROCEDURE

EMA DIRECTOR

ATTACHMENT B

EOC STAFF AND ALTERNATES

COUNTY COMMISSIONERS

Donald Bagenstose, Chairman

OFFICE

375-6121
ext. 269

HOME

[REDACTED]

Anthony J. Carabello

375-6121
ext. 271

[REDACTED]

Vernon K. Shaffer

375-6121
ext. 270

[REDACTED]

COUNTY EMA STAFF

Robert L. Reber, Director
Jane Mountz

374-4800
374-4800

[REDACTED]

PUBLIC INFORMATION OFFICER

Vernon K. Shaffer

375-6121
ext. 270

[REDACTED]

Ronald R. Seaman, Deputy

375-6121

[REDACTED]

POLICE

John H. Kramer, Sheriff

375-6121
ext. 232

[REDACTED]

Charles B. Schealer, Chief Deputy

375-6121
ext. 261

[REDACTED]

FIRE

William Campbell, County Coordinator

375-6121
ext. 255

[REDACTED]

John S. McMullen, Deputy

375-2220
372-4734

[REDACTED]

NOTE: Telephone numbers are reviewed and updated quarterly.

	<u>OFFICE</u>	<u>HOME</u>
<u>MEDICAL</u>		
Dr. Linwood Keller	376-4841	[REDACTED]
Ed R. Houp	373-7978	[REDACTED]
<u>MASS CARE/WELFARE</u>		
Carl Levan (RC) ¹	375-4383	[REDACTED]
Barry White (RC) ¹	375-4383	[REDACTED]
Peter M. Goda, Sr. (RC) ¹	375-4383	[REDACTED]
Capt. Barry Wilson (SA) ²	373-5208	[REDACTED]
<u>SITUATION ANALYSIS</u>		
Fay Sallack	375-6121 ext. 230	[REDACTED]
Gerald Wert	375-6121 ext. 231	[REDACTED]
<u>RADEF</u>		
John W. Zitrick	371-5344	[REDACTED]
Dr. Koderick Horning	582-8765	[REDACTED]
<u>SCHOOL SERVICES</u>		
Dr. Francis Deitrich	779-7111	[REDACTED]
<u>PUBLIC WORKS</u>		
Ronald Weaver	375-6121 ext. 220	[REDACTED]
William Wescott	375-6121 ext. 220	[REDACTED]

¹ Berks County Chapter, American Red Cross
² Salvation Army

OFFICEHOMETRANSPORTATION

Gerald Larish (BARTA) ³	921-0604	[REDACTED]
Frank Borkey (PENNDOT)	929-0766	[REDACTED]
James C. Burns (TEAMSTERS)	374-2165	[REDACTED]
Roger Hertz (BCIU) ⁴	779-7111	[REDACTED]

UTILITIES

William J. Armstrong, Jr. (UGI)	378-1331	[REDACTED]
Michael A. Fink (UGI)	378-1331	[REDACTED]
Robert Grant, Sr. (Met Ed)	929-3601	[REDACTED]
Charles Bolick (Met Ed)	929-3601	[REDACTED]
Edwina Schofer (P, P, & L)	678-7790	[REDACTED]
Jacob Bower (P, P, & L)	678-7790	[REDACTED]
Thomas P. Campisano (Bell)	376-9914	[REDACTED]

USDA EMERGENCY BOARD

Henry Bohn, Jr., Director	372-4655	[REDACTED]
Duane Pysner	372-4655	[REDACTED]

CIVIL AIR PATROL

Ronald Szurgot	1-326-2000 ext. 326	[REDACTED]
Charles Ubold	775-2600	[REDACTED]

MINISTRY

Rev. Earl W. Allen	375-6108	[REDACTED]
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MILITARY

Capt. William Stain (USMC)	333-1607	[REDACTED]
Lt. Edward Guthrie (USN)	378-0164	[REDACTED]
Thomas P. Allen (USAR)	921-0321	[REDACTED]
Lt. Col. William A. Hoffman (PNG)	378-4330	[REDACTED]

OPERATIONS OFFICER

Walter F. Shugar	777-7811	[REDACTED]
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³ Berks Area Transit Authority

⁴ Berks County Intermediate Unit

OFFICE

HOME

COMMUNICATIONS OFFICER

Millard E. Pullin, Jr.

378-5514
378-5508

[REDACTED]

RACES

Eric D. Olena
Richard E. Ahrens
William F. Ader
John T. Forry
Thomas Youngberg

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

[REDACTED]

REACT

Harold R. Miller, Sr.
Harold R. Miller, Jr.

--
--

[REDACTED]

MESSENGERS

(See CAP Commander)

CENTRAL RESOURCE RECEIVING POINT MANAGER

Fredrick E. Krieger

--

[REDACTED]

IMPLEMENTING PROCEDURE

COMMUNICATIONS OFFICER

I. PURPOSE

The purpose of this procedure is to support Berks County's response to an incident at the Limerick Generating Station, providing for coordinated communications between emergency management officials and public safety services.

II. SITUATION

- A. There are seven (7) municipalities located in whole or in part within the Berks County portion of the Limerick plume exposure pathway EPZ.
- B. There is one (1) ambulance service located within the Berks County portion of the EPZ.
- C. There are two (2) ambulance services located outside the EPZ which serve areas within the EPZ.
- D. There are three (3) municipal police departments located within the EPZ.
- E. There is one (1) municipal police department located outside the EPZ which serves an area within the EPZ.
- F. There are three (3) municipalities within the EPZ which are served by the Pennsylvania State Police.
- G. There are three (3) fire companies located within the EPZ.
- H. There are five (5) fire companies located outside the EPZ which serve areas within the EPZ.

- I. Those public safety services normally serving the EPZ will continue to provide their normal services in the event of an incident at Limerick.
- J. Normal dispatch procedures will remain in effect to the maximum extent possible. The Berks County Communications Center will provide information to the Boyertown Communications Center for relay to those public safety services normally dispatched by Boyertown.
- K. If the Boyertown Communications Center should be forced to suspend operations, the Berks County Communications Center shall assume dispatch responsibilities for those public safety services normally dispatched by Boyertown.

III. ESSENTIAL DEFINITIONS

- A. Public Alert System - The primary public alert system consists of a network of 27 high-output mechanical sirens strategically located throughout the Berks County section of the Limerick plume exposure pathway EPZ. These sirens, which are remotely controlled from the County Communications Center, serve as an audible signal to the general public to tune to their EBS station for emergency information.
- B. Risk Public Safety Agency - A fire, police or emergency medical services organization physically located within the Limerick plume exposure pathway EPZ.
- C. Route Alerting - A supplement to the public alert system using vehicles equipped with public address systems and door-to-door notification where necessary.
- D. Support Public Safety Agency - A fire, police or emergency medical services organization physically located outside the EPZ which serves areas within the EPZ.

IV. RESPONSIBILITIES

- A. The responsibility for the continued coverage of their respective service areas rests with the risk and support public safety agencies.
- B. The responsibility for supplemental notification of their respective coverage areas via route alerting rests with the individual risk and support fire companies.
- C. The Berks County Communications Officer is responsible for:
 - 1. Ensuring the prompt notification of public safety agencies in the event of an incident at Limerick.
 - 2. Ensuring the dispatch of public safety agencies as necessary to complete emergency assignments in response to an incident at Limerick.
 - 3. Assisting the EMA Director and EOC staff as necessary to ensure the timely notification of all affected parties.
 - 4. Overseeing the activation of the primary public alert system and the verification of siren activation and operation.

V. OPERATIONAL PROCEDURES

A. UNUSUAL EVENT

No action required by the Communications Officer. Communications Center staff will carry out the following:

- _____ 1. The dispatcher on duty will receive the initial notification of an incident after regular EMA hours.
(time completed)
- _____ 2. If requested by Montgomery County, mutual aid services should be dispatched to the Limerick station.
- _____ 3. The dispatcher on duty will log the message and immediately notify the EMA Director. If the EMA Director is unavailable, the Communications Center Director should be immediately notified.

NOTES:

B. ALERT

- _____ 1. Report to the EUC.
(time completed)
- _____ 2. Notify the relief Communications Officer to stand by (reference Attachment A).
- _____ 3. Initiate the notification sequence as directed by the EMA Director (reference Attachment B).
- _____ 4. Call in off-duty/ancillary telecommunicators if necessary.
- _____ 5. Ensure that radio notifications of public safety organizations are carried out as directed by the EMA Director or the respective EUC Officer.
- _____ 6. Contact the RACES Officer, directing that the RACES net be activated and the total number of available units be determined. Assign RACES units and dispatch to risk municipal EOC and school district offices (if school is in session) (reference Attachments C and D).
- _____ 7. Test radio and land-line communications links with Montgomery and Chester Counties, PEMA and the Limerick Station.
- _____ 8. Should the public alert siren system be required at this incident classification, coordinate with the EMA Director to activate the system, and verify the activation and proper functioning of all Berks County sirens.
- _____ 9. Should any sirens malfunction, determine the location of the malfunctioning siren, identify the appropriate fire department to route alert the affected area, and in coordination with the Fire Coordinator, direct the dispatch of the appropriate fire department to the affected area (reference Attachment E.)

- _____ 10. Review procedures for SITE EMERGENCY.
11. Maintain ALERT status until incident escalation or reduction or termination.

NOTES:

C. SITE EMERGENCY

- _____ 1. Report to the County EOC.
(time
completed)
- _____ 2. Notify and brief the relief Communications Officer, placing on standby status, and prepare for extended (12-hour shift) operations (reference Attachment A).
- _____ 3. Initiate the notification sequence as directed by the EMA Director, briefing as required (reference Attachment B).
- _____ 4. Call in off-duty/ancillary telecommunicators, and consider operating on 12-hour shifts for the duration of the emergency.
- _____ 5. Ensure that radio notifications/dispatch of public safety organizations are carried out by Communications Center staff and RACES operators as directed by the EMA Director or the respective EOC Officer.
- _____ 6. Coordinate with the RACES Officer, determining units available and assigning as requested by the EMA Director or the respective EOC Officer (reference Attachment C).
- _____ 7. Should the public alert siren system be required at this incident classification, coordinate with the EMA Director to activate the system, and verify the activation and proper functioning of all Berks County sirens.
8. If any sirens malfunction:
 - _____ a. determine the location of the malfunctioning sirens
 - _____ b. identify the affected route alerting zone(s) (reference Attachment E)

- _____ c. coordinate with the Fire Coordinator to identify appropriate route alert team(s)
- _____ d. direct the dispatch of appropriate route alert team(s)
- _____ 9. Review procedures for GENERAL EMERGENCY.
- 10. Maintain SITE EMERGENCY status until incident escalation or reduction or termination.

NOTES:

D. GENERAL EMERGENCY

- _____ 1. Report to the County EOC.
(time
completed)
- _____ 2. Ensure that the General Emergency is immediately announced on all County communications nets.
- _____ 3. Initiate the notification sequence as directed by the EMA Director, briefing as required (reference Attachment B).
- _____ 4. Notify and brief the relief Communications Officer, placing on standby status, and implement extended (12-hour shift) operations (reference Attachment A).
- _____ 5. Call in off-duty/ancillary telecommunicators as needed. Place telecommunications staff on 12-hour shifts.
- _____ 6. Ensure that radio notifications/dispatch/continued communications between EOC staff and emergency workers are carried out by Communications Center staff and RACES operators as requested by the EMA Director or the respective EOC Officer.
- _____ 7. When the designated siren activation time arrives, coordinate with the EMA Director to activate the system, and verify the activation and proper functioning of all Berks County sirens.
- _____ 8. If any sirens malfunction:
 - _____ a. determine the location of the malfunctioning sirens
 - _____ b. identify the affected route alerting zone(s) (reference Attachment E)

- _____ c. coordinate with the fire coordinator to identify appropriate route alert team(s)
 - _____ d. direct the dispatch of appropriate route alert team(s)
9. Maintain communications with emergency workers throughout the implementation of any protective action recommendations as requested by EOC officers and the EMA Director.
- _____ 10. Maintain GENERAL EMERGENCY status until incident reduction or termination.

NOTES:

ATTACHMENTS


- Attachment A: Primary and Relief Communications Officers
- Attachment B: Berks County Consolidated Notification Sequence
- Attachment C: Primary and Relief RACES Officers
- Attachment D: Risk Municipal EOC's and School District Offices
- Attachment E: Fire Departments and Route Alert Zones

IMPLEMENTING PROCEDURE

COMMUNICATIONS OFFICER

ATTACHMENT A

PRIMARY AND RELIEF COMMUNICATIONS OFFICERS

1. Primary Communications Officer: Millard E. Pullin, Jr. 

2. Relief Communications Officer:

- TBJ -

IMPLEMENTING PROCEDURE

COMMUNICATIONS OFFICER

ATTACHMENT B

BERKS COUNTY CONSOLIDATED NOTIFICATION SEQUENCE

<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 = Pager; R = Radio

III. SITE EMERGENCY

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
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

IMPLEMENTING PROCEDURE

COMMUNICATIONS OFFICER

ATTACHMENT C

PRIMARY AND RELIEF RACES OFFICERS

Primary: Eric D. Olena



Relief: Richard E. Ahrens



IMPLEMENTING PROCEDURE

COMMUNICATIONS OFFICER

ATTACHMENT D

MUNICIPAL EOC AND SCHOOL DISTRICT OFFICE LOCATIONS

Amity Township	Amity Township Building
Boyertown Borough	Boyertown Borough Building 100 S. Washington Street
Colebrookdale Township	Colebrookdale Township Building
Douglass Township	Douglass Township Building
Earl Township	Earl Township Building
Union Township	Kulptown Fire Company #1 Route 345 South
Washington Township	Barto Fire Company
Boyertown Area School District	Old Rt. 100 1 mile North of Boyertown
Daniel Boone School District	Rt. 345 Birdsboro

IMPLEMENTING PROCEDURE

COMMUNICATIONS OFFICER

ATTACHMENT E

FIRE DEPARTMENTS AND ROUTE ALERT SECTORS

<u>MUNICIPALITY</u>	<u>SECTORS</u>	<u>DEPARTMENT</u>
Amity Township	1	Amity
	2	Amity
	3	Amity
	4	Amity
Boyertown Borough	1	Boyertown - Keystone
	2	Boyertown - Keystone
	3	Boyertown - Friendship
	4	Boyertown - Friendship
Colebrookdale Township	1	Boyertown - Keystone
	4	Liberty
	5	Liberty
Douglass Township	1	Boyertown - Keystone
	2	Boyertown - Keystone
	3	Boyertown - Keystone
	4	Amity
	5	Amity
	6	Amity
Earl Township	1	Earl Township (Shanesville)
Union Township	1	Kulptown
Washington Township	1	Barto
	2	Barto

IMPLEMENTING PROCEDURE

PUBLIC INFORMATION OFFICER

I. PURPOSE

The purpose of this procedure is to support Berks County's response to an incident at the Limerick Generating Station, ensuring that persons living, working or traveling in the Berks County section of the plume exposure pathway emergency planning zone are promptly advised of any protective action recommendations or other situation requiring their response.

II. SITUATION

- A. There are seven (7) municipalities located within the Berks County section of the plume exposure pathway EPZ.
- B. The Philadelphia Electric Company, in coordination with the Berks County EMA, has prepared and distributed emergency information to households and transient locations within the EPZ.
- C. The Philadelphia Electric Company has installed a public alert system within the EPZ. This system consists of a network of sirens. Those sirens located within Berks County are controlled by the Berks County EMA.
- D. The Berks County EMA has a designated telephone number for Rumor Control related to Limerick (215-374-4809). This number will be staffed by Berks County EMA secretarial personnel, backed up by Emergency Communications Center dispatchers.
- E. The Berks County EMA has designated the auditorium of the Berks County Agricultural Center as the County Media Center in the event of an incident at Limerick.

- F. The Berks County EMA has designated radio station WHUM (1240 AM) as its primary Emergency Broadcast System station.

III. ESSENTIAL DEFINITIONS

- A. Public Information Material - Material prepared and distributed annually to households and transient locations within the EPZ, providing emergency information specific to Limerick.
- B. Emergency Broadcast System - System utilizing local commercial radio stations to provide emergency information to the public in the event of local, regional or national emergency.

IV. RESPONSIBILITIES

- A. The Berks County Commissioners are responsible for the release of prepared instructions to the public in the event of an incident at Limerick. Such releases should be coordinated with the PEMA Public Information Officer.
- B. The Berks County Public Information Officer is responsible for activating the Media Center and for briefing news media as appropriate. All press releases will deal only with Berks County's response to the incident and will not address the specific situation at the Limerick Generating Station.
- C. The chairman of the Berks County Commissioners will serve as the County's spokesperson. He will be briefed by the Public Information Officer.
- D. The Berks County Public Information Officer is responsible for ensuring the adequate staffing and operation of the Rumor Control telephone, and will prepare written statements for Rumor Control staff.

V. OPERATIONAL PROCEDURES

A. UNUSUAL EVENT

No action necessary.

B. ALERT

- _____ 1. Report to the EOC if requested by the EMA Director.
(time
completed)
- _____ 2. Notify the deputy Public Information Officer to stand by
(reference Attachment A).
- _____ 3. Contact EBS radio station WHUM at 376-3987, advise them of the
ALERT, and place on standby status.
- _____ 4. Review all prepared EBS announcements (reference Attachment B).
- _____ 5. If the public alert (siren) system is to be activated at this
stage, coordinate informational message(s) with the EMA Director
and relay same to the EBS station along with the designated
siren activation time.
- _____ 6. Review procedures for SITE EMERGENCY.
- _____ 7. Maintain ALERT status until incident escalation or reduction or
termination.

NOTES:

C. SITE EMERGENCY

- _____ 1. Report to the EOC.
(time completed)
- _____ 2. Notify the relief Public Information Officer, place on standby status, and prepare for extended (12-hour shift) operations (reference Attachment A).
- _____ 3. Contact EBS Station WHUM at 376-3987, advise them of the SITE EMERGENCY and place or maintain on standby status.
- _____ 4. Review all prepared EBS announcements with EBS station staff (reference Attachment B).
- _____ 5. Staff and activate the Rumor Control telephone, developing standard information releases and coordinating staffing with the EMA Director and Operations Officer.
- _____ 6. Establish the Media Center in the first floor auditorium, preparing and releasing periodic public information statements and briefing the media as deemed necessary. All press releases and briefings should be approved by the County Commissioners and coordinated with the PEMA Public Information Officer.
- _____ 7. Ensure that security personnel direct all media representatives to the Media Center in the first floor auditorium.
- _____ 8. If the public alert (siren) system is to be activated at this stage, coordinate appropriate public information or EBS messages with the EMA Director and relay same to the EBS station along with the designated siren activation time.
- _____ 9. Coordinate with the Agricultural Officer to develop public information statements for farmers and livestock owners.

_____ 10. Review procedures for GENERAL EMERGENCY.

_____ 11. Maintain SITE EMERGENCY status until incident escalation or
reduction or termination.

NOTES:

D. GENERAL EMERGENCY

- _____ 1. Report to the EOC.
(time
completed)
- _____ 2. Notify the relief Public Information Officer of the GENERAL EMERGENCY, place on standby status, and implement extended (12-hour shift) operations (reference Attachment A).
- _____ 3. Notify EBS station WHUM at 376-3987 of the GENERAL EMERGENCY, review all prepared EBS messages with station personnel, and maintain on standby status (reference Attachment B).
- _____ 4. Ensure the continued operation of the Rumor Control telephone, preparing standard information releases for use by rumor control staff.
- _____ 5. Oversee the continued operation of the Media Center in the first floor auditorium, preparing press releases and holding briefings as appropriate.
- _____ 6. When the designated public alert (siren) system activation time is known, coordinate EBS messages appropriate to the recommended protective action and relay same to the EBS station with the designated siren activation time.
- _____ 7. Maintain GENERAL EMERGENCY status until incident reduction or termination.

NOTES:

ATTACHMENTS

Attachment A. Public Information Officer and Staff

Attachment B. Prepared EBS Messages

IMPLEMENTING PROCEDURE
PUBLIC INFORMATION OFFICER

ATTACHMENT A

PUBLIC INFORMATION OFFICER AND STAFF

		<u>OFFICE</u>	<u>HOME</u>
Public Information Officer:	Vernon K. Shaffer	375-6121 ext. 270	[REDACTED]
Deputy Public Information Officer:	Ronald R. Seaman	375-5212	[REDACTED]

IMPLEMENTING PROCEDURE
PUBLIC INFORMATION OFFICER
ATTACHMENT B
PREPARED EBS MESSAGES

1. Take Shelter Announcement
2. Selective Evacuation Announcement
3. General Evacuation Announcement
4. School Evacuation Announcement
5. Reentry and Recovery Announcement
6. EBS Station Announcement

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. 06053

Union Township - East of L.R. 06097

Washington Township - East of Route 100 and South of L.R. 06033

(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.)

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

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. 06053 (Powder Mill Road)

Union Township - East of L.R. 06097 (Shed Road)

Washington Township - East of Route 100 and South of L.R. 06033

(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.)

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 Borough
Colebrookdale Township
Douglass Township
Earl Township - South of L.R. U6053 (Powder Mill Road)
Union Township - East of L.R. U6097 (Sned 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.)

If you live in this area, you are requested to locate the Berks County 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. U6097 (Sned Road). Take Route 724 West.
Reception center is Cumru Elementary School in Snillington.

Amity Gardens of Amity Township. Take Route 422 West. Reception center is Reading Mall.

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

Douglass Township, Southern portion. West of L.R. 06155 to L.R. 06102 to Route 662 North. Northern portion - West on Route 562 to Route 662 North. Reception center is Oley Valley High School.

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

Colebrookdale Township, West of Route 100 and Boyertown Borough. West on Route 73. Reception center is Oley 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 Lehigh Valley.

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.)

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.)

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.)

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

For Montgomery County: Station KYW AM 1060

Other counties are not affected."

* Primary EBS stations read this message between EBS announcement.

IMPLEMENTING PROCEDURE

FIRE COORDINATOR

I. PURPOSE

The purpose of this procedure is to support Berks County's response to an incident at the Limerick Generating Station, assuring continued fire protection of the plume exposure pathway emergency planning zone and providing for supplemental emergency alerting of the general public within the plume exposure pathway EPZ.

II. SITUATION

- A. There are seven (7) municipalities located in whole or in part within the Berks County portion of the Limerick plume exposure pathway EPZ.
- B. There are three (3) fire companies located within the Berks County plume exposure pathway EPZ.
- C. There are five (5) Berks County fire companies located outside the plume exposure pathway EPZ which serve areas within the EPZ.
- D. Those fire companies normally serving the EPZ will continue to provide fire protection to that area in the event of a radiological emergency.
- E. Those fire companies normally serving the EPZ will provide a backup to the public alert siren system by route alerting areas in which the system has malfunctioned.
- F. Those fire companies located within the EPZ will relocate to pre-designated facilities outside the EPZ in the event of a general evacuation.

- G. Those fire companies normally serving the EPZ, supplemented as necessary by other Berks County fire companies, will continue to provide fire protection to the EPZ following a general evacuation, insofar as radiation levels allow.

III. ESSENTIAL DEFINITIONS

- A. Emergency Worker Monitoring/Decontamination Station - A facility located outside the EPZ where emergency workers are monitored for radioactive contamination and decontaminated if necessary.
- B. Relocation Point - A location outside the EPZ to which risk fire companies will relocate in the event of a general evacuation and from which will respond to missions in the EPZ as appropriate.
- C. Risk Fire Companies - Fire companies physically located within the plume exposure pathway EPZ.
- D. Route Alerting - A supplement to the public alert system using vehicles equipped with public address systems and door-to-door notification where necessary.
- E. Support Fire Companies - Fire companies physically located outside the EPZ which serve areas within the EPZ.

IV. RESPONSIBILITIES

- A. The responsibility for continued fire protection of their respective coverage areas rests with the individual fire companies, supplemented as necessary by outside resources.
- B. The responsibility for supplemental notification of their respective coverage areas via route alerting rests with the individual fire companies, supplemented as necessary by outside resources.

- C. Municipal Fire Services Officers are responsible for ensuring the continued provision of fire services to their municipality.
- D. The Berks County Fire Coordinator is responsible for:
 - 1. Coordinating fire services among EPZ municipalities.
 - 2. Responding to unmet municipal fire service needs.
 - 3. Coordinating the notification and dispatch of affected fire companies with the Communications Officer.
 - 4. Coordinating with the EMA Director regarding the determination of areas to be route alerted (in the event of siren system failure) and the designation of route alerting teams.

V. OPERATIONAL PROCEDURES

A. UNUSUAL EVENT

No action necessary.

B. ALERT

- _____ 1. Report to the EOC if requested by EMA Director.
(time completed)
- _____ 2. Notify the relief Fire Coordinator to stand by (reference Attachment A).
- _____ 3. Notify all risk and support fire companies of the ALERT, requesting them to review their own plans and procedures (reference Attachment B).

4. In the event the Public Alert System is to be activated:

- _____ a. Mobilize risk and support fire companies in quarters, ensuring that adequate equipment and personnel are on hand to conduct route alerting.
- _____ b. Notify risk and support fire companies of the designated public alert system activation time.
- _____ c. Ensure the dispatch of appropriate route alert teams in the event of siren malfunction (coordinate with Communications Officer and EMA Director) (reference Attachment C).
- _____ d. Note time of completion of route alerting as teams or municipalities report in.
- _____ e. Maintain risk and support fire companies on standby status.

_____ 5. Respond to any unmet municipal fire service needs.

_____ 6. Review procedures for SITE EMERGENCY.

7. Maintain ALERT status until incident escalation or reduction or termination.

NOTES:

C. SITE EMERGENCY

- _____ 1. Report to the EOC.
(time completed)
- _____ 2. Notify the relief Fire Coordinator to stand by and prepare for extended (12-hour shift) operations (reference Attachment A).
- _____ 3. Notify risk and support fire services of the SITE EMERGENCY and place or maintain on standby status, requesting that all out-of-service vehicles be given priority for return to service (reference Attachment B).
- _____ 4. Ensure that risk and support fire companies receive dosimeters and KI from their municipal EMA. (CAUTION: Emphasize that fire company personnel should not take KI unless recommended by the Pennsylvania Secretary of Health).
5. In the event the Public Alert System is to be activated:
 - _____ a. Mobilize risk and support fire companies in quarters, ensuring that adequate equipment and personnel are on hand to conduct route alerting.
 - _____ b. Notify risk and support fire companies of the designated public alert system activation time.
 - _____ c. Ensure the dispatch of appropriate route alert teams in the event of siren system malfunction (coordinate with Communications Officer and EMA Director) (reference Attachment C).
 - _____ d. Note time of completion of route alerting as teams or municipalities report in.

- _____ e. Maintain risk and support fire companies on standby status.
- _____ 6. Respond to any unmet municipal fire service needs.
- _____ 7. Review procedures for GENERAL EMERGENCY.
- _____ 8. Maintain SITE EMERGENCY status until incident escalation or reduction or termination.

NOTES:

D. GENERAL EMERGENCY

- _____ 1. Report to the EOC.
(time completed)
- _____ 2. Notify the relief Fire Coordinator to stand by and implement extended (12-hour shift) operations (reference Attachment A).
- _____ 3. Notify risk and support fire companies of the GENERAL EMERGENCY and mobilize route alert teams in quarters (reference Attachment B).
- _____ 4. When the time for activation of the public alert system is announced by the EMA Director, notify risk and support fire companies and ensure that adequate equipment and personnel are on hand to conduct route alerting.
- _____ 5. In the event of siren malfunction:
 - _____ a. Notify the affected municipality(ies) (Coordinate with Municipal Liaison)
 - _____ b. Ensure the dispatch of appropriate route alert teams (coordinate with Communications Officer and EMA Director) (Reference Attachment C).
- _____ 6. Note time of completion of route alerting as route alert teams or municipalities report in.
- _____ 7. If a General Evacuation has been ordered or recommended:
 - _____ a. Upon the completion of route alerting, ensure the dispatch of route alert teams to an emergency worker monitoring/decontamination station (if a contaminating incident) (reference Attachment D) and from there to pre-designated

relocation stations (reference Attachment E) or return to quarters (support companies only).

- _____ b. Ensure the dispatch of all risk fire company equipment and on-duty personnel to pre-designated relocation stations (reference Attachment E).
- _____ c. Notify the pre-designated relocation station (reference Attachment E) that relocating fire companies are enroute.

- _____ 8. If Sheltering has been ordered or recommended, upon the completion of route alerting, ensure the dispatch of route alert teams to an emergency worker monitoring/decontamination station (if directed by the Radiological Officer) (Reference Attachment D) and from there to return to quarters (support fire companies) or to preassigned relocation stations (risk fire companies) (reference Attachment E).

- _____ 9. If a Selective Evacuation is recommended, or if no protective action is ordered or recommended, ensure that route alert teams return to quarters and that all risk and support fire companies maintain standby status.

- _____ 10. Relay orders or recommendations regarding respiratory protection, protective clothing, and dosimetry and KI as received from the Radiological Officer.

- _____ 11. In the event of a General Evacuation, risk and support fire companies are requested to continue to provide fire protection to the evacuated area insofar as radiation levels allow (coordinate with the Radiological Officer).

- _____ 12. Respond to any unmet municipal fire service needs.

- _____ 13. Maintain GENERAL EMERGENCY status until incident reduction or termination.

NOTES:

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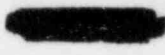
ATTACHMENTS

- Attachment A. Berks County Fire Coordinator and Staff
- Attachment B. Risk and Support Fire Companies
- Attachment C. Route Alert Zones
- Attachment D. Emergency Worker Monitoring/Decontamination Stations
- Attachment E. Relocation Stations for Risk Fire Companies

IMPLEMENTING PROCEDURE
FIRE COORDINATOR

ATTACHMENT A

BERKS COUNTY FIRE COORDINATOR AND STAFF

		<u>OFFICE</u>	<u>HOME</u>
County Fire Coordinator:	William Campbell	375-6121 Ext. 225	
Deputy Fire Coordinator:	John S. McMullen	375-2220 375-4734	

IMPLEMENTING PROCEDURE
FIRE COORDINATOR

ATTACHMENT B

RISK AND SUPPORT FIRE COMPANIES

I. Risk Fire Companies (located within EPZ):

<u>COMPANY NUMBER</u>	<u>NAME</u>	<u>EMERGENCY TELEPHONE</u>	<u>SOCIAL TELEPHONE</u>
15	Boyertown (Friendship)	367-2500*	367-2300
16	Boyertown (Keystone)	367-2500*	367-2200
17	New Berlinville (Liberty)	367-2500*	367-2400

II. Support Fire Companies (serving EPZ from outside):

<u>COMPANY NUMBER</u>	<u>NAME</u>	<u>EMERGENCY TELEPHONE</u>	<u>SOCIAL TELEPHONE</u>
6	Monocacy (Monarch)	County Comm.	385-3310
19	Shanesville (Earl Twp.)	367-2500*	369-1800
22	Barto	845-2877	845-7653
36	Kulptown (Union Twp.)	County Comm.	582-4730
49	Amity	County Comm.	689-9550

*Boyertown Communications Center

IMPLEMENTING PROCEDURE
FIRE COORDINATOR

ATTACHMENT C

ROUTE ALERT SECTORS

<u>MUNICIPALITY</u>	<u>SECTORS</u>	<u>DEPARTMENT</u>
Amity Township	1	Amity
	2	Amity
	3	Amity
	4	Amity
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
	5	Amity
	6	Amity
Earl Township	1	Earl Township (Shanesville)
Union Township	1	Kulptown
Washington Township	1	Barto
	2	Barto

IMPLEMENTING PROCEDURE
FIRE COORDINATOR

ATTACHMENT D

EMERGENCY WORKER MONITORING/DECONTAMINATION STATIONS

1. Northern Area: Oley Valley High School* (215) 987-6217 (days)
Main Street
Oley, PA
Robert Lesko [REDACTED] (nights)
Norman Reinert [REDACTED] (nights)
2. Southern Area: Daniel Boone Sr. High School** (days)
Birdsboro, PA [REDACTED] (nights)
Dr. Mainello

*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.

IMPLEMENTING PROCEDURE
FIRE COORDINATOR

ATTACHMENT E

RELOCATION STATIONS FOR RISK FIRE COMPANIES

<u>RISK FIRE COMPANY</u>	<u>RELOCATION STATION</u>
#15 Boyertown (Friendship)	#19 Earl Township Fire Company
#16 Boyertown (Keystone)	#20 Bechtelsville Fire Company
#17 New Berlinville (Liberty)	#14 Bally Fire Department

IMPLEMENTING PROCEDURE

POLICE SERVICES COORDINATOR

I. PURPOSE

The purpose of this procedure is to support Berks County's response to an incident at the Limerick Generating Station, assuring the continued provision of law enforcement within the plume exposure pathway emergency planning zone and providing for traffic control in the event of an evacuation and access control in the event of sheltering or a general evacuation.

II. SITUATION

- A. There are seven (7) Berks County municipalities located within the Limerick plume exposure pathway EPZ.
- B. There are three (3) municipal police departments located within the Berks County EPZ.
- C. There is one (1) municipal police department located outside the EPZ which serves areas within the EPZ.
- D. There are three (3) municipalities located in whole or in part within the EPZ which have no municipal police forces and which rely on the Pennsylvania State Police for regular police protection.
- E. Regular police protection within the EPZ in the event of a radiological emergency will be provided by the police departments normally serving that area.
- F. Police departments normally serving the EPZ will assist in traffic control in the event of an evacuation.

- G. Pennsylvania State Police will man Access Control Points in the event of sheltering or a general evacuation.
- H. In the event of a general evacuation, those police departments physically located within the EPZ will relocate to pre-designated facilities outside the EPZ.
- I. Those police departments normally serving the EPZ, supplemented as necessary by other police services, will continue to provide law enforcement services to the EPZ following a general evacuation, insofar as radiation levels allow.

III. ESSENTIAL DEFINITIONS

- A. Risk Police Department - Department physically located within the plume exposure pathway EPZ.
- B. Support Police Department - Department physically located outside the plume exposure pathway EPZ which normally serves an area within the EPZ.
- C. Relocation Point - Pre-designated location outside the plume exposure pathway EPZ to which risk police departments will relocate following a general evacuation.

IV. RESPONSIBILITIES

- A. The responsibility for the continued provision of law enforcement services to their respective jurisdictions rests with municipal police departments.
- B. The Pennsylvania State Police are responsible for access control of the EPZ perimeter in the event of sheltering or evacuation.
- C. The Pennsylvania State Police, supplemented by municipal police and fire police where necessary, will provide law enforcement and traffic control along evacuation routes.
- D. The Berks County Sheriff's Department will assist the Berks County EMA as requested.

- E. If ordered to State Active Duty by the Governor, the Pennsylvania National Guard will assist with the provision of security in the risk area.

V. OPERATIONAL PROCEDURES

A. UNUSUAL EVENT

No action necessary.

B. ALERT

- _____ 1. Report to the EOC if requested by EMA Director.
(time
completed)
- _____ 2. Contact Berks Heim security personnel at 376-4841 and direct them to send two (2) staff to establish security checkpoints at the EOC.
- _____ 3. Notify the relief Police Services Coordinator of the ALERT and direct him to stand by (reference Attachment A).
- _____ 4. Notify risk and support police departments of the ALERT (reference Attachment B).
- _____ 5. Dispatch two (2) Sheriff's Department vehicle with two (2) staff each to the County EOC to pick up municipal kits of dosimeters and KI. Staff should then deliver kits to municipal EOC's serving the Limerick EPZ (reference Attachment G).
- _____ 6. Notify Pennsylvania State Police Troop L in Reading of the ALERT.

- _____ 7. Coordinate with the Public Works Officer to identify any detours or areas under construction on evacuation routes.
- _____ 8. Review procedures for SITE EMERGENCY.
- _____ 9. Maintain ALERT status until incident escalation or reduction or termination.

NOTES:

C. SITE EMERGENCY

- _____ 1. Report to the EOC.
(time
completed)
- _____ 2. Notify the relief Police Services Coordinator of the SITE EMERGENCY, place on standby status and prepare for extended (12-hour shift) operations (reference Attachment A).
- _____ 3. Notify risk and support police departments of the SITE EMERGENCY, place them on standby status, and confirm that they are prepared to receive dosimeters and KI from their municipal EMA's and distribute same to all on-duty personnel. (NOTE: Emphasize to emergency workers that they should not administer radioprotective drugs to themselves until such time as the Secretary of Health recommends it.) (reference Attachment B).
- _____ 4. Notify police departments outside the EPZ which may have traffic control responsibilities.
- _____ 5. If a protective action is recommended at this point, or if local conditions warrant, ensure the dispatch of access control and traffic control personnel (reference Attachments C and D).
- _____ 6. Notify State Police Troop L in Reading of the SITE EMERGENCY.
- _____ 7. Request risk and support police departments to priority return out-of-service vehicles to service.
- _____ 8. Review procedures for GENERAL EMERGENCY.
- _____ 9. Maintain SITE EMERGENCY status until incident escalation or reduction or termination.

NOTES:

D. GENERAL EMERGENCY

_____ 1. Report to the EOC.

(time
completed)

_____ 2. Notify the relief Police Services Coordinator of the GENERAL EMERGENCY, maintain on standby, and implement extended (12-hour shift) operations (reference Attachment A).

_____ 3. Notify and mobilize risk and support police departments, relaying any protective action recommendations (reference Attachment B).

4. If a General Evacuation has been ordered or recommended:

_____ a. Ensure the dispatch of Access Control personnel and the activation of Access Control Points (reference Attachment C).

_____ b. Ensure the dispatch of Traffic Control personnel and the activation of Traffic Control Points (reference Attachment D).

_____ c. Notify and mobilize police departments outside the EPZ which may have traffic control responsibilities.

_____ d. Direct risk and support police departments to coordinate with municipal public works officers regarding signs, barricades and other necessary equipment.

_____ e. Direct risk and support police departments to render periodic situation reports.

_____ f. When the evacuation is complete, ensure the dispatch of risk and support police personnel to an emergency worker monitoring/decontamination station, and from there to pre-designated relocation points (risk companies only) (reference

Attachments E and F).

_____ g. Relay orders or recommendations regarding radioprotective drugs, dosimeters, respiratory protection and protective clothing as received from the Radiological Officer.

_____ h. Ensure the dispatch of risk and support police departments as necessary to continue to provide police protection to the evacuated area insofar as radiation levels allow (coordinate with the Radiological Officer).

_____ i. Upon notification of authorization to reenter the evacuated area, de-activate Access Control Points and re-establish Traffic Control Points (reference Attachment D).

5. If Sheltering has been recommended:

_____ a. Ensure the dispatch of Access Control personnel and the activation of Access Control Points (reference Attachment C).

_____ b. Direct risk and support police departments to remain mobilized and provide periodic status reports.

_____ c. Upon the completion of all missions, police emergency workers should be assigned to an emergency worker monitoring/decontamination station and from there to other missions or to take shelter in quarters.

_____ d. Relay orders or recommendations regarding radioprotective drugs, dosimeters, respiratory protection and protective clothing as received from the Radiological Officer.

_____ 6. Respond to any unmet law enforcement needs.

_____ 7. Maintain GENERAL EMERGENCY status until incident reduction or termination.

NOTES:

ATTACHMENTS

- Attachment A. Berks County Police Services Coordinator and Staff
- Attachment B. Risk and Support Police Departments
- Attachment C. Access Control Points
- Attachment D. Traffic Control Points
- Attachment E. Emergency Worker Monitoring/Decontamination Stations
- Attachment F. Relocation Points for Risk Police Departments
- Attachment G. Municipal EOC Locations

IMPLEMENTING PROCEDURE
POLICE SERVICES COORDINATOR

ATTACHMENT A

POLICE SERVICES COORDINATOR AND STAFF

		<u>OFFICE</u>	<u>HOME</u>
County Police Services Coordinator:	John H. Kramer, Sheriff	375-6121 ext. 232	[REDACTED]
County Police Deputy Coordinator:	Ed Sherman, Chief Deputy	375-6121 ext. 261	[REDACTED]

IMPLEMENTING PROCEDURE
POLICE SERVICES COORDINATOR
ATTACHMENT B
RISK AND SUPPORT POLICE DEPARTMENTS

I. Risk Police Departments (Located Within EPZ)

<u>Department</u>	<u>Chief</u>	<u>Telephone</u>
Boyertown		582-2688
Colebrookdale	Daniel H. Sands, Jr.	367-5550
Douglass	George C. Bush	367-2500*

II. Support Police Departments (serving EPZ from outside)

<u>Department</u>	<u>Chief</u>	<u>Telephone</u>
Amity	Maurice Eschbach	689-9800
Earl Pennsylvania State Union Washington	Police, Reading Barracks	378-4011

*Boyertown Dispatch

IMPLEMENTING PROCEDURE
POLICE SERVICES COORDINATOR
ATTACHMENT C
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 (Crusher Rd.)	No Traffic E. on Rt. 724	2
101	L.R. 06097 & L.R. 06153 (Crusher Rd.)	No Traffic E. on L.R. 06153	1
102	L.R. 06097 & T-349 T-349 (Park Rd.)	No Traffic E. on	1
<u>Amity Township</u>			
103*	PA Rt. 422 & L.R. 06059 (Weavertown Rd.)	No Traffic E. on Rt. 422	2
104	T-443 & T-464 (Hill Rd. & Gieger Rd.)	No Traffic E. on T-464	1
104-A A-2059	L.R. 06187 & A-2059 (Old Airport Rd.) & A-2059	No Traffic S. on L.R. 06187	1
105*	PA Rt. 562 & L.R. 06109 (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 (Grimm Mill Rd.) & (Houseman Rd.)	No Traffic E. on T-605	--
110	T-671 & T-337 (Old State Rd.) & (Kock Rd.)	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.) (Lochst 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	--
115	L.R. 06098 & T-652 (Hill Church Rd.) (Moyer Rd.)	No Traffic W. on T-652	--
116	L.R. 06098 & T-654 (N. Reading Ave.) (Mill St.)	No Traffic W. on T-654	--
117	PA Rt. 100 & T-615 (Miller Rd.)	No Traffic W. & E.	1
118	PA Rt. 100 & T-841 (Oberholtzer Rd.)	No Traffic E. on T-841	1
119	T-841 & L.R. 06033 (Oberholtzer Rd.) & (Congo Rd.)	No Traffic S. on T-841	1
120	T-668 (Co. Line Rd.) & L.R. 06033 (Congo Rd.) 06033	No Traffic S. on T-668 or E. on L.R.	1
121	T-553 (Co. Line Rd.) & A-975	No Traffic E. on	--
122	T-558 (Co. Line Rd.) & T-863	No Traffic S./E. on	--
123	T-865 & T-955	No Traffic E. on	--

* Denotes Access Control Post and Traffic Control Post Combined.

NOTE: No men assigned indicates barricades will be used.

IMPLEMENTING PROCEDURE
POLICE SERVICES COORDINATOR
ATTACHMENT D
TRAFFIC CONTROL POINTS

AMITY 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 Road)	2/PSP
A-1	PA Rte. 662 & 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 Road)	1/Amity Township
A-5	PA Rte. 662 & Pine Forge Rd.	1/Amity Township
A-6	PA Rte. 662 & Weavertown Road	1/Amity Township
A-7	PA Rte. 662 & L.R. 06109 (Old Airport Road)	1/Amity Township

BOYERTOWN BOROUGH

<u>Post</u>	<u>Location</u>	<u>Staffing</u>
B-1	S. Reading Ave. & Second Street	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

*Also Access Control Point.

B-5 Philadelphia Ave & Washington Street 1/Boyertown Borough

B-6 Washington St. & Third St. 1/Boyertown Borough

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.

DOUGLASSVILLE 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. 562 & Douglass Drive	1/Douglass Township
D-4	PA Rte. 422 & 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. 724 & River Bridge Road	- TBD -

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 Road)	2/PSP
U-1*	Shed Rd. & Red Corner Road	- TBD -

*Also Access Control Point

WASHINGTON TOWNSHIP

<u>Post</u>	<u>Location</u>	<u>Staffing</u>
P-10	PA Rte 100 & L.R. 06033	2/PSP
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 Center)	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. 652	2/PSP
PSP-9	PA Rte. 73 & T671 (Main Street)	4/PSP

*Also Access Control Point.

IMPLEMENTING PROCEDURE
POLICE SERVICES COORDINATOR

ATTACHMENT E

EMERGENCY WORKER MONITORING/DECONTAMINATION STATIONS

1. Northern Area: Oley Valley High School* 215/987-6217 (days)
Oley
Robert Lesko [REDACTED] (nights)
Norman Reinert [REDACTED] (nights)

2. Southern Area: Daniel Boone Sr. High School** 215/582-2261 (days)
Birdsboro [REDACTED] (nights)
Dr. Joseph Mainello

*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.

IMPLEMENTING PROCEDURE
POLICE SERVICES COORDINATOR
ATTACHMENT F

RELOCATION POINTS FOR RISK POLICE DEPARTMENTS

<u>Risk Department</u>	<u>Relocation Point</u>
Boyertown	Washington Township Building, Barto
Colebrookdale	Washington Township Building, Barto
Douglass	Daniel Boone High School, Birdsboro

IMPLEMENTING PROCEDURE
POLICE SERVICES COORDINATOR
ATTACHMENT G
MUNICIPAL EOC LOCATIONS

Amity Township	Amity Township Building Route 662 and Weavertown Rd (Approx. 2 1/2 miles North of Route 422)
Boyertown Borough	Borough Building 100 S. Washington Street
Colebrookdale Township	Township Building Route 73 (1 mile West of Boyertown)
Douglass Township	Township Building Douglass Drive (Approx. 4 miles North of Rte. 422)
Earl Township	Earl Twp (Shanesville) Fire Co., Ironstone Drive, North of Route 73 (Approx. 5 miles west of Boyertown)
Union Township	Kulptown Fire Company Route 345 South (Approx. 1 mile South of Rte 724)
Washington Township	Barto Fire Company Old Route 100 (Approx. 1 mile North of Bechtelsville)

IMPLEMENTING PROCEDURE

MEDICAL COORDINATOR

I. PURPOSE

The purpose of this procedure is to support Berks County's response to an incident at the Limerick Generating Station, assuring continued emergency medical coverage for the plume exposure pathway emergency planning zone, supporting the evacuation of handicapped persons from within the EPZ, and assisting with the evacuation of health care facilities relocating to Berks County.

II. SITUATION

- A. There are seven (7) municipalities located in whole or in part within the Berks County portion of the Limerick plume exposure pathway EPZ.
- B. Each risk municipality has identified individuals who would require special assistance (i.e., ambulance transportation) in the event of an evacuation.
- C. There are no health care facilities located within the Berks County portion of the EPZ.
- D. Three health care facilities located within other risk counties will relocate to Berks County in the event of a general evacuation.
- E. There is one (1) ambulance service located within the plume exposure pathway EPZ.
- F. There are two (2) ambulance services located outside the plume exposure pathway EPZ which serve areas within the EPZ.

- G. In the event of a general evacuation, the risk ambulance service will relocate to a pre-designated location outside the EPZ.
- H. Ambulance services serving the plume exposure pathway EPZ will not be committed to evacuation support for health care facilities in adjoining risk counties, but will support the evacuation of handicapped residents and provide continued emergency services to their normal coverage area.
- I. Berks County ambulance services not normally serving the plume exposure pathway EPZ will be requested to support the evacuation of health care facilities in adjoining risk counties, to a maximum commitment of 50% of Berks County ambulance vehicles.

III. ESSENTIAL DEFINITIONS

- A. Emergency Worker Monitoring/Decontamination Station - A facility located outside the plume exposure pathway EPZ where emergency workers are monitored for radioactive contamination and decontaminated if necessary.
- B. Handicapped Person - A resident of the plume exposure pathway EPZ who requires special medical assistance in order to evacuate.
- C. Relocation Point - A location outside the plume exposure pathway EPZ to which the risk ambulance service will relocate in the event of a general evacuation.
- D. Risk Ambulance Service - An ambulance service physically located within the plume exposure pathway EPZ.
- E. Support Ambulance Service - An ambulance service physically located outside the plume exposure pathway EPZ which serves an area within the EPZ.

IV. RESPONSIBILITIES

- A. The responsibility for continued emergency medical coverage of their respective coverage areas rests with the individual ambulance services.
- B. Ambulance services not normally serving the EPZ will be asked to support the evacuation of handicapped persons within the EPZ, or health care facilities in adjoining risk counties.
- C. The Berks County Medical Coordinator is responsible for:
 - 1. Coordinating emergency medical coverage among EPZ municipalities.
 - 2. Responding to unmet municipal medical needs.
 - 3. Assigning ambulances to support municipal evacuations.
 - 4. Assigning ambulances, as available, to support the evacuation of health care facilities in adjoining risk counties.
 - 5. Support of those health care facilities in Berks County which are designated to receive evacuees from risk health care facilities, responding to their unmet needs.

V. OPERATIONAL PROCEDURES

A. UNUSUAL EVENT

No action necessary.

B. ALERT

- 1. Report to the EOC if requested by the EMA Director.

(time
completed)

- _____ 2. Notify relief Medical Coordinator to stand by (reference Attachment A).

- _____ 3. Notify risk and support ambulance services of the ALERT (reference Attachment B). (NOTE: All notifications/dispatches of ambulance services should be coordinated with the Communications Director.)

NOTES:

C. SITE EMERGENCY

- _____ 1. Report to the EOC.
(time completed)
- _____ 2. Notify the relief Medical Coordinator, place on standby status and prepare for extended (12-hour shifts) operations (reference Attachment A).
- _____ 3. Notify risk and support ambulance services of the SITE EMERGENCY and have each mobilize one crew per vehicle in quarters (reference Attachment B).
- _____ 4. Notify all other Berks County ambulance services of the SITE EMERGENCY and place on standby status (reference Attachment C).
- _____ 5. Determine the number of units available from other than risk and support ambulance services and assign them as necessary to meet municipal unmet needs and support the evacuation of health care facilities in other risk counties (to a maximum of 50% allocation of Berks County ambulances).
- _____ 6. Ensure that all risk and support ambulance services have received dosimeters and KI from their respective municipal EMA's. Caution all emergency workers that KI should be taken only if ordered by the Secretary of Health, and that order will be relayed by Berks County.
- _____ 7. Contact Berks County facilities designated to receive evacuees from risk health care facilities, confirming that they have been notified by risk facilities and are prepared to accept evacuees (reference Attachment D).
- _____ 8. Review procedures for GENERAL EMERGENCY.

_____ 9. Maintain SITE EMERGENCY status until incident escalation or
reduction or termination.

NOTES:

D. GENERAL EMERGENCY

- _____ 1. Report to the EOC.
(time
completed)
- _____ 2. Notify the relief Medical Coordinator of the GENERAL EMERGENCY, place on standby status and implement extended (12-hour shifts) operations (reference Appendix 1).
- _____ 3. Notify all Berks County ambulance services of the GENERAL EMERGENCY, ensuring that risk and support services have crews mobilized in quarters and that all other services are on standby status (reference Attachment B and C).
4. If the recommended protective action is General Evacuation:
 - _____ a. Ensure that appropriate ambulances are dispatched to municipal staging areas to support the evacuation of handicapped residents. Unless otherwise advised, all handicapped residents should be transported to Saint Joseph Hospital, 12th and Walnut Streets, Reading.
 - _____ b. Ensure that available Berks County ambulances are dispatched to the appropriate Transportation Staging Area in response to requests to support the evacuation of health care facilities in other risk counties (reference Attachment E).
 - _____ c. As Berks County and support county ambulances arrive at Transportation Staging Areas, assign them to specific health care facilities as required, relaying assignments through the Transportation Coordinator.
 - _____ d. Ensure that all involved ambulance services are directed to report in to Berks County Communications upon the completion of their missions. Ambulances should then be:

- (1) Dispatched to a Staging Area for another assignment; or
- (2) Assigned to an emergency worker decontamination station (reference Attachment F) and from there to:
 - (a) A pre-designated relocation point (reference Attachment G) (risk service only); or
 - (b) Return to quarters.

5. If the recommended protective action is Selective Evacuation:

- _____ a. Assign adequate ambulances (other than risk and support ambulance services) to support a possible evacuation of health care facilities in other risk counties in response to requests from those counties via PEMA Eastern Area.

- _____ 6. If the recommended protective action is Sheltering, ensure that risk ambulance service personnel remain mobilized in quarters, responding only to emergency medical calls. Upon the completion of each call, if the event is a contaminating incident, risk and support ambulance personnel should be assigned to an emergency worker decontamination station (reference Attachment F).

- _____ 7. Relay orders or recommendations regarding respiratory protection, protective clothing, and dosimeters and KI as received from the Radiological Officer.

8. Maintain GENERAL EMERGENCY status until incident reduction or termination.

NOTES:

ATTACHMENTS



- Attachment A. Medical Coordinator and Staff
- Attachment B. Risk and Support Ambulance Services
- Attachment C. Non-EPZ Berks County Ambulance Services
- Attachment D. Berks County Host Health Care Facilities
- Attachment E. Transportation Staging Areas
- Attachment F. Emergency Worker Monitoring/Decontamination Stations
- Attachment G. Risk Ambulance Relocation Points

IMPLEMENTING PROCEDURE

MEDICAL COORDINATOR

ATTACHMENT A

BERKS COUNTY MEDICAL COORDINATOR AND STAFF

		<u>OFFICE</u>	<u>HOME</u>
County Medical Coordinator:	Dr. Linwood Keller	376-4841	
Deputy Medical Coordinator:	Edward R. Houp	373-7978	

IMPLEMENTING PROCEDURE

MEDICAL COORDINATOR

ATTACHMENT B

RISK AND SUPPORT AMBULANCE SERVICES

I. Risk Ambulance Services (Located Within EPZ):

Boyertown Lions Community Ambulance 367-2330

II. Support Ambulance Services (Serving EPZ From Outside):

Bally Community Ambulance 845-7200

Birdsboro Ambulance 582-3226

IMPLEMENTING PROCEDURE

MEDICAL COORDINATOR

ATTACHMENT C

NON-EPZ BERKS COUNTY AMBULANCE SERVICES

<u>AMBULANCE SERVICE</u>	<u>TELEPHONE</u>	<u>TOTAL AMBULANCES</u>
Bethel Community	717/933-8934	2
Blandon	926-2811	1
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 Co.	375-6161	3
Schuylkill Valley	926-1621	2
Topton	682-2500	2
Western Berks	678-1598	3

IMPLEMENTING PROCEDURE

MEDICAL COORDINATOR

ATTACHMENT D

EVACUATION SUPPORT HEALTH CARE FACILITIES

SUPPORT FACILITY

Reading Hospital & Medical Center
378-6257

Saint Joseph Hospital
376-4901

Community General Hospital
376-4881

Berks Heim
376-4841

Wernersville State Hospital
678-3411 or 678-6660

RISK FACILITY TO BE HOSTED

Pottstown Memorial Medical Center

Coventry Manor Nursing Home

Manatawny Manor Nursing Home

IMPLEMENTING PROCEDURE
MEDICAL COORDINATOR
ATTACHMENT E
TRANSPORTATION STAGING AREAS

1. Quigley Bus Company Lot
Route 100
Bally, PA

2. Reading Mall
Route 422 and Neversink Road
Reiffton
Reading, PA

IMPLEMENTING PROCEDURE

MEDICAL COORDINATOR

ATTACHMENT F

EMERGENCY WORKER MONITORING/DECONTAMINATION STATIONS

1. Northern Area: Oley Valley High School
Oley, PA

2. Southern Area: Daniel Boone Senior High School
Birdsboro, PA

IMPLEMENTING PROCEDURE

MEDICAL COORDINATOR

ATTACHMENT G

RISK AMBULANCE RELOCATION POINTS

RISK SERVICE

Boyertown Lions Community Ambulance
Boyertown

RELOCATION POINT

Bally Community Ambulance
Bally (1 vehicle)

Earl Township Fire Company
Shanesville (1 vehicle)

IMPLEMENTING PROCEDURE

SCHOOL SERVICES OFFICER

I. PURPOSE

The purpose of this procedure is to support Berks County's response to an incident at the Limerick Generating Station, ensuring the continued safety of school children, faculty and staff within the plume exposure pathway emergency planning zone.

II. SITUATION

- A. There are two (2) public school districts located in part within the Berks County section of the plume exposure pathway EPZ.
- B. There are ten (10) public school buildings within the plume exposure pathway EPZ.
- C. There are four (4) private schools located within the plume exposure pathway EPZ.
- D. In the event of a Sheltering protective action, students attending schools located within the EPZ will take shelter within their own school building. Students who reside within the EPZ but attend schools located outside the EPZ will be retained at their schools while the sheltering advisory is in effect.
- E. In the event of an Evacuation, students attending schools located within the EPZ will be evacuated to host schools located outside the EPZ. Students who reside within the EPZ and attend school outside the EPZ will be held at their school for parental pickup.
- F. If a protective action appears imminent or is ordered at a time when schools are closed, PEMA may direct the Berks County EMA to advise risk schools not to reopen until the emergency is over.

- G. Students will be retained at host schools for parental pickup until 8:00 p.m. At that time, any remaining students will be moved to mass care centers.

III. ESSENTIAL DEFINITIONS

- A. Host School - School or other facility outside the EPZ to which students of risk buildings will be evacuated.
- B. Risk School Building - School building located within the plume exposure pathway EPZ.
- C. Risk School District - School district with risk school buildings.
- D. School In Session - Period when students, faculty and staff are in school buildings on authorized business (classes, summer sessions, sports activities).
- E. School Not In Session - Period during the regular school year when students and faculty are not in school buildings (i.e., evenings, weekends).

IV. RESPONSIBILITIES

- A. The Superintendents of risk school districts are responsible for:
 - 1. Establishing procedures for the receipt and dissemination of emergency school information.
 - 2. Providing for the transportation of school students in the event of an evacuation.
- B. School students will remain the responsibility of the risk school district until released to parents or guardians or until other duly authorized individuals assume responsibility.

C. The School Services Officer is responsible for:

1. Notifying risk school districts and private schools.
2. Notifying host schools within Berks County.
3. Notifying colleges, private schools and parochial schools in Berks County.
4. Convey protective action recommendations from PEMA and the Bureau of Radiation Protection.
5. Respond to unmet needs of risk and host schools.

V. OPERATIONAL PROCEDURES - SCHOOL IN SESSION

A. UNUSUAL EVENT

No action necessary.

B. ALERT - School In Session

- _____ 1. Report to the County EOC if requested by the EMA Director.
(time completed)
- _____ 2. Notify the relief School Services Officer to stand by (reference Attachment A).
- _____ 3. Review school calendars to determine if schools are in session (reference school plans on file in the County EOC).
- _____ 4. Notify and brief all risk school district superintendents, confirming that school is in session, and have them brief their risk building principals (reference Attachment B).
- _____ 5. Notify and brief all risk private school administrators (reference Attachment B).
- _____ 6. Notify and brief Berks County host schools (reference Attachment C).
- _____ 7. Notify and brief colleges, non-public schools and vo-tech schools located outside the EPZ (reference Attachment D).
- _____ 8. Ensure that risk school district superintendents and private school administrators have cancelled special events and activities (i.e., athletic events, field trips) and notified school transportation providers. Obtain an updated student census for all risk school buildings (reference Attachment B).

- _____ 9. Coordinate any public notifications with risk school officials and the County Public Information Officer.
- _____ 10. Review procedures for SITE EMERGENCY.
- _____ 11. Maintain ALERT status until incident reduction or termination or escalation.

NOTES:

C. SITE EMERGENCY - School In Session

- _____ 1. Report to the Berks County EOC.
(time completed)

- _____ 2. Notify the relief School Services Officer to stand by and prepare for extended (12-hour shift) operations (reference Attachment A).

3. Notify all risk school district superintendents and risk private schools and have them:
 - _____ a. Place risk building principals and staff on standby status, confirming host school locations with building principals;
 - _____ b. Update student census and transportation needs for each risk building;
 - _____ c. Place transportation resources on standby;
 - _____ d. Identify and report any unmet transportation needs.

- _____ 4. Notify all Berks County host schools and place on standby status (reference Attachment C).

- _____ 5. Notify and brief colleges, non-public schools and vo-tech school located outside the EPZ (reference Attachment D).

- _____ 6. Respond to any unmet needs as reported by risk schools. Coordinate any response to unmet transportation needs with the Transportation Officer.

- _____ 7. Review the School Evacuation EBS Announcement for accuracy and modify as necessary (coordinate with the PIU) (reference Attachment E).

- _____ 8. Coordinate any public notifications with risk school officials and the Berks County Public Information Officer.
- _____ 9. Review procedures for GENERAL EMERGENCY.
- _____ 10. Maintain SITE EMERGENCY status until incident reduction or termination or escalation.

NOTES:

D. GENERAL EMERGENCY - School In Session

- _____ 1. Report to the Berks County EOC.
(time
completed)
- _____ 2. Notify the relief School Services Officer and place on standby status, implementing extended (12-hour shift) operations (reference Attachment A).
- _____ 3. Notify all risk public and private schools, ensuring that schools are mobilizing and positioning their transportation resources at the risk buildings (reference Attachment B).
- _____ 4. Coordinate with the Transportation Officer to ensure that non-school district transportation resources needed for school evacuation (if any) have been mobilized and positioned.
- _____ 5. Notify colleges, non-public schools and vo-tech schools located outside the EPZ to hold students who live within the EPZ, and not discharge them to return to the risk area (reference Attachment D).
- _____ 6. Place Berks County host schools on standby (reference Attachment C).
- _____ 7. Coordinate with the Communications Officer to request the dispatch of a RACES mobile unit to each risk school building without radio-equipped buses to assure a single radio-equipped vehicle for each facility.
- _____ 8. Relay protective action recommendations to risk school district superintendents and risk private school administrators as received from PEMA, PDE or the Berks County Commissioners.

9. If Sheltering is the recommended protective action:

- _____ a. Notify risk school superintendents and risk private schools (reference Attachment B);
- _____ b. Ensure that buses are scheduled for delayed dismissal following suspension of the Sheltering advisory;
- _____ c. Recommend that risk schools implement steps to serve as short-term mass care centers if the length of the Sheltering advisory so indicates (coordinate with the Mass Care Officer);
- _____ d. Relay orders for the suspension of the Sheltering directive when received.

10. If Evacuation is the recommended protective action:

- _____ a. Notify risk school superintendents and risk private school administrators (reference Attachment B);
- _____ b. Notify all Berks County host schools and direct them to mobilize to receive evacuee students (reference Attachment C);
- _____ c. Notify all colleges, non-public schools and private schools located outside the EPZ to hold students who live within the EPZ and not discharge them into the evacuated area (reference Attachment D);
- _____ d. Coordinate with the Transportation Officer regarding the assignment of any additional transportation resources necessary to complete school evacuation;
- _____ e. Monitor the status of school evacuation and provide periodic reports to the EMA Director and host school officials;

- _____ f. Coordinate with the Transportation Officer to ensure the availability of adequate buses to move any remaining students from host schools to mass care centers at approximately 8:00 p.m.
- _____ 11. When the protective action (Sheltering or Evacuation) is complete, refer to appropriate procedures for "School Not In Session."
- _____ 12. Maintain GENERAL EMERGENCY status until incident reduction or termination.

NOTES:

VI. OPERATIONAL PROCEDURES - SCHOOL NOT IN SESSION

A. UNUSUAL EVENT

No action necessary.

B. ALERT - School Not In Session

- _____ 1. Report to the Berks County EUC if requested by the EMA Director.
(time completed)
- _____ 2. Notify the relief School Services Officer to stand by (reference Attachment A).
- _____ 3. Notify and brief risk school district superintendents and risk private school administrators, confirming that school is not in session (reference Attachment B).
- _____ 4. Direct risk school district superintendents and risk private school administrators to notify building principals and cancel all special events/activities.
- _____ 5. Review procedures for SITE EMERGENCY.
- _____ 6. Maintain ALERT status until incident reduction or termination or escalation.

NOTES:

C. SITE EMERGENCY - School Not In Session

- _____ 1. Report to the Berks County EOC.
(time
completed)
- _____ 2. Notify the relief School Services Officer, place on standby status and prepare for extended (12-hour shift) operations (reference Attachment A).
- _____ 3. Notify risk school district superintendents and risk private school administrators, directing them to contact risk building principals and have them cancel all special events/activities, vacating all risk buildings (reference Attachment B).
- _____ 4. Relay any recommendations from PEMA, PDE or the Berks County Commissioners regarding school closing for the following day(s).
- _____ 5. Coordinate with the County Public Information Officer regarding public information statements and EBS messages specific to schools.
- _____ 6. Review procedures for GENERAL EMERGENCY.
- _____ 7. Maintain SITE EMERGENCY status until incident termination or reduction or escalation.

NOTES:

D. GENERAL EMERGENCY - School Not In Session

- _____ 1. Report to the Berks County EOC.
(time
completed)
- _____ 2. Notify the relief School Services Officer, place on standby status and implement extended (12-hour shift) operations (reference Attachment A).
- _____ 3. Notify risk school district superintendents and risk private school administrators, directing them to contact risk building administrators, having them cancel all special events/activities and vacate and secure all risk buildings (reference Attachment B).
- _____ 4. If a protective action (Sheltering or Evacuation) is ordered or recommended, coordinate with the EMA Director to designate a reception center to which any faculty or students outside the EPZ at a school-sanctioned special event (field trips, athletic events) should report upon their return.
- _____ 5. If a protective action is ordered or recommended, contact risk district superintendents and risk private school administrators and direct them to notify building administrators and implement protective actions as directed.
- _____ 6. If an evacuation is ordered, notify risk school district superintendents and private school administrators, conveying recommendations regarding school cancellation for subsequent day(s), obtaining their evacuation locations or temporary administrative headquarters, and direct them to notify parents and staff as per normal district cancellation procedures.
- _____ 7. Coordinate with the County Public Information Officer regarding public information announcements or EBS messages specific to schools.

- _____ 8. Maintain GENERAL EMERGENCY status, providing periodic status reports to risk district superintendents/administrators at their evacuation locations, until incident reduction or termination.

NOTES:

ATTACHMENTS

- Attachment A: Berks County School Services Officer and Staff
- Attachment B: Risk School District Superintendents and Risk Private School Administrators
- Attachment C: Berks County Host Schools
- Attachment D: Colleges, Non-Public Schools and Vo-Tech Schools Outside the Limerick EPZ
- Attachment E: School Evacuation EBS Announcement

IMPLEMENTING PROCEDURE
SCHOOL SERVICES OFFICER
ATTACHMENT A
SCHOOL SERVICES OFFICER AND STAFF

OFFICE

HOME

Berks County School Services
Officer:

Dr. Francis Deitrich



Deputy School Services Officer:

-TBD-

IMPLEMENTING PROCEDURE

SCHOOL SERVICES OFFICER

ATTACHMENT B

RISK SCHOOL DISTRICT SUPERINTENDENTS AND RISK
PRIVATE SCHOOL ADMINISTRATORS

	<u>OFFICE</u>	<u>HOME</u>
1. <u>Public Schools</u>		
a. Boyertown Area School District Dr. James R. Replogle, Superintendent (8 buildings in EPZ, 5,073 students)	367-6033	[REDACTED]
b. Daniel Boone Area School District Dr. Joseph M. Mainello, Superintendent (1 building in EPZ, 550 students)	582-2261	[REDACTED]
c. Berks County Intermediate Unit Lincoln Special Education Center Steven Rudick, Head Teacher Ann Pope, Supervisor	367-6078 779-7111	[REDACTED] [REDACTED]
2. <u>Private Schools</u>		
a. Montessori Academy of Pennsylvania Barbara Broadbent, Administrator Elaine Macey, Head Teacher Joan Fager, Assistant Teacher (1 building, 90 students)	367-0286 367-0286 367-0286	[REDACTED] [REDACTED] [REDACTED]

	<u>OFFICE</u>	<u>HOME</u>
b. Wayside Christian School		
Paul Kulp, Administrator	367-7995	[REDACTED]
Esther Harner	367-7995	[REDACTED]
Dale Fries	367-7995	[REDACTED]
(1 building, 70 students)		
c. Pine Forge Academy		
W. A. Cheatham, Administrator	326-1485	[REDACTED]
Rothacker Smith	326-1485	[REDACTED]
LeRoy Owens	326-1485	[REDACTED]
(1 campus, 136 students)		
d. Pine Forge S.D.A. Elementary School		
Mrs. Corrine Smith	323-0340	[REDACTED]
Mrs. Sharon Johnson	323-0340	[REDACTED]
(1 building, 34 students)		

IMPLEMENTING PROCEDURE
 SCHOOL SERVICES OFFICER
 ATTACHMENT C
BERKS COUNTY HOST SCHOOLS

	<u>OFFICE</u>	<u>HOME</u>
*1. Daniel Boone Jr.-Sr. High School Birdsboro, PA Dr. Joseph Mainello, Superintendent Facility Hosted: Amity Elementary Center	582-2261	[REDACTED]
2. Kutztown Area Junior High School and Kutztown Elementary School Kutztown, PA Harold L. Fleisher, Superintendent Facilities Hosted: Boyertown Area School District; Montessori Academy of PA	683-7361	[REDACTED]
3. Kutztown University of PA, Keystone Hall Field House Kutztown, PA John Burkhardt (8 a.m.-5 p.m.) Campus Security Facilities Hosted: Boyertown Area School District; Lincoln School	683-4142 -----	----- [REDACTED]
4. Blue Mountain Academy Hamburg, PA Richard J. Emery, Principal Facilities Hosted: Pine Forge Academy; Pine Forge S.D.A. Elementary	562-2291 (24 HOUR)	

*NOTE: This is also a risk school district and will be notified as such. No further notification as host school is necessary.

IMPLEMENTING PROCEDURES

SCHOOL SERVICES OFFICER

ATTACHMENT D

COLLEGES, NON-PUBLIC SCHOOLS AND VO-TECH SCHOOLS
WITHIN THE LIMERICK EPZ

1. Colleges:

Albright College, Reading	921-2381
Alvernia College, Reading	777-5411
Penn State University - Berks Campus Reading	375-4211
Kutztown University of PA, Kutztown	683-4000
Reading Area Community College	372-4721

2. Non-Public Schools

Reading Central Catholic High School	373-4178
Most Blessed Sacrament Elementary School, Bally	845-2030
Saint Catherine of Siena Elementary School, Mount Penn	779-5810
Saint John the Baptist de La Salle Elementary School, Shillington	777-7392
Seventh Day Adventist Junior Academy, Reading	777-8424

3. Vo-Tech Schools

East Center Vo-Tech, Oley	987-6201
West Center Vo-Tech, Leesport	374-4073
Special Needs Center, Oley	987-6201
Reading-Muhlenberg Vo-Tech, Reading	921-0236

IMPLEMENTING PROCEDURE

SCHOOL SERVICES OFFICER

ATTACHMENT E

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 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
Colkebrookdale 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.)

IMPLEMENTING PROCEDURE

MASS CARE OFFICER

I. PURPOSE

The purpose of these procedures is to support Berks County's response to an incident at the Limerick Generating Station, ensuring the provision of shelter to evacuees relocating to the support areas of Berks County.

II. SITUATION

- A. The number of persons relocating to the support areas of Berks County is estimated as follows:

Berks County Residents:	15,560
Montgomery County Residents:	16,428
Chester County Residents:	<u>4,164</u>
Total	36,152

- B. Mass care centers have been identified for 50% of projected evacuees or 18,076.
- C. All mass care centers are located approximately 20 miles or more from the Limerick Generating Station.
- D. Three reception centers, located along main evacuation routes, will be established for the purpose of directing evacuees to mass care facilities as needed.
- E. Provisions have been made for decontamination monitoring of the general public at mass care centers.
- F. Mass care centers will be opened on a sequential basis, beginning with one for each reception center, based on evacuee flow through reception centers.

III. ESSENTIAL DEFINITIONS

- A. Mass Care Center - A fixed facility suitable for providing emergency lodging for victims of a disaster left temporarily homeless, and capable of providing all essential sanitary and feeding services.
- B. 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.

IV. RESPONSIBILITIES

- A. The Mass Care Officer in the Berks County EOC is responsible for the following:
 - 1. Notification of reception centers and mass care centers commencing at Site Emergency.
 - 2. Liaison with the Berks County Chapter of the American Red Cross.
 - 3. Liaison with other EOC staff to ensure the adequate preparation of reception and mass care facilities.
- B. The Berks County Chapter of the American Red Cross is responsible for the following:
 - 1. Provision of a liaison person to the County EOC.
 - 2. Identification and assignment of adequate staff to set up and operate mass care facilities.

C. Mass Care Center Managers are responsible for:

1. Operation of the specific facility to which they are assigned, in accordance with American Red Cross standard procedures.
2. Preparation of reports, etc., in accordance with Red Cross procedures.
3. Provision of periodic status reports to the Mass Care Coordinator in the EOC.

D. The Radiological Officer is responsible for:

1. Direction and control of decontamination monitoring teams operating within mass care facilities.

V. OPERATIONAL PROCEDURES

A. UNUSUAL EVENT

No action necessary.

B. ALERT

- _____ 1. Report to the Berks County EOC if requested.
(time completed)
- _____ 2. Notify the relief Mass Care Officer and place on standby status (reference Attachment A).
- _____ 3. Notify the Berks County Chapter of the American Red Cross, advising of the incident and directing them to place staff on standby status (reference Attachment B).
- _____ 4. Review procedures for SITE EMERGENCY.

_____ 5. Maintain ALERT status until incident escalation or reduction or termination.

NOTES:

C. SITE EMERGENCY

- _____ 1. Report to the EOC.
(time completed)
- _____ 2. Notify the relief Mass Care Officer, place on standby status, and prepare for extended (12-hour shift) operations (reference Attachment A).
- _____ 3. Notify the Berks County Chapter of the American Red Cross, directing them to mobilize staff and place volunteers on standby status (reference Attachment B).
- _____ 4. Notify reception centers and mass care centers and place on standby status (reference Attachments C and D).
- _____ 5. Coordinate with the Fire Services Officer to ensure that reception center staff are notified and placed on standby status (reference Attachment E).
- _____ 6. Coordinate with the EMA Director to identify a staff person and vehicle to deliver reception center materials. Package materials and dispatch designated staff to the three reception centers (reference Attachment 3).
- _____ 7. Coordinate with the Radiological Officer to ensure that decontamination monitoring teams have been assigned to each mass care center and are on standing by.
- _____ 8. Coordinate with the Communications Officer to ensure that RACES units are assigned to reception centers (priority) and mass care centers (as available) and placed on standby status.
- _____ 9. Review procedures for GENERAL EMERGENCY.

_____ 10. Maintain SITE EMERGENCY status until incident escalation or
reduction or termination.

NOTES:

D. GENERAL EMERGENCY

_____ 1. Report to the EUC.
(time
completed)

_____ 2. Notify the relief Mass Care Officer, place on standby status and implement extended (12-hour shift) operations (reference Appendix 1).

3. If Sheltering is recommended or ordered:

_____ a. Notify the Red Cross, directing them to maintain volunteers on standby status (reference Attachment B).

_____ b. Notify reception centers and mass care centers, maintaining on standby status (reference Attachments C and D).

_____ c. Coordinate with the Fire Services Officer to ensure that reception center staff are maintained on standby status (reference Attachment E).

_____ d. Coordinate with the Communications Officer to ensure that RACES units assigned to reception and mass care centers are maintained on standby status.

_____ e. Coordinate with the Radiological Officer to ensure that decontamination monitoring teams are maintained on standby status.

4. If an Evacuation is recommended or ordered:

_____ a. Notify the Red Cross, directing that mass care volunteer staff be mobilized for the primary mass care center for each reception center (reference Attachment D).

- _____ b. Notify and mobilize reception centers (reference Attachment C).
- _____ c. Ensure that the Fire Services Officer has mobilized reception center staff (reference Attachment E).
- _____ d. Ensure that the Communications Officer has dispatched assigned RACES units to reception and mass care centers.
- _____ e. Ensure that the Radiological Officer has mobilized decontamination monitoring teams for the primary mass care centers.
- _____ f. Monitor reports of evacuee flow from reception centers, activating additional mass care centers as needed based on building capacity (reference Attachment D).
- _____ g. As additional mass care centers are opened, ensure that appropriate RACES units and decontamination monitoring teams are mobilized.
- _____ h. Maintain communications with reception and mass care centers, providing periodic status reports to the EMA Director and the Red Cross.
- _____ 5. Maintain GENERAL EMERGENCY status until incident reduction or termination.

NOTES:

ATTACHMENTS

Attachment A: Primary and Relief Mass Care Officers

Attachment B: Berks County Reception Centers

Attachment C: Berks County Mass Care Centers

Attachment D: Reception Center Staff

IMPLEMENTING PROCEDURE

MASS CARE OFFICER

ATTACHMENT A

PRIMARY AND RELIEF MASS CARE OFFICERS

Primary: Carl Levan 375-4383 (U)

[REDACTED]

Relief: Barry White 375-4383 (U)

[REDACTED]

- Red Cross Contacts:

Peter M. Goda, Sr. 372-8917 (U)

[REDACTED]

Joseph Stemler 779-2000 (U) ext 124

[REDACTED]

David Templin 374-2204 (U)

[REDACTED]

IMPLEMENTING PROCEDURES

MASS CARE OFFICER

ATTACHMENT B

BERKS COUNTY RECEPTION CENTERS

1. Oley Valley High School 987-6217 (days)
Jefferson Street [REDACTED] (nights)
Oley, PA 19547 [REDACTED] (nights)

2. Pathmark of Reading
Rt. 422 and Business-422
Reiffton, PA
Contact: Ted Gladstone Real Estate (914) 472-6262

3. Cumru Elementary School 775-1461 Ext. 23 or
Philadelphia Avenue 29 (days)
Shillington, PA 19607 [REDACTED] (nights)

IMPLEMENTING PROCEDURES

MASS CARE OFFICER

ATTACHMENT C

BERKS COUNTY MASS CARE CENTERS

A. 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 600 600	
#3	Kutztown Area Senior High School Constitution Boulevard Kutztown 683-7346	800 1920	
#4	Brandywine Heights Area High School Topton 632-7115	800 2720	
#5	Munlenberg Senior High School Sharp Ave. and Francis St. Laureldale 929-0705 ext. 50	1000	3720
#6	Schuylkill Valley High School Leesport 925-1705	875 4595	
#7	Schuylkill Valley Intermediate School Leesport 925-1705	600 5195	

<u>FACILITY:</u>	<u>CAPACITY:</u>	<u>CUMULATIVE CAPACITY</u>
#8 Muhlenberg Junior High School 801 Bellevue Avenue Laureldale 929-0605	7005895	

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 670-0132	8504720	

C. 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	7503350	
#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	9005250	
#6	Hamburg Junior-Senior High School Windsor Street Hamburg, PA 562-3351	1500	6750
#7	C. E. Cole Middle School Kutztown Road Laureldale 929-0705 Ext. 30	7507500	
#8	Perry Elementary School* 4th and Reber Streets Shuermakersville 562-3024	6008100	

*No decontamination facilities. Decontamination monitoring to be done at mass care center #1.

#9 Riverview Park Elementary School*
Stoudt's Ferry Bridge Road
Riverview Park, Reading
929-0705, extension 21

6008,700

*No decontamination facilities. Decontamination monitoring to be done at mass care center #1.

IMPLEMENTING PROCEDURE

MASS CARE OFFICER

ATTACHMENT D

RECEPTION CENTER STAFF

1. Oley Reception Center

Oley Fire Police (tentative)
Chief Gordon Spahn
Capt. Robert Drumheller
Lieut. Donald Haas
Sgt. Rev. Albert Kovacs

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

2. Reiffton Reception Center

Reiffton Fire Police (tentative)
Chief Terry L. Francis
Capt. Merle C. Rhoads
Lieut. John D. Walters
Sgt. Irvin R. Fowler

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

3. Shillington Reception Center

Keystone Fire Co. Fire Police (tentative)
Chief Edward M. Squibb, Jr.
Capt. Douglass H. Johns
Lieut. Raymond Landis
Sgt. Gerald Hoyer

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

IMPLEMENTING PROCEDURE

RADIOLOGICAL OFFICER

I. PURPOSE

The purpose of this procedure is to support Berks County's response to an incident at the Limerick Generating Station, providing for the radiological protection of the general public and offsite emergency workers.

II. SITUATION

- A. There are seven (7) municipalities located in whole or in part within the Berks County section of the plume exposure pathway EPZ.
- B. The Pennsylvania Bureau of Radiation Protection (BRP) will provide information to the Berks County EMA regarding incident assessment, field monitoring, and protective action recommendations.
- C. Additional information on incident assessment may be received directly from the Limerick Generating Station.
- D. In the event of a protective action (Sheltering or Evacuation), two (2) emergency worker decontamination stations will be established and operated on a 24-hour basis for the duration of the emergency. These stations will be established in Oley and Birdsboro.
- E. In the event of an Evacuation, decontamination monitoring teams will be assigned to all activated mass care centers. If there is a contaminating incident, all members of the general public entering the mass care center will be monitored and decontaminated if necessary. In any event, decontamination monitoring services will be offered to all evacuees at mass care centers.

- F. Dosimeters and radioprotective drugs will be distributed to all emergency workers at SITE EMERGENCY. The Secretary of the Pennsylvania Department of Health will order the administration of radioprotective drugs. Radioprotective drugs are not to be administered unless so directed by the Secretary of Health.

III. ESSENTIAL DEFINITIONS

- A. CD V 700 - Survey meter (geiger counter) used to conduct decontamination monitoring.
- B. CD V 730 or DCA-622 - A self-reading dosimeter with a scale from 0-20R.
- C. CD V 742 - A self-reading dosimeter with a scale from 0-200R.
- D. CD V 750 - The dosimeter charger used to charge (zero) the DCA-622, the CD V-730, and the CD V-742 dosimeters.
- E. Decontamination Monitoring - The process of checking a person or object with a survey meter to ascertain if the person or object is contaminated with a radioactive substance.
- F. Dosimeter/Dosimetry - Pocket size devices that measure accumulated exposure to radiation.
- G. 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.

- H. Radioprotective Drug - A prophylactic drug (usually potassium iodide) that offers some protection to the thyroid gland from injury due to accumulation of radioiodine in the thyroid.
- I. 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.
- J. 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.

IV. RESPONSIBILITIES

A. Berks County Emergency Management Agency

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; decontamination, as necessary, of personnel and related items; 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 stations; maintenance of a radiological exposure record system; 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 with periodic situation reports including incident assessment and plume exposure information; specifies procedures for decontamination of emergency personnel and their clothing; assists IRAP (federal government - Interagency Radiological Assistance 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.

D. Municipal Governments

Each municipal government within the plume exposure pathway EPZ will assist the county in issuing dosimetry and radioprotective drugs to emergency workers within its area at the SITE EMERGENCY classification.

E. Emergency Workers

In addition to the performance of assigned tasks, emergency workers are responsible for utilizing their dosimeters, radioprotective drugs, and Dosimetry-KI Report Form as prescribed and for undergoing decontamination monitoring.

The uppermost limit of radiation exposure for emergency workers 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. Emergency workers should strive to keep any exposure as low as reasonably achievable.

F. Decontamination Monitoring Teams

Decontamination monitoring teams will monitor 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 Annex M of the Basic Plan.

V. OPERATIONAL PROCEDURES

A. UNUSUAL EVENT

No action necessary.

B. ALERT

- _____ 1. Report to the Berks County EOC.
(time
completed)
- _____ 2. Notify the relief Radiological Officer and place on standby status (reference Attachment A).
- _____ 3. Coordinate with the Police Services Coordinator to ensure that two (2) Sheriff's Department vehicles and four (4) individuals are dispatched to the County EOC to pick up and deliver municipal kits of dosimeters, KI, survey meters and forms.
- _____ 4. Prepare packages of dosimeters, KI, survey meters and appropriate forms for distribution to municipal EOCs (reference Attachment B).
- _____ 5. When Sheriff's Department personnel arrive at the County EOC, complete the packaging of municipal materials and provide directions to the municipal EOC's (coordinate with the EMA Director) (reference Attachment C). Dispatch Sheriff's Department personnel to municipal EOC.
- _____ 6. Package control TLUs, complete "Control TLD Form" and forward to PEMA as directed (reference Attachment D).
- _____ 7. Review procedures for SITE EMERGENCY.
- _____ 8. Maintain ALERT status until incident escalation or reduction or termination.

NOTES:

C. SITE EMERGENCY

- _____ 1. Report to the County EOC and complete all procedures for ALERT.
(time completed)
- _____ 2. Notify the relief Radiological Officer, placing on standby status, and prepare for extended (12-hour shift) operations (reference Attachment A).
- _____ 3. Coordinate with the Municipal Liaison (Situation Analysis) Officer to ensure that municipal EMA coordinators have received dosimeters, KI, and survey meters, that dosimeters have been charged and distributed to municipal emergency workers, and that supplies on hand are adequate to meet municipal needs. Respond to any unmet municipal needs.
- _____ 4. Coordinate with other EOC Officers, ensuring that all are aware that KI should be administered by emergency workers only upon direction of the Secretary of Health, and advising them of emergency worker dosimetry reading and record keeping requirements (reference Attachment E).
- _____ 5. Review policies and procedures regarding dosimeters, radioprotective drugs, and protective actions for emergency workers (reference Attachment E and Annex M to the Basic Plan).
- _____ 6. Coordinate with the Fire Services Officer to mobilize decontamination monitoring teams assigned to emergency worker decontamination stations and mass care centers to the County EOC to pick up decontamination monitoring equipment and supplies, and have them return to standby status.
- _____ 7. Prepare packages of survey meters, dosimetry and KI for distribution to decontamination monitoring teams (reference Attachment B).

- _____ 8. Prepare map/status board displays in the EOC plotting plume projections, incident assessment, and other radiological information as received from BRP, PEMA and the Limerick facility.
- _____ 9. Notify emergency worker decontamination stations and place on standby status (reference Attachment G).
- _____ 10. Review procedures for GENERAL EMERGENCY.
- _____ 11. Maintain SITE EMERGENCY status until incident escalation or reduction or termination.

NOTES:

D. GENERAL EMERGENCY

- _____ 1. Report to the County EOC and complete all procedures for ALERT
(time
completed) and SITE EMERGENCY.
- _____ 2. Notify the relief Radiological Officer, placing on standby
status, and implement extended (12-hour shift) operations
(reference Attachment A).
- _____ 3. Prepare map/status board displays in the EOC plotting plume
projections, incident assessment and other radiological
information as received from BRP, PEMA, and the Limerick
facility.
- _____ 4. Provide input and assistance to the EMA Director and County
Commissioners regarding protective action recommendations.
5. If Sheltering is directed:
 - _____ a. Coordinate with the Fire Services Officer to mobilize
decontamination monitoring teams assigned to emergency
worker decontamination stations (reference Attachment F).
 - _____ b. Contact and activate emergency worker decontamination
stations (reference Attachment G).
 - _____ c. Coordinate with all EOC Officers to ensure that emergency
workers are reading dosimeters and recording dosimeter
readings. Ensure that protective action guidelines for
emergency workers have been relayed to emergency workers and
their supervisors by their respective EOC Officers
(reference Attachment E).
 - _____ d. If the event is a contaminating incident, coordinate with
other EOC Officers to ensure that as emergency workers

complete missions inside the plume EPZ, they report to one of the emergency worker decontamination stations (reference Attachment G). Following decontamination monitoring, they should report to their designated relocation station outside the EPZ.

- _____ e. Relay recommendations received from the Secretary of Health regarding radioprotective drugs to all EOC staff immediately upon receipt. Ensure that the recommendation is provided to all emergency workers.
- _____ f. Maintain and log reports received from decontamination stations.
- _____ g. Provide periodic status reports to the EMA Director.
- _____ h. Upon the suspension of the Sheltering directive, maintain GENERAL EMERGENCY status.

6. If Evacuation is directed:

- _____ a. Coordinate with the Fire Services Officer to mobilize decontamination monitoring teams assigned to emergency worker decontamination stations and those mass care centers which will be activated immediately. Coordinate with the Mass Care Officer so that, as additional mass care centers are activated, adequate decontamination teams are mobilized. (Reference Attachment H).
- _____ b. Contact and mobilize emergency worker decontamination stations (reference Attachment G).
- _____ c. Coordinate with all EOC Officers to ensure that emergency workers are reading dosimeters and recording dosimeter readings. Ensure that protective action guidelines for emergency workers have been relayed to emergency workers and

their supervisors by their respective EOC Officers (reference Attachment E).

- _____ d. If the event is a contaminating incident, coordinate with other EOC Officers to ensure that as emergency workers complete missions inside the plume EPZ, they report to one of the emergency worker decontamination stations (reference Attachment G). Following decontamination monitoring, they should report to their designated relocation station outside the EPZ.
- _____ e. Relay recommendations received from the Secretary of Health regarding radioprotective drugs to all EOC staff immediately upon receipt. Ensure that the recommendation is provided to all emergency workers.
- _____ f. Maintain and log reports received from emergency worker decontamination stations and mass care centers. (NOTE: decontamination monitoring teams, even though they may be operating in a mass care center, are under the direction and control of the Radiological Officer.)
- _____ g. Provide periodic status reports to the EMA Director.
- _____ h. Upon completion of the evacuation, maintain GENERAL EMERGENCY status. Coordinate with other EOC Officers and field supervisors to obtain radiation exposure records and TLDs from emergency workers.

NOTES:

ATTACHMENTS

- Attachment A: Primary and Relief Radiological Officers
- Attachment B: Dosimeter, KI, Survey Meter Distribution List
- Attachment C: Berks County Municipal EOC Locations
- Attachment D: Control TLD Information
- Attachment E: Dosimeter Reading, Record Keeping and Protective Action Options
- Attachment F: Decontamination Monitoring Team Assignments
- Attachment G: Emergency Worker Decontamination Stations
- Attachment H: Mass Care Centers (In Order of Activation)

IMPLEMENTING PROCEDURE

RADIOLOGICAL OFFICER

ATTACHMENT A

PRIMARY AND RELIEF RADIOLOGICAL OFFICERS

Primary: John W. Zitrack 371-5344 (U)

[REDACTED]

Relief: Dr. Roderick Horning 582-8765 (U)

[REDACTED] (H)

IMPLEMENTING PROCEDURE

RADIOLOGICAL OFFICER

ATTACHMENT B

DOSIMETER, POTASSIUM IODIDE, SURVEY METER DISTRIBUTION LIST

Distribution Scheme: Dosimeters, 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. 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 _____ 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:

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 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. Oley Valley High School	24	2	6
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

IMPLEMENTING PROCEDURE

RADIOLOGICAL OFFICER

ATTACHMENT C

MUNICIPAL EOC LOCATIONS

Amity Township	Amity Township Building Route 662 and Weavertwon Road (Approx. 2 1/2 miles North of Rt 422)
Boyertown Borough	Boyertown Borough Building 100 S. Washington Street Boyertown
Colebrookdale Township	Colebrookdale Township Building Route 73 (1 mile West of Boyertown)
Douglass Township	Douglass Township Building Douglass Drive Approx. 4 miles North of Rte 422)
Earl Township	Earl Twp (Shanesville) Fire Co. Ironstone Drive, North of Rte. 73 (Approx. 5 miles West of Boyertown)
Union Township	Kulptown Fire Company #1 Route 345 (Approx. 1 mile South of Rte. 724)
Washington Township	Barto Fire Company Old Route 100 (Approx. 1 mile North of Bechtelsville)

IMPLEMENTING PROCEDURES

RADIOLOGICAL OFFICER

ATTACHMENT D

CONTROL TLD INFORMATION

In the event of an incident at the Limerick Generating Station, the Berks County EMA will retain the designated "control TLD's." Control TLD's 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 TLD's meant for distribution to emergency workers. As coordinated by PEMA, the control TLD's will be forwarded to the TLD service contractor. The Berks County EMA will complete the "Control TLD's Form" (attached) and forward it with the control TLD's.

The purpose of "control TLD's" is to allow measurements of a "baseline" of radiation (background radiation) that the TLD's had been exposed to at the time the Berks County EMA distributed TLD's in reaction to the incident. The measurement of the accumulated background radiation as measured by the control TLD's will be subtracted from the reading obtained from each emergency worker in the county. This procedure can be characterized as a "mathematical zeroing" of the TLD. (The CD V-730's, DCA-622's and CD V-742's will be zeroed by the user organizations as they are put into use.)

At the time of the incident, the Berks County EMA will ensure that the control TLD's are not exposed to radiation other than background radiation. Specifically, since the TLD's are stored outside the plume exposure pathway EPZ, the county EMA will ensure that the control TLD's are not moved inside the EPZ.

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 _____

IMPLEMENTING PROCEDURE

RADIOLOGICAL OFFICER

ATTACHMENT E

DOSIMETER READING, RECORD KEEPING AND PROTECTIVE ACTION OPTIONS

A. Dosimeter 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.

*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 procedure Roentgen and rem are considered to be essentially the same.

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.
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 offsite 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 25 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. 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 TLUs and forms to PEMA. PEMA will deliver the forms and TLUs from all counties to BRP who will deliver the TLUs 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 TLD 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.

IMPLEMENTING PROCEDURE

RADIOLOGICAL OFFICER

ATTACHMENT F

DECONTAMINATION MONITORING TEAM ASSIGNMENTS

Decontamination Sites

Primary Team Assignment

Daniel Boone Junior-Senior High
School (E)

Friendship Fire Co., Birdsboro
Oley Fire Co.

Oley Valley High School (E)

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.

Muhlenberg Sr. High School (M)

Muhlenberg 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., Monnton

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.

(E) Emergency Worker Monitoring/Decontamination Station
(M) Mass Care Center

Decontamination Sites

Primary Team Assignment

Conrad Weiser Jr.-Sr. High School (M)	Marion Fire Co., Womelsdorf Pioneer Hose Co., Robesonia
Hamburg Jr.-Sr. High School (M)	Hamburg National Guard Armory Community Fire Co., Shartlesville
C. E. Cole Middle School (M)	Goodwill Fire Co., Hyde Park
Berks Heim (H)	Greenfields Fire Co., Bern Twp.
Community General Hospital (H)	Reading Fire Co./Reading EMA
Reading Hospital & Medical Center (H)	West Reading Fire Co.
Saint Joseph Hospital (H)	Reading Fire Co./Reading EMA
Wernersville State Hospital (H)	Wernersville State Hospital

Marion Fire Co., Womelsdorf
Keystone Fire Co., Rehrersburg

Reserve Teams:

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)

IMPLEMENTING PROCEDURE

RADIOLOGICAL OFFICER

ATTACHMENT G

EMERGENCY WORKER DECONTAMINATION STATIONS

1. Northern Area: Oley Valley High School* 937-6217 (days)
Main Street
Oley, PA
Robert Lesko [REDACTED] (nights)
Norman Reinert [REDACTED] (nights)

2. Southern Area: Daniel Boone Sr. High School 582-2261 (days)
Birdsboro
Dr. Joseph Mainello [REDACTED] (nights)

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

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

IMPLEMENTING PROCEDURE

RADIOLOGICAL OFFICER

ATTACHMENT H

MASS CARE CENTERS (IN ORDER OF ACTIVATION)

A. Mass Care Centers for Oley Reception Center (In Order of Activation)
 (Planned Maximum Requirement: 5,735):

<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 600 5195
 Leesport 925-1706

<u>FACILITY:</u>	<u>CAPACITY:</u>	<u>CUMULATIVE CAPACITY</u>
#8 Muhlenberg Junior High School 801 Bellevue Avenue Laureldale 929-0505	700	5895

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

C. 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
#7 C. E. Cole Middle School Kutztown Road Laureldale 929-0705 Ext. 30	750	7500
#8 Perry Elementary School* 4th and Reber Streets Shoemakersville 562-3024	600	8100

*No decontamination facilities. Decontamination monitoring to be done at mass care center #1.

#9 Riverview Park Elementary School* 600

8,700

Stoudt's Ferry Bridge Road

Riverview Park, Reading

929-0705, extension 21

*No decontamination facilities. Decontamination monitoring to be done at mass care center #1.

IMPLEMENTING PROCEDURE

TRANSPORTATION COORDINATOR

I. PURPOSE

The purpose of this procedure is to support Berks County's response to an incident at the Limerick Generating Station, assuring the provision of adequate transportation resources to Berks County residents located within the plume exposure pathway emergency planning zone, and supporting the transportation needs of other risk counties when possible.

II. SITUATION

- A. There are seven (7) municipalities located within the Berks County section of the plume exposure pathway EPZ.
- B. Each risk municipality has identified residents who would be in need of transportation assistance in the event of an evacuation.
- C. The principal means of relocation by persons within the Berks County section of the EPZ in the event of an evacuation will be private automobiles.
- D. Special transportation provisions will be made for the following groups:
 - 1. Homebound invalids or handicapped persons requiring special transportation assistance (i.e., ambulance)
 - 2. School children (when school is in session)
 - 3. Persons without automobile transportation available to them
- E. Transportation staging areas have been designated for the purpose of positioning and assigning transportation resources not already assigned to a specific location.

III. ESSENTIAL DEFINITIONS

- A. Transportation Resource - vehicle such as a bus, van or ambulance committed to support the evacuation of individuals without such transportation otherwise available to them.
- B. Transportation Staging Area - location designated by the County or a municipality to which transportation resources respond for assignment.

IV. RESPONSIBILITIES

- A. Each risk municipality is responsible for developing and maintaining a list of individuals requiring transportation assistance in an evacuation.
- B. The Berks County Transportation Coordinator is responsible for coordinating with municipalities to identify transportation needs and for coordinating resources necessary to meet those needs.
- C. Berks County will support the unmet transportation needs of other risk counties insofar as possible.

V. OPERATIONAL PROCEDURES

A. UNUSUAL EVENT

No action necessary.

B. ALERT

1. Report to the EOC if requested by the EMA Director.
_____ (time completed)

- _____ 2. Notify relief transportation staff and place on standby status (reference Attachment A).
- _____ 3. Ensure that the Medical Coordinator has notified risk and support ambulance services.
- _____ 4. Coordinate with the School Services Officer in identifying school district transportation needs and resources.
- _____ 5. Coordinate with the Situation Analysis Officer to obtain an updated list of municipal transportation needs (reference Attachment B).
- _____ 6. Contact public transportation providers (bus, rail and air) and advise them of the ALERT. No re-scheduling or re-routing of scheduled transportation is necessary at this stage (reference Attachment C).
- _____ 7. Contact Berks County transportation resources, advise them of the incident, determine the number of vehicles and drivers available, and place on standby status (reference Attachment D).
- _____ 8. Notify Transportation Staging Area coordinators and place on standby status (reference Attachment F).
- _____ 9. Review procedures for SITE EMERGENCY.
- _____ 10. Maintain ALERT status until incident escalation or reduction or termination.

NOTES:

C. SITE EMERGENCY

- _____ 1. Report to the EOC.
(time completed)
- _____ 2. Notify relief transportation staff, mobilize assistants as needed, place remainder on standby status and prepare for extended (12-hour shift) operations (reference Attachment A).
- _____ 3. Notify transportation staging areas and place on standby status (reference Attachment E).
- _____ 4. Contact County transportation staging area staff and place them on standby status (reference Attachment F).
- _____ 5. Coordinate with the Communications Officer to ensure that a RACES unit has been assigned to each staging area and is ready for mobilization.
- _____ 6. Coordinate with the Situation Analysis Officer to obtain an updated list of municipal transportation needs (reference Attachment B).
- _____ 7. Coordinate with the School Services Officer to ensure that school evacuation vehicles have been placed on standby status.
- _____ 8. Coordinate with the Medical Coordinator to ensure that risk and support ambulance services have been mobilized and all other county ambulance services have been placed on standby status.
- _____ 9. Contact both pre-assigned and non-assigned Berks County transportation resources, advise them of the SITE EMERGENCY, confirm the availability of vehicles and drivers, and maintain on standby status (reference Attachment D).

- _____ 10. Contact public transportation providers (bus, rail, air) and advise them of the SITE EMERGENCY. No re-scheduling or re-routing of scheduled services should be required at this time (reference Attachment C).

- _____ 11. PEMA Eastern Area will relay unmet transportation needs from other risk counties. The risk counties may also relay such unmet needs directly. Prepare tentative assignments of uncommitted Berks County transportation resources to address unmet needs in coordination with the Medical Coordinator. Provide copies to the Operations Officer and EMA Director.

- _____ 12. If it is indicated by the EMA Director that transportation resources and staging areas should be mobilized at this stage, follow appropriate procedures under GENERAL EMERGENCY.

- _____ 13. Review all procedures for GENERAL EMERGENCY.

- _____ 14. Maintain SITE EMERGENCY status until incident escalation or reduction or termination.

NOTES:

D. GENERAL EMERGENCY

- _____ 1. Report to the EOC.
(time completed)
- _____ 2. Notify relief transportation staff, mobilize assistants as needed, place remainder on standby status and implement extended (12-hour shift) operations (reference Attachment A).
- _____ 3. Notify and activate transportation staging areas (reference Attachment E).
- _____ 4. Mobilize transportation staging area staff (reference Attachment F).
- _____ 5. Coordinate with the Communications Officer to ensure the dispatch of a RACES unit to each county staging area.
6. If a General Evacuation is ordered or recommended:
- _____ a. Coordinate with the Medical Coordinator to ensure the dispatch of ambulances adequate to evacuate handicapped and homebound individuals.
- _____ b. If school is in session, coordinate with the School Services Officer to ensure that school buses have been dispatched to their assigned schools.
- _____ c. Dispatch all pre-assigned transportation resources to their assigned locations (reference Attachment D).
- _____ d. Dispatch non-assigned transportation resources as necessary to meet unmet needs of risk municipalities and other risk counties (reference Attachment D). All non-assigned transportation resources should report to one of the two

transportation staging areas for the assignment (reference Attachment E).

- _____ e. Coordinate with the Medical Coordinator to ensure the dispatch of non-assigned ambulances as necessary to meet unmet needs of risk municipalities and other risk counties. All non-assigned ambulances should report to one of the two staging areas for their assignment (reference Attachment E).
- _____ f. As transportation resources arrive at staging areas, direct staging area personnel to dispatch as necessary to address unmet needs. The first priority is Berks County municipalities with unmet needs. Ensure that staging areas provide regular status reports via RACES.
- g. As transportation resources complete their assignments and report in, they should be directed to:

 - _____ (1) Return to a staging area in order to receive another assignment, or;
 - _____ (2) Return to quarters, or;
 - _____ (3) Report to an emergency worker monitoring/decontamination station (only if directed by the Radiological Officer) (reference Attachment G).
- _____ h. Report any unmet transportation needs to PEMA via the EMA Director.

7. If Sheltering is the recommended protective action:
 - _____ a. Notify all pre-assigned and non-assigned transportation resources (reference Attachment D) and maintain on standby status.
 - _____ b. Notify Transportation Staging Areas and maintain in a state of readiness (reference Attachment E).
 - _____ c. Notify staging area staff and maintain in a state of readiness (reference Attachment F).

8. If a Selective Evacuation is ordered or recommended:
 - _____ a. Dispatch transportation resources as necessary to respond to municipal unmet needs.
 - _____ b. Maintain Staging Areas in a state of readiness (reference Attachment E).
 - _____ c. Maintain staging area staff in a state of readiness (reference Attachment F).

- _____ 9. In the event of any protective action, notify public transportation providers (bus, rail and air) and advise them to re-route all scheduled service around the EPZ (reference Attachment C).

- _____ 10. Provide periodic status reports to the Operations Officer.

- _____ 11. Maintain GENERAL EMERGENCY status until incident reduction or termination.

NOTES:

IP-10-9

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ATTACHMENTS

- Attachment A: Berks County Transportation Coordinator and Staff
- Attachment B: Risk Municipalities in Berks County
- Attachment C: Public Transportation Providers
- Attachment D: Berks County Transportation Resources
- Attachment E: Berks County Transportation Staging Areas
- Attachment F: Staging Area Staff
- Attachment G: Emergency Worker Monitoring/Decontamination Stations

IMPLEMENTING PROCEDURE
TRANSPORTATION COORDINATOR

ATTACHMENT A

BERKS COUNTY TRANSPORTATION COORDINATOR AND STAFF

		<u>OFFICE</u>	<u>HOME</u>
Transportation Coordinator:	Gerald Larish	921-0604	[REDACTED]
Deputy Coordinators:	Frank Borkey	929-0766	[REDACTED]
	James Burns	374-2165	[REDACTED]
	Roger Hertz	779-7111	[REDACTED]

IMPLEMENTING PROCEDURE
TRANSPORTATION COORDINATOR
ATTACHMENT B
BERKS COUNTY RISK MUNICIPALITIES

<u>MUNICIPALITY</u>	<u>MUNICIPAL EOC TELEPHONE</u>
Amity Township	689-9415
Boyertown Borough	367-2688
Colebrookdale Township	369-1362
Douglass Township	367-8500
Earl Township	369-1800
Union Township	385-3769 582-3769
Washington Township	845-7653

NOTE: Municipal EOC's may also be contacted via RACES radio.
Coordinate with the Communications Officer.

IMPLEMENTING PROCEDURE
TRANSPORTATION COORDINATOR
ATTACHMENT C
PUBLIC TRANSPORTATION PROVIDERS

I. BUS

BARTA	921-0601	or	[REDACTED]
Carl R. Beiber Tourways	683-7333	or	[REDACTED]
Capitol Trailways	374-3182	or	[REDACTED]
W. J. Klein Charters	385-3550		

II. RAIL

Conrail	(717)657-5455	or	(717)657-5402
Amtrak	(800)562-5380	or	(215)824-1600

III. AIR

Reading Municipal Airport (Tower)	374-7929
FAA Flight Service, Harrisburg	376-3045

IMPLEMENTING PROCEDURE
TRANSPORTATION COORDINATOR

ATTACHMENT D

BERKS COUNTY TRANSPORTATION RESOURCES

I. PRE-ASSIGNED RESOURCES

A. Ambulances: coordinate with Medical Coordinator

B. Buses for Municipalities:

<u>Municipality</u>	<u>Bus Provider</u>	<u>Vehicles</u>
Amity Township	Jay Rhoads	1
Boyertown Borough	Jay Rhoads	2
Colebrookdale Township	Berks County Inter- mediate Unit*	1
Douglass Township	William Klein	1
Earl Township	Jay Rhoads	1
Union Township	William Klein	1
Washington Township	Berks County Inter- mediate Unit*	1

*Tentative

II. NON-ASSIGNED RESOURCES

(To be completed at time of incident depending upon availability)

IMPLEMENTING PROCEDURE
TRANSPORTATION COORDINATOR

ATTACHMENT E

BERKS COUNTY TRANSPORTATION STAGING AREAS

1. Quigley Bus Company Lot
Route 100
Bally, PA

845-2245,
[REDACTED]

Richard Bauman
Richard Seidel

[REDACTED] or
1-367-6031 (U)
[REDACTED] (H)

2. Reading Mall
Route 422 & Neversink Road
Reiffton
Reading, PA

[REDACTED]

IMPLEMENTING PROCEDURE
TRANSPORTATION COORDINATOR

ATTACHMENT F

STAGING AREA STAFF

1. Reading Mall, Reiffon

Staging Area Coordinator: -TBD-

Staff: -TBD-

2. Quigley Bus Company, Bally

Staging Area Coordinator: -TBD-

Staff: -TBD-

IMPLEMENTING PROCEDURE
TRANSPORTATION COORDINATOR

ATTACHMENT G

EMERGENCY WORKER MONITORING/DECONTAMINATION STATIONS

1. Northern Area:

Oley Valley High School
Oley, Pa

2. Southern Area:

Daniel Boone Senior High School
Birdsboro, PA

IMPLEMENTING PROCEDURE

AGRICULTURAL OFFICER

I. PURPOSE

The purpose of this procedure is to support Berks County's response to an incident at the Limerick Generating Station, ensuring the provision of information and assistance to farmers and livestock owners who may be affected by such an incident.

II. SITUATION

- A. There are farmers and livestock owners located within the Berks County section of the Plume Exposure Pathway EPZ.
- B. These farmers and livestock owners may be required to take some kind of protective action in the event of an incident at the Limerick station.
- C. All of Berks County is located within the Ingestion Exposure Pathway EPZ. An incident at the Limerick station may require a response from farmers, food processors and livestock owners within this EPZ.
- D. In the event of an evacuation, farmers responsible for tending livestock within the Plume Exposure Pathway EPZ can be certified as emergency workers by the Agricultural Officer, permitting access to this EPZ insofar as radiation levels allow.

III. ESSENTIAL DEFINITIONS

- A. Ingestion Exposure Pathway EPZ - That area surrounding the Limerick Generating Station which, in the event of a release of radioactive material, is potentially at risk 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 Limerick facility.

- B. Plume Exposure Pathway EPZ - That area around the Limerick Generating Station which potentially is subject to radiation exposure as a result of an incident involving a release of radioactive material from the Limerick facility. This EPZ consists of an area approximately ten miles in radius around the Limerick facility; the exact configuration of this EPZ was determined in consideration of conditions such as demography, topography, access routes and jurisdictional boundaries.

IV. RESPONSIBILITIES

- A. The Pennsylvania Department of Environmental Resources will:
 - 1. Collect and analyze samples from public water supplies;
 - 2. Analyze food and water samples and provide a technical interpretation to the Department of Agriculture;
 - 3. Provide protective action recommendations through its Bureau of Radiation Protection.
- B. The Pennsylvania Department of Agriculture will:
 - 1. Collect milk samples and products, livestock food, forage, and other food products for technical laboratory analysis by DER;
 - 2. Relay recommendations specific to the agricultural community through the USDA County Extension Office.
- C. The Director of the Berks County USDA Board will:
 - 1. Serve as the Agricultural Officer in the County EOC;

2. Certify farmers tending livestock within the Plume Exposure Pathway EPZ as emergency workers; and
3. Disseminate information and advisories from the Pennsylvania Department of Agriculture to farmers and food processors.

D. Farmers tending livestock within the Plume Exposure Pathway EPZ will:

1. Obtain certification as emergency workers from the Director of the USDA Board at the Berks County Agricultural Center in Leesport R.D. #1;
2. Obtain dosimeters and radioprotective drugs (potassium iodide), together with appropriate forms and records, from the Berks County EMA through the USDA Board; and
3. If so directed, report to an emergency worker decontamination station each time he or she leaves the Plume Exposure Pathway EPZ.

V. OPERATIONAL PROCEDURES

A. UNUSUAL EVENT

No actions required.

B. ALERT

_____ 1. Report to the Berks County EOC if requested.
(time
completed)

_____ 2. Notify the relief Agricultural Officer and place on standby status (reference Attachment A).

- _____ 3. If any farm emergency information advisories are received by the EMA from the State, coordinate with the Public Information Officer (PIO) to develop and release information statements to affected farmers via the EBS station (WHUM 1240 AM).

- _____ 4. Review procedures for SITE EMERGENCY.

5. Maintain ALERT status until incident escalation or reduction or termination.

NOTES:

C. SITE EMERGENCY

- _____ 1. Report to the Berks County EOC.
(time
completed)

- _____ 2. Notify the relief Agricultural Officer, placing on standby status, and prepare for extended (12-hour shift) operations (reference Attachment A).

- _____ 3. Coordinate with the PIO to develop and release information statements for farmers and livestock owners based on State advisories.

- _____ 4. Notify food processors located within the Plume Exposure Pathway EPZ, advising them of the situation and relaying any farm advisories received from the State (reference Attachment B).

- _____ 5. Assign County agricultural staff to assist State representatives, as requested, in obtaining soil, water and food samples.

- _____ 6. Review procedures for GENERAL EMERGENCY.

- _____ 7. Maintain SITE EMERGENCY status until incident escalation or termination or reduction.

NOTES:

D. GENERAL EMERGENCY

- _____ 1. Report to the EJC.
(time
completed)
- _____ 2. Notify the relief Agricultural Officer, placing on standby status, and implement extended (12-hour shift) operations (reference Attachment A).
- _____ 3. Notify farmers, livestock owners, and food processors located within the Plume Exposure Pathway of the General Emergency, recommending that all animals be placed on stored feed immediately (reference Attachment B).
- _____ 4. Coordinate with the PIO to develop and release information statements for farmers based on State advisories.
5. If Sheltering is directed:

 - _____ a. In coordination with the PIO, inform farmers, livestock owners and food processors of the sheltering directive, advising them to shelter all farm animals insofar as possible, and ensuring that all animals are placed on stored feed.
 - _____ b. In conjunction with the PIO, prepare and release advisories for farmers, food processors and livestock owners outside the Plume Exposure Pathway who may be affected, based on advisories received from the State.
 - _____ c. Assist as requested by the State in assigning county agricultural personnel to assist in the collection of water, food and soil samples.

6. If Evacuation is directed:

- _____ a. In coordination with the PIO, notify farmers, livestock owners and food processors within the Plume Exposure Pathway EPZ, instructing those who need to reenter the EPZ to tend livestock to report to the County Agricultural Center for certification as emergency workers.
 - _____ b. Assign county agricultural staff to be available on a 24-hour basis to certify farmers as emergency workers.
 - _____ c. Coordinate with the Radiological Officer to arrange for dosimeters, radioprotective drugs, and appropriate records/forms for distribution to farm emergency workers.
 - _____ d. Coordinate with the Police Services Coordinator to ensure that access control personnel are aware of and will recognize Farmer Emergency Worker Certification forms (reference Attachment C).
- _____ 7. Maintain GENERAL EMERGENCY status until incident reduction or termination.

NOTES:

ATTACHMENTS

- Attachment A: Agricultural Officer and Relief Staff
- Attachment B: Farmers, Livestock Owners and Food Processors Within the Plume Exposure Pathway EPZ
- Attachment C: Emergency Worker Certification Form
- Attachment D: Protective Action Guide for Farmers and Food Processors

IMPLEMENTING PROCEDURE

AGRICULTURAL OFFICER

ATTACHMENT A

AGRICULTURAL OFFICER AND RELIEF STAFF

Henry Bohn, Jr. 372-4655 (U)

Director, USDA Emergency Board [REDACTED] (H)

Duane Pysher 372-4655 (U)

[REDACTED] (H)

IMPLEMENTING PROCEDURE

AGRICULTURAL OFFICER

ATTACHMENT B

FARMERS, LIVESTOCK OWNERS AND FOOD PROCESSORS
WITHIN THE PLUME EXPOSURE PATHWAY EPZ

I. FOOD PROCESSORS

Allentown Refrigerated Terminals Inc.
Route 73, west of Route 100
Boyertown
[REDACTED]

Frecon Orchards
Powder Mile Rd., 1/4 mile west of Boyertown
Colebrookdale Township
[REDACTED]

William Keim Orchard
Poplar Rd., off Route 562, 1 mile west of Boyertown
Douglas Township
[REDACTED]

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.

IMPLEMENTING PROCEDURES
AGRICULTURAL OFFICER
ATTACHMENT C

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.: _____
TLD, Manufacturer: _____
Serial No.: _____

Individual's Signature: X _____

Signature of Director: X _____
Berks County USDA
Emergency Board

IMPLEMENTING PROCEDURES

AGRICULTURAL OFFICER

ATTACHMENT D

PROTECTIVE ACTION GUIDE FOR FARMERS AND FOOD PROCESSORS

This section provides information for farmers and food processors that will assist in the protection of livestock, crops and food products from radiocontamination.

I. GENERAL INFORMATION

- A. PEMA, in coordination with the licensee, BRP and other state agencies, will provide specific information following an incident concerning amounts and types of releases. This information will contain available warning time, the probable duration quantities, and the mix of radiocontaminant discharge. Generally, in a fixed nuclear site incident radioiodine will be the major contaminant, although it is possible that other radiocontaminants will also be released.
- B. Experience has shown that the time from the depositing of radioiodines on the pasture to the appearance of significant quantities of radioiodine in cow's milk may be as short as the time lapse between milkings (12 hours). It is extremely important, therefore, that actions to minimize milk contamination be taken at the earliest possible time.
- C. Several options are available for the protection of the public from exposure to radioiodine through the milk food chain.
 1. The removal of dairy cattle and other milk producing animals from the pasture in the affected area as soon as possible and the provision of feed and water from sources that are not contaminated.

2. The disposal of contaminated milk, as determined by a sample to be taken by the appropriate State agency.
- D. These are suggested priorities for sheltering and feeding farm animals with stored food and water:
1. Dairy cattle and other milk producing animals.
 2. Egg producing fowl.
 3. Breeding stock.
 4. Other livestock.
- E. No attempts should be made to evacuate farm animals from the 10-mile or 50-mile EPZ as priority for evacuation will be given to the public.
- F. A shelter can be a barn, shed, garage or other building. If these are not available, a roadway underpass or a wooded area is better than no cover at all.
- G. Crops that have been harvested before the accident should be covered or put in a covered area, if possible. An emergency supply of water should also be kept in covered containers, e.g., barrels, cisterns and wells.
- H. The EBS will broadcast Pennsylvania Department of Agriculture advisories and guidance. If more information is needed, contact the Berks County Emergency Management Agency at 373-5233 or 374-4800.

II. INFORMATION FOR FOOD PROCESSORS

The primary objective of the food processor must be to prevent the contamination of the public through the processing of contaminated food. Guidance is provided in the Department of Agriculture and

Department of Environmental Resources Plans for Nuclear Power Generating Station Incidents. Questions not answered in the referenced documents should be addressed to the Berks County Emergency Management Agency. The burden of protecting the public from contamination through ingestion of contaminated foods provided by the food processors rests directly on the processors. They must take whatever actions are necessary to ensure that the foods processed for consumption by the public are not contaminated.

IMPLEMENTING PROCEDURE

PUBLIC WORKS OFFICER

I. PURPOSE

The purpose of this procedure is to support Berks County's response to an incident at the Limerick Generating Station, ensuring that major evacuation routes are maintained in passable condition, mobilizing roadway clearance and fuel resources as needed, and providing for the timely notification and response of major Berks County industries, parks and utilities located within the plume exposure pathway EPZ.

II. SITUATION

- A. Main evacuation routes from the the plume exposure pathway EPZ have been designated for use by the general public.
- B. Road clearance resources (snow plows, wreckers) and fuel stations have been identified which will be mobilized as necessary to assist in an evacuation.
- C. The Pennsylvania Department of Transportation (PennDOT) will assist in the clearance of major evacuation routes.
- D. Major industries, or industries with extended shut-down times, will be notified prior to notification of the general public.
- E. Major industries located within the EPZ may require special assistance in the event a protective action is recommended or ordered.

III. ESSENTIAL DEFINITIONS

- A. Fuel Resources - service stations located on or near main evacuation routes which have agreed to open after regular hours during an evacuation.

- B. Main Evacuation Routes - major routes leading out of the EPZ which have been designated for use by the general public.
- C. Road Clearance Resources - snowplows, wreckers, and other vehicles which will be called upon as needed in the event of an evacuation. Road clearance resources may be obtained from PennDOT and/or private organizations.

IV. RESPONSIBILITIES

- A. The Berks County Police Services Coordinator, in cooperation with the Pennsylvania State Police, municipal police departments and fire police organizations, is responsible for the execution of traffic control plans.
- B. The Public Works Officer is charged with the following direct responsibilities:
 - 1. Coordination of efforts to remove traffic obstructions on main evacuation routes.
 - 2. Notification and mobilization of fuel stations on main evacuation routes.
 - 3. Coordination with PennDOT and the Berks County Engineer in the identification and assignment of road clearance resources.
 - 4. Response to unmet municipal road clearance needs.
 - 5. Provision of timely notification to industries located within the plume exposure pathway EPZ in the event of an incident at Limerick.
 - 6. Response to the needs of industry in an emergency, addressing industrial unmet needs through emergency management channels.

7. Identification of resources available from private industry to support Berks County's response to an incident at Limerick.

V. OPERATIONAL PROCEDURES

A. UNUSUAL EVENT

No action necessary.

B. ALERT

- _____ 1. Respond to the EOC if requested.
(time completed)
- _____ 2. Notify the relief Public Works Officer to standby (reference Attachment A).
- _____ 3. Notify major industries, parks and utilities within the EPZ, indicating that no special response is indicated at this time (reference Attachments B and C).
- _____ 4. Review procedures for SITE EMERGENCY.
- _____ 5. Maintain ALERT status until incident escalation or reduction or termination.

NOTES:

C. SITE EMERGENCY

- _____ 1. Report to the EOC.
(time
completed)
- _____ 2. Notify the relief Public Works Officer, place on standby status, and prepare for extended (12-hour shift) operations (reference Attachment A).
- _____ 3. Review resource availability figures (reference Annex Q, Basic Plan) and assign as necessary to respond to municipal unmet needs.
- _____ 4. Notify road clearance and fuel resources and place on standby status (reference Attachment D).
- _____ 5. Contact the PennDOT Maintenance Office at 929-0766 and the County Engineer's Office at 375-6121, extension 220 in order to identify any areas of construction, detours, etc. on evacuation routes.
- _____ 6. Notify utilities, parks and major industries, checking with industry contacts to determine the resources and time needed for them to shut down if it should become necessary. Relay any recommendations regarding the advisability of suspending or limiting operations at this time due to the potential of incident escalation and potential staffing shortages (reference Attachments B and C).
- _____ 7. Mobilize Central Resources Receiving Point and staff.
- _____ 8. Review procedures for GENERAL EMERGENCY.
- _____ 9. Maintain SITE EMERGENCY status until incident escalation or reduction or termination.

NOTES:

D. GENERAL EMERGENCY

- _____ 1. Report to the EOC.
(time
completed)
- _____ 2. Notify the relief Public Works Officer, place on standby status and implement extended (12-hour shift) operations (reference Attachment A).
3. Maintain SITE EMERGENCY status unless a protective action (Sheltering or Evacuation) is ordered or recommended.
4. If Sheltering is ordered or recommended:
- _____ a. Notify industries, parks and utilities of the protective action.
- _____ b. Identify and respond to unmet industrial needs.
- _____ c. Request resources from industries and utilities (personnel, vehicles, equipment) as directed.
- _____ d. Maintain communications with industries, parks and utilities and provide periodic status reports to the EMA Director.
5. If Evacuation is ordered or recommended:
- _____ a. Mobilize road clearance resources previously assigned to address municipal unmet needs (reference Section V.C.3 of this procedure and Annex Q, Basic Plan).
- _____ b. Mobilize PennDOT resources as needed to maintain and clear main evacuation routes.
- _____ c. Notify industries, parks and utilities of the protective action.

- _____ d. Identify and respond to unmet industrial needs.
 - _____ e. Request resources from industries and utilities (personnel, vehicles, equipment) as directed.
 - _____ f. Maintain communications with industries and provide periodic status reports to the EMA Director.
- _____ 6. Maintain GENERAL EMERGENCY status until incident reduction or termination.

NOTES:

ATTACHMENTS

Attachment A: Primary and Relief Public Works Officers

Attachment B: Industries Located Within the Berks County EPZ

Attachment C: Utilities Serving the Berks County EPZ

Attachment D: Road Clearance and Fuel Resources

IMPLEMENTING PROCEDURES

PUBLIC WORKS OFFICER

ATTACHMENT A

PRIMARY AND RELIEF PUBLIC WORKS OFFICERS

Primary: Ronald Weaver 375-6121 Ext. 220 (U)
[REDACTED] (H)

Relief: William Wescott 375-6121 Ext. 220 (U)
[REDACTED] (H)

IMPLEMENTING PROCEDURES

PUBLIC WORKS OFFICER


ATTACHMENT B

INDUSTRIES LOCATED WITHIN THE BERKS COUNTY EPZ

Amity Township

- | | | |
|------------------------------------|----------------------------------|----------|
| 1. Kiwi Corporation | George Barrett
Plant Engineer | 385-3041 |
| 2. American Crane &
Hoist, Inc. | Pat Ulock
General Manager | 385-6061 |

Boyertown Borough

- | | | |
|-----------------------------|----------------------------------|---|
| 1. Wagner Electric | Richard Gernart
Plant Manager | 367-2504 |
| 2. Eastern Foundry | Richard Smith
General Manager | 362-2153 |
| 3. Emerald Tool & Die Co. | Glenn White
President | 367-2951 |
| 4. Boyertown Casket Co. | Fred Ikrig
Vice President | (U) 367-2131
 |
| 5. Boyertown Planing Mill | Robert Hemmerle
Sec. Treasure | 367-2124 |
| 6. Boyertown Automotive Co. | Robert Ziegler, Jr.
Manager | 367-2811 |
| 7. A. W. Mercer | Peter Mercer | 367-2971 |
| 8. Unicast | Mr. Stimmel
General Manager | 367-0155 |

Colebrookdale Township

- | | | |
|----------------------|---------------------------------|----------|
| 1. Boyertown Packing | Dan Sautter
Plant's Engineer | 367-2991 |
|----------------------|---------------------------------|----------|

Union Township

- | | | |
|----------------------|--------------|----------|
| 1. Birdsboro Casting | H. Herb | 582-1575 |
| 2. Berks Associates | Receptionist | 385-3031 |

3. Yellow Freight	Joe Novak	(U) 327-2030 [REDACTED]
4. Dampman Oil	Mr. Youse	323-7610
5. Hopewell Non-Ferrous Foundry	Joseph Dradza	385-6900
6. French Creek State Park	Donald Clewell, Superintendent	(U) 582-1514 [REDACTED] or County Pager
7. Hopewell Villaye National Historic Site	Superintendent (8 a.m. - 5 p.m.) Chief Ranger (5 p.m. - 8 a.m.)	582-8773 [REDACTED]

IMPLEMENTING PROCEDURES

PUBLIC WORKS OFFICER

ATTACHMENT C

UTILITIES SERVING THE BERKS COUNTY EPZ

<u>Utility</u>	<u>Contact Person</u>	<u>Telephone</u>
Bell Telephone of Pennsylvania	Thomas Campisano, Mgr.	375-7044 (U) [REDACTED] (H)
Conestoga T & T Co.	--	582-8711 582-2201
Metropolitan Edison Co.	Robert Grant, Sr. Charles Bolick	929-3601 (U) [REDACTED] (H) 929-6111 (U) [REDACTED] (H)
Boyertown Water Co.	--	367-2588 369-1561
Birdsboro Municipal Authority	--	632-4450
Douglassville Water Co.	--	385-6760
U.G.I. Corp.	William J. Armstrong, Jr., or Michael Fink	378-1331 (U) [REDACTED] (H) 378-1331 (U) [REDACTED] (H)

IMPLEMENTING PROCEDURES
PUBLIC WORKS OFFICER
ATTACHMENT D
ROAD CLEARANCE 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

John Benfield Sunoco
Rt. 100 (East Side) & Gehringer Rd.
John Benfield
845-7346

Drumheller Chevron
Rt. 73 (North Side) & Rt. 662 South
Robert Drumheller
987-3100 (U), [REDACTED]

Clayton Auto Center, Chevron
Rt. 100 (East Side) & Kutztown Rd.
Charles Clayton
845-2633 (0), [REDACTED]

Exxon
Rt. 724 & Rt. 82
Frank Bentz
582-8140

Haas Mobil
Rt. 73 (South Side) & Covered Bridge Rd.
Charles W. Haas
845-2633 (0), [REDACTED]

Target's Auto Center Chevron
Rt. 422 (South Side) & Rt. 8?
Tom Target
385-3800 or 582-2044 (U)
[REDACTED] (H)

Mobil
Rt. 724 & Rt. 82
Richard Sayer
779-8122 (U), [REDACTED]

BP
Rt. 422 (South Side) 1/2 Mile
West of Jct. Rt. 82 & Rt. 422
24 Hr. Service
582-3880

RECO
Rt. 422 (South Side) & Gibrelton Rd.
Richard Sayer
779-8122 (0), [REDACTED]

Penn Supreme
Rt. 422 (North Side) at Fairlane Rd.
24 Hr. Service

Sivco's Garage, Citgo
Rt. 100 (East Side) & Rt. 29
Mike Sivco
679-8887 (0), [REDACTED]

FISCA
Rt. 422 (South Side) & Fairlane Rd.
(903) 236-7000

Kehs Brothers, Mobil
Rt. 100 (West Side)
Bally, PA
Henry Kehs 845-2266
Ernest Bauman [REDACTED] (nights & weekends)

Sunoco
Rt. 422 (North Side) & 47th St.
24 Hr. Services
Jim Rau
779-3855

ARCU
Rt. 422 (North Side) & 47th St.
George Tobias, Mgr.
779-9818 (0), [REDACTED]

IMPLEMENTING PROCEDURE

SITUATION ANALYSIS OFFICER
(MUNICIPAL LIAISON)

I. PURPOSE

The purpose of this procedure is to support Berks County's response to an incident at the Limerick Generating Station, providing for a liaison with affected municipalities and for the provision of status reports regarding the municipal response.

II. SITUATION

- A. There are seven (7) Berks County municipalities located in whole or in part within the Limerick plume exposure pathway Emergency Planning Zone (EPZ).
- B. Each risk municipality has an Emergency Operations Center (EOC) which will be staffed and activated in the event of an incident at Limerick.
- C. Each risk municipality has developed its own radiological emergency response plan (RERP) for incidents at Limerick.
- D. Berks County will respond to municipal unmet needs using county resources insofar as possible.

III. ESSENTIAL DEFINITIONS

- A. Risk Municipality - A municipality located, in whole or in part, within the Limerick plume exposure pathway EPZ.
- B. Unmet Needs - Capabilities and/or resources required to support emergency operations but neither available nor provided for at the respective level of government.

IV. RESPONSIBILITIES

- A. Municipal emergency management coordinators are responsible for implementing the response of the municipality to an incident at Limerick insofar as municipal resources allow.

- B. The Situation Analysis Officer is responsible for:
 - 1. Review of, and familiarity with, municipal RERP's.

 - 2. Establishing and maintaining communications with municipal emergency management coordinators at the time of an incident.

 - 3. Development of status reports regarding the municipal response to an incident at Limerick.

 - 4. Coordination of Berks County's response to municipal unmet needs with the EMA Director and appropriate County EOC staff.

V. OPERATIONAL PROCEDURES

A. UNUSUAL EVENT

No action necessary.

B. ALERT

- _____ 1. Report to the Berks County EOC if requested.
(time completed)
- _____ 2. Notify and brief the relief Situation Analysis Officer
(reference Attachment A).
- _____ 3. Notify and brief risk municipal emergency management
coordinators, directing them to notify key staff, activate their
EOC, and implement the municipal RERP as appropriate for ALERT
(reference Attachment B).
- _____ 4. Review procedures for SITE EMERGENCY.
- _____ 5. Maintain ALERT status until incident escalation or reduction or
termination.

NOTES:

C. SITE EMERGENCY

- _____ 1. Report to the Berks County EOC.
(time
completed)
- _____ 2. Notify the relief Situation Analysis Officer, placing on standby status, and prepare for extended (12-hour shift) operations (reference Attachment A).
- _____ 3. Notify municipal emergency management coordinators, directing them to mobilize all staff, fully activate their EOC, and implement their RERP as appropriate for SITE EMERGENCY (reference Attachment B).
- _____ 4. Respond to municipal unmet needs as reported by municipal EMA staff. (NOTE: Municipal EOC staff may contact their County EOC counterparts directly via telephone. Coordinate with other EOC Officers in order to assess their response to municipal unmet needs.)
- _____ 5. Prepare status reports, on an hourly basis or as requested, detailing municipal response information, unmet needs, and steps being taken to respond to unmet needs. Forward such reports to the EMA Director.
- _____ 6. Review procedures for GENERAL EMERGENCY.
- _____ 7. Maintain SITE EMERGENCY status until incident escalation or reduction or termination.

NOTES:

D. GENERAL EMERGENCY

- _____ 1. Report to the Berks County EOC.
(time
completed)
- _____ 2. Notify the relief Situation Analysis Officer, placing on standby status, and implement extended (12-hour shift) operations (reference Attachment A).
- _____ 3. Notify risk municipal emergency management coordinators of the GENERAL EMERGENCY and direct them to implement their RERP as appropriate (reference Attachment B).
- _____ 4. Update records of municipal unmet needs and coordinate the response with appropriate County EOC staff.
- _____ 5. Update status reports regarding the municipal response.
- _____ 6. When the designated siren activation time is known, notify risk municipalities.
- _____ 7. If a protective action (Evacuation or Sheltering) is ordered or recommended, convey that information to municipal emergency management coordinators, directing that they employ the appropriate procedures in their RERP (reference Attachment B).
- _____ 8. Monitor the progress of the municipal implementation of protective actions, coordinating the response to unmet needs and preparing appropriate status reports.
- _____ 9. In the event of a general evacuation, confirm the location of alternate municipal EOC's with the risk municipal emergency management coordinators.
10. Maintain GENERAL EMERGENCY status until incident reduction or termination.

NOTES:

ATTACHMENTS

- Attachment A. Primary and Relief Situation Analysis Officer
- Attachment B. Risk Municipal Emergency Management Coordinators
- Attachment C. Municipal EOC Telephone Numbers

IMPLEMENTING PROCEDURE
SITUATION ANALYSIS OFFICER

ATTACHMENT A

PRIMARY AND RELIEF SITUATION ANALYSIS OFFICER

Primary:

Fay Sallack

375-6121 ext. 230 (U)
[REDACTED] (H)

Secondary:

[REDACTED]

[REDACTED]

IMPLEMENTING PROCEDURES
SITUATION ANALYSIS OFFICER

ATTACHMENT B

RISK MUNICIPAL EMERGENCY MANAGEMENT COORDINATORS

<u>Municipality</u>	<u>Coordinator</u>	<u>Telephone</u>
Amity Township	Harold L. Reigel	689-5507 (O) [REDACTED] (H)
Boyertown Borough	Robert Layman	367-2688 (O) [REDACTED] (H)
Colebrookdale Township	Jonathan Smoyer	779-8706 (O) [REDACTED] (H)
Douglass Township	Anthony Minotto	323-4780 (O) [REDACTED] (H)
Earl Township	- TBD -	
Union Township	Mary Catherine Lowery	948-3345 (O) [REDACTED] (H)
Washington Township	Herbert Reeves	845-2877 (O) [REDACTED] (H)

IMPLEMENTING PROCEDURE
TRANSPORTATION COORDINATOR
ATTACHMENT B
BERKS COUNTY RISK MUNICIPALITIES

<u>MUNICIPALITY</u>	<u>MUNICIPAL EOC TELEPHONE</u>
Amity Township	689-9415
Boyertown Borough	367-2688
Colebrookdale Township	369-1362
Douglass Township	367-8500
Earl Township	385-3769
Union Township	385-3769 582-3769
Washington Township	845-7653

NOTE: Municipal EOC's may also be contacted via RACES radio. Coordinate with the Communications Officer.

STANDARD OPERATING PROCEDURE

EOC OPERATIONS

I. DISTRIBUTION

This procedure shall be distributed to all members of the Executive, Operations, and Resources Groups plus the Situation Analysis Officer.

II. PURPOSE

The purpose of this procedure is to describe the facilities, organization and operation of the Berks County EOC as the primary control point for all county emergency response efforts.

III. SITUATION

- A. The Berks County EOC is located in the basement of the County Agricultural Center in Bern Township.
- B. The EOC is the central facility where county government officials gather during an emergency for the purpose of directing and coordinating emergency workers in response to an incident. Communications with public safety organizations, affected municipalities and other affected entities, the formulation of protective action decisions, and the development of public information statements are additional functions which are based in the EOC.

IV. RESPONSIBILITIES

- A. The EOC staff is organized into four basic groups: Executive, Operations, Resources, and Clerical.
 - 1. The Executive Group consists of the County Commissioners, the EMA Director, and the Public Information Officer. The Executive Group is responsible for the assignment, direction and

coordination of the overall emergency response, and for the preparation of public information statements.

2. The Operations Group consists of the Fire Services Officer, the Police Services Officer, the Medical Coordinator, the Mass Care Officer, the Transportation Officer, the School Services Officer, and the Communications Officer. This group is responsible for the actual detailed implementation of the emergency response, directing the actions of emergency workers in the field and coordinating the response among the involved officers.
 3. The Resources Group consists of the Public Works Officer, the Agricultural Officer, the Military Liaison, and the Radiological Officer. The Resources Group is responsible for the identification and mobilization of resources necessary to support the response by the Operations Group. In addition, some Resources Group personnel are assigned specific operational responsibilities.
 4. The Clerical Group consists of office personnel, including typists, messengers, and record keepers, providing administrative support to the entire EOC. It is directed by the Operations Officer.
- B. In addition to the four primary groups, there are other EOC staff with specific assignments. These include:
1. The Situation Analysis Officer, who serves as the primary liaison between the County EOC and risk municipalities, identifying municipal unmet needs and coordinating the County response to them.
 2. Rumor Control personnel, who are responsible for manning the rumor control telephones. They are under the direction of the Public Information Officer.

3. Facility Support personnel, which includes EOC Security, custodial and maintenance personnel. They are under the direction of the Operations Officer.

C. Liaison personnel may be assigned to the EOC from external agencies such as the Red Cross, State Police, and PEMA. Support for these personnel (office space, clerical support, supplies, etc.) will be coordinated by the Operations Officer.

V. OPERATIONAL PROCEDURES

A. UNUSUAL EVENT

No actions required.

B. ALERT

<u>Action</u>	<u>Responsibility</u>
1. Partially Activate the EOC:	Operations Officer
a. Arrange tables and chairs per standard EOC organization (reference Attachment A).	
b. Hook up appropriate telephones to drops in the EOC ceiling (reference Attachment A).	
c. Ensure that EOC telephones are activated at the telephone company central office.	
d. Arrange appropriate maps and status boards.	
e. Test the emergency generator.	

<u>Action</u>	<u>Responsibility</u>
2. Direct the abbreviated Operations and Resources Groups made up of key personnel.	EMA Director
3. Provide logistical and clerical support for the Operations and Resources Groups as needed.	Operations Officer
4. Establish EOC Security with Berks Heim Security personnel.	Police Services Officer
5. Provide communications support to the Operations and Resources Groups.	Communications Officer

C. SITE EMERGENCY

<u>Action</u>	<u>Responsibility</u>
1. Fully Activate the EOC:	Operations Officer
a. Confirm that furniture is properly arranged and telephones are fully activated.	
b. Update maps and status boards.	
c. Ensure that sufficient office supplies are on hand and distributed to EOC staff.	
d. Distribute message forms and initiate message control (reference SOP-2, "Message Control").	

<u>Action</u>	<u>Responsibility</u>
e. Ensure that arrangements for adequate food and beverages have been made with Berks Heim.	
f. Test the emergency generator.	
2. Direct the full Operations and Resources Groups.	County Commissioners, through EMA Director
3. Initiate record keeping procedures (reference Attachment B).	Operations Officer
4. Direct the operations of the Clerical Group, ensuring that adequate clerical personnel have been arranged and confirming the availability of backup photocopiers.	Operations Officer

D. GENERAL EMERGENCY

<u>Action</u>	<u>Responsibility</u>
1. Fully Activate the EUC:	Operations Officer
a. Confirm that furniture is properly arranged and telephones are fully activated.	
b. Update maps and status boards.	
c. Ensure that sufficient office supplies are on hand and distributed to EUC staff.	

<u>Action</u>	<u>Responsibility</u>
d. Distribute message forms and initiate message control (reference Message Control SOP).	Operations Officer
e. Ensure that arrangements for adequate food and beverages have been made with Berks Heim.	Operations Officer
2. Direct the full Operations and Resources Groups.	County Commissioners, through EMA Director
3. Initiate record keeping procedures (reference Attachment B).	Operations Officer
4. Direct the operations of the Clerical Group, ensuring that adequate clerical personnel have been arranged and confirming the availability of backup photocopiers.	Operations Officer

VI. APPENDICES

A. EOC Organization

B. Record Keeping Procedures

STATUS BOARDS

OPERATIONS OFFICER COMMUNICATIONS OFFICER

COUNTY COMMISSIONERS
EMA DIRECTOR PIO

EXECUTIVE GROUP

PUBLIC WORKS
AGRICULTURE
SOCIAL SERVICES
MINISTRY
MILITARY LIAISON
RADIOLOGICAL

POLICE
PSP LIAISON
FIRE
MEDICAL
TRANSPORT
SCHOOL

RESOURCE GROUP

OPERATIONS GROUP

DAMAGE ASSESSMENT

SITUATION ANALYSIS (MUNICIPAL LIAISON)

STATUS BOARDS

STANDARD OPERATING PROCEDURES
RENSSELAER COUNTY EMERGENCY MANAGEMENT AGENCY
EOC ORGANIZATION

ATTACHMENT A

STANDARD OPERATING PROCEDURES

EOC OPERATIONS

ATTACHMENT B

RECORD KEEPING PROCEDURES

1. Records will be permanently retained by the Clerical Group.
2. A copy of all messages in the EOC will be filed in numerical sequence.
3. Each member of the EOC Operations and Resources Groups will keep a separate folder of Incoming and Outgoing Messages.
4. At the termination of the emergency, the Clerical Group will collect all INCOMING MESSAGE and OUTGOING MESSAGE folders from the EOC Operations and Resources Groups.
5. The folders will be permanently filed by officer's title.
6. The permanent filing system will then consist of:
 - a. A file of all messages by officer, further divided into INCUMING and OUTGOING messages.
 - b. A file of all messages handled by the EOC divided into INCUMING and OUTGOING messages.
 - c. A master file in message number sequence.
7. Once permanently filed, original messages should never be given away. Copies should be made if anyone needs them.
8. Any other records pertinent to the emergency will be identified by the Operations Officer and filed in accordance with his instructions.

STANDARD OPERATING PROCEDURE

RECEPTION CENTER MANAGER

I. PURPOSE

The purpose of this procedure is to support Berks County's response to an incident at the Limerick Generating Station by assigning evacuees to mass care centers and maintaining an accurate count of evacuees.

II. SITUATION

- A. There are three (3) reception centers located along main evacuation routes in Berks County. The primary purpose of a reception center is to provide a safe place for evacuees to wait for transportation to mass care centers.
- B. It is estimated that up to 34,8000 individuals could be evacuating into Berks County. As many as 50%, or 17,400, may require mass care care.
- C. Normal communications between the reception center the Berks County EOC will be by telephone. Backup communications will be provided by RACES.

III. RESPONSIBILITIES

- A. Reception Center Manager
 - 1. Acknowledge receipt of notification and make a written record of the information received, including date and time.
 - 2. Issue mobilization instructions to reception center staff.
 - 3. Confirm details of reception center operations with the person in charge of the reception center facility.

4. Brief reception center staff, assigning responsibilities to include the following:

- a. Traffic Control
- b. Communications
- c. Strip map distribution/mass care assignment
- d. Maintenance of evacuee head count

5. Maintain regular communications with the Berks County Mass Care Coordinator.

6. After the reception center is closed, take necessary steps to prepare the facility for return to its owner.

B. Berks County Emergency Management Agency

- 1. Strip maps, showing routes from the reception center to mass care centers, and other necessary information and material, will be delivered by the Berks County EMA to the reception center at Site Emergency.

IV. OPERATIONAL PROCEDURES

A. UNUSUAL EVENT

No action necessary.

B. ALERT

- _____ 1. Initial notification will be received from the Berks County EMA.
(time)
- _____ 2. Notify reception center staff, advising them of the situation.
No mobilization of staff is necessary at this time.

NOTES:

C. SITE EMERGENCY

- _____ 1. Initial notification will be received from the Berks County EMA.
(time)
- _____ 2. Notify reception center staff, advising them of the situation
and placing them on standby status.
3. The Berks County EMA will deliver strip maps and other necessary
materials directly to the reception center.
4. Maintain Site Emergency status until reduction, escalation or
termination of the incident.

NOTES:

D. GENERAL EMERGENCY

- _____ 1. The Berks County Mass Care Coordinator will notify and advise
(time) you of the situation.
- _____ 2. Notify reception center staff, advising them of the situation
and dispatching them to the reception center.
- _____ 3. The Berks County EMA will have delivered strip maps and other
necessary materials directly to the reception center.
- _____ 4. Upon arrival at the reception center, issue mobilization
instructions to reception center staff.
- _____ 5. Inventory and prepare strip maps and other material delivered by
the County.
- _____ 6. Assign staff to the following responsibilities:
 - a. Traffic Control
 - b. Communications
 - c. Strip map distribution/mass care assignment
- _____ 7. Notify the County Mass Care Coordinator at 215-376-4956 when the
reception center is manned and ready to be activated.
- _____ 8. Have the RACES unit set up and report in to the County upon
arrival.
- _____ 9. If an evacuation is indicated and the reception center is to be
activated, acknowledge message receipt and make a written record
of the notification including date and time.
- _____ 10. Coordinate the sequence to be used for opening of mass care
centers with the County Mass Care Coordinator.

- _____ 11. As evacuees arrive at the reception center:
 - a. Determine whether they need a place to stay.
 - b. Assign appropriate mass care accommodations, if needed.
 - c. Distribute one (1) strip map per person requiring mass care space. (Every person in a vehicle who is going to a mass care center must receive a map. This will maintain a proper count of evacuees and mass care capacity.)
- _____ 12. Traffic control staff should maintain a vehicle count.
- _____ 13. Notify the County Mass Care Coordinator when fewer than one hundred (100) mass care spaces remain for a given center.
- _____ 14. Report figures on evacuees processed, mass care assignments, and any unmet needs to the Berks County Mass Care Coordinator on an hourly basis, or as needed.
15. Maintain General Emergency status until notified by the County to terminate operations.
16. Following the closing of the reception center, prepare a final report to include:
 - a. Summary of all activities including statistics on the number of evacuees processed.
 - b. Names and addresses of all staff.
 - c. Message logs.
 - d. Forward this information as directed by the County Mass Care Coordinator.

NOTES:

STANDARD OPERATING PROCEDURE
TRANSPORTATION STAGING AREA MANAGER

I. PURPOSE

The purpose of this procedure is to support Berks County's response to an evacuation due to an incident at the Limerick Generating Station by maintaining an accurate count of arriving transportation resources and assigning them as needed.

II. SITUATION

- A. A serious incident at the Limerick Generating Station could result in a need to evacuate the plume exposure pathway EPZ, an area approximately ten miles in radius around the Limerick station. In the event of an evacuation, the Berks County Emergency Management Agency (EMA) will mobilize available transportation resources to a transportation staging area.
- B. There are two (2) transportation staging areas located along main evacuation routes in Berks County. The primary purpose of a transportation staging area is the assignment of transportation resources to a specific location or facility to be evacuated.
- C. Normal communications between the transportation staging area and the Berks County EOC will be by telephone. Backup communications will be provided by RACES.

III. ESSENTIAL DEFINITIONS

1. Transportation Resource - Vehicle such as a bus, van or ambulance committed to support the evacuation of individuals without such transportation available to them.

- B. Transportation Staging Area - Location designated by the County or a municipality to which transportation resources respond for assignment.

IV. RESPONSIBILITIES

- A. The Transportation Staging Area Manager shall be responsible for:
 - 1. Acknowledging receipt of notification and making a written record of the information received, including date and time.
 - 2. Issuing mobilization instructions to transportation staging area staff.
 - 3. Confirming details of transportation staging area operations with the person normally in charge of the facility.
 - 4. Briefing transportation staging area staff, assigning responsibilities to include the following:
 - a. Traffic Control
 - b. Communications
 - c. Maintenance of a count of vehicles at the staging area and available for assignment.
 - d. Map distribution and transportation resource assignment
 - 5. Maintaining regular communications with the Berks County Transportation Coordinator.
 - 6. After the transportation staging area is closed, taking necessary steps to prepare the facility for return to its owner.

B. Berks County Emergency Management Agency

The Transportation Coordinator, operating from the Berks County EOC, will contact and mobilize transportation resources as needed. Assignments for incoming vehicles will be relaxed from the Transportation coordinator to the staging areas.

V. OPERATIONAL PROCEDURES

A. UNUSUAL EVENT

No action necessary.

B. ALERT

No action necessary.

C. SITE EMERGENCY

- _____ 1. Initial notification will be received from the Berks County EMA.
(time)
- _____ 2. Notify transportation staging area staff, advising them of the situation and placing them on standby status.
- _____ 3. Review procedures for General Emergency.
- _____ 4. Maintain Site Emergency status until reduction, escalation or termination of the incident.

NOTES:

D. GENERAL EMERGENCY

- _____ 1. Initial notification will be received from the Berks County EMA.
(time)

- _____ 2. Notify transportation staging area staff, advising them of the situation and dispatching them to the transportation staging area.
- _____ 3. Inventory and prepare strip maps and other material delivered by the County.
- _____ 4. Assign staff to the following responsibilities:
 - a. Traffic Control
 - b. Communications
 - c. Maintenance of a count of vehicles at the staging area and available for assignment
 - d. Map distribution and vehicle
- _____ 5. Notify the County Transportation Coordinator at 376-4957 when the transportation staging area is manned and activated.
- _____ 6. Have the RACES unit set up and report in to the County upon arrival.
- _____ 7. Maintain state of readiness. If notified by the Berks County EMA that an evacuation has been ordered or recommended, prepare to receive incoming vehicles.
- _____ 8. As transportation resources arrive at the staging area:
 - a. Log type of vehicle, capacity, and source (bus company, school district, etc.).
 - b. Dispatch to assigned location, based on assignments received from the Berks County Transportation Coordinator. Maintain message logs regarding all communications. Provide maps to assigned destination.

- c. Instruct drivers of radio-equipped vehicles to report in to their regular dispatcher upon the completion of their assignment. They will then be directed to return to the staging area for re-assignment, released from duty, or referred to a decontamination station.
- d. If the vehicle is not radio-equipped, instruct drivers to return to their regular base of operations upon the completion of their missions. They will then be directed to return to the staging area for re-assignment, released from duty, or referred to a decontamination station.

- _____ 9. Report figures on vehicles processed, etc., to the Berks County Transportation Coordinator on an hourly basis, or as needed.
- 10. Maintain General Emergency status until notified by the County to terminate operations.
- 11. Following the closing of the staging area, prepare a final report to include:
 - a. Names and addresses of all staff.
 - b. Vehicle tallies and all written records.
 - c. Message logs.
- 12. Forward this information as directed by the County Transportation Coordinator.

NOTES:

STANDARD OPERATING PROCEDURE

MESSAGE CONTROL

I. Purpose

To establish procedures necessary to facilitate the flow of information and the maintenance of records throughout activation of the County Emergency Operations Center (EOC).

II. Definitions

A. Routine Messages

Requests for information requiring official response or acknowledgement during the course of the emergency, but not dealing with immediate life-threatening situations.

B. Urgent Messages

Requests for information dealing with situations that have immediate life-threatening consequences.

III. Situation

A. In the event of an accident at the Limerick Generating Station, the flow of information or requests must be rapid.

B. In the event of an accident at the Limerick Generating Station, efficient records must be kept of all requests and information made available to officials. These records must confirm the authority and liability of County officials.

IV. Responsibilities

A. The Operations Officer is responsible for:

1. Reviewing all messages produced within the EOC.
2. Designating the proper routing and priority of all messages.
3. Maintaining a log of all messages produced within the EOC.
4. Assigning a message number to every message produced within the EOC.
5. Posting significant information on appropriate maps, charts and status boards within the EOC.
6. Briefing EOC personnel on significant information when received, and for providing periodic status reviews.

- B. The Message Runners are responsible for:
 - 1. Gathering all messages produced by EOC personnel and forwarding these messages to the Operations Officer.
 - 2. Distributing copies of logged messages to Communications Center and EOC personnel indicated in the routing portion of the form.
- C. All EOC personnel are responsible for:
 - 1. Developing messages to elicit response from or to convey information to other EOC personnel.
 - 2. Responding to or acknowledging any messages received.
 - 3. Maintaining a personal EOC Station Log Form throughout the emergency.
- D. The Communications Center staff are responsible for:
 - 1. Transmitting information over available equipment as required by EOC personnel.
 - 2. Developing messages to be distributed to EOC personnel based upon information received.

V. Procedures

A. Administrative

- 1. The Operations Officer will have the following materials and supplies available at the time the EOC is activated:
 - a. Message forms in sufficient quantity to meet the needs of extended operations (300 copies).
 - b. Message Center Log forms in sufficient quantity to meet the needs of an extended operation (100 sheets).
 - c. EOC Station Log Forms in sufficient quantity to meet the needs of extended operations (200 sheets).
 - d. Message distribution trays for the message desk.
 - e. All necessary maps and boards required for the posting of emergency information.
 - f. An adequate supply of pens, pencils, grease pencils, markers and related operational supplies.

B. Operational

- 1. Upon arrival at the EOC, the Operations Officer will:

- a. Notify and request all message flow personnel to report to the EOC.
- b. Activate the message desk.
2. EOC personnel, upon receipt of a significant incoming message or upon generation of a significant outgoing or internal message, will complete the following form information:
 - a. Date and time the message is developed.
 - b. To whom the message is developed.
 - c. From whom the message is sent.
 - d. The priority of the message--urgent or routine.
 - e. The message itself.
3. The message originator will then obtain the attention of a message runner.
4. The message runner will forward the message to the Operations Officer.
5. The Operations Officer will review the content and assigned priority of the message.
 - a. If the message is confirmed as urgent, the Operations Officer will assign a designated message number, assign routing information and request immediate distribution of copies.
 - b. If the message is confirmed as routine, the Operations Officer will assign a message number and routing information and log the message on the Message Center log form. After the message has been logged, the Operations Officer will place the message in the outgoing portion of the message distribution tray and request a message runner to distribute the assigned copies.
6. The message runner will deliver copies of the message to the appropriate officer.
7. EOC personnel receiving messages will deliver copies of the message information.
 - a. If no response or action is required, the person will file the message.
 - b. If a response or action is required, the person will take the required action to complete the following message information:

- (1) Priority assignment--urgent or routine.
 - (2) Response/reply itself.
 - (3) Signature of the person responding to the original message.
- c. Upon completion of the response/reply, the message should be given to a message runner.
- d. The message runner will deliver the message to the Operations Officer.
- (1) If the response/reply is confirmed to be urgent, the Operations Officer will then request the message runner to deliver the message to the originator of the message.
 - (2) If the response/reply is confirmed to be routine, the Operations Officer will log the message.
 - (3) The Operations Officer then gives the response/reply to a message runner who delivers it to the person who developed the original message.
8. The Operations Officer will brief the EMA Director and/or the EOC personnel of any messages or responses/replies that are significant or could potentially affect future decisions or actions.
9. The Operations Officer and the EMA Director will also periodically brief EOC personnel.
10. The Operations Officer will, after briefing EOC personnel, post significant information on appropriate maps or charts. The Operations Officer will then file the message copy.
11. If the message or response/reply requires the use of radio communications, the Operations Officer will send a copy to the Communications Officer. The Communications Officer will review the message and send it to the Communications Center by messenger. The Communications Center will transmit the message, and indicate on the message form the medium used, the time the message was transmitted, and any replies. That copy will be returned to the Communications Officer who will review it and provide it to the Operations Officer for logging and filing.
12. Message forms will be a five-part snap-out on NCR paper. If additional copies are required, the Operations Officer will direct a message runner to obtain photocopies from the copy equipment operator.

13. After either developing or receiving a message or a response/
reply, EOC personnel will record the activity on their personal
EOC Station Log Form. The person developing or responding to a
message will record:
 - a. The time the message was developed or received.
 - b. To whom the message was directed.
 - c. From whom the message was received.
 - d. A brief synopsis of the message.
 - e. A brief synopsis of any required response/reply.

VI. Attachments

Attachment 1 - Message Form

Attachment 2 - Log Form

Attachment 3 - EJC Station Log Form

ATTACHMENT 1

MESSAGE FORM

Message No.

Date: _____ Time: _____ Urgent

Routine

To: Name _____ From: Name _____

Organization _____ Organization _____

Telephone _____ Telephone _____

Message: _____

Response/Reply: _____ Urgent

Routine

Signature _____

ROUTING INFORMATION

Action

Information

Action

Information

- Commissioners
- Coordinator
- Deputy Coordinator
- Operations
- Communications
- Police Services
- Fire Services
- Medical
- Radiological

-
-
-
-
-
-
-
-
-

- School Services
- Transportation
- Public Works
- Agriculture
- Industrial Liaison
- Public Information
- Mass Care
- _____
- _____

-
-
-
-
-
-
-
-
-

ATTACHMENT 3
EOC STATION LOG FORM

EOC Position _____ Date _____

PHILADELPHIA ELECTRIC COMPANY

2301 MARKET STREET

P.O. BOX 8699

PHILADELPHIA, PA. 19101

(215) 841-4000

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

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IRENE A. MCKENNA
ASSISTANT COUNSEL

DOCKETED
USNRC

'84 AGO 17 P3:39

OFFICE OF SECRETARY
DOCKETING & SERVICE
BRANCH

August 15, 1984

Ms. Maureen Mulligan
Limerick Ecology Action
762 Queen Street
Pottstown, PA 19464

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

Dear Ms. Mulligan:

In accordance with the Board's Order of June 1, 1982, I am forwarding to you copies of correspondence and documents regarding emergency planning among Applicant, NRC Staff, the Commonwealth of Pennsylvania and other responsible governmental agencies. These documents supplement the material which was forwarded by our letter dated August 10, 1984, and provide additional correspondence dated July 12, 1984 and July 30, 1984.

Very truly yours,

Edward J. Cullen, Jr.

EJC, JR./pkc
encs.
cc: See Attached Service List
0000q/0006q

DS03

cc: Judge Lawrence Brenner (w/o enclosure)
Judge Peter A. Morris (w/o enclosure)
Judge Richard F. Cole (w/o enclosure)
Troy B. Conner, Jr., Esq. (w/enclosure)
Ann P. Hodydon, Esq. (w/enclosure)
Mr. Frank R. Romano (w/o enclosure)
Mr. Robert L. Anthony (w/o enclosure)
Zori G. Ferkin, Esq. (w/enclosure)
Mr. Thomas Gerusky (w/o enclosure)
Director, Pennsylvania Emergency (w/o enclosure)
Management Agency
Charles W. Elliott, Esq. (w/o enclosure)
Angus Love, Esq. (w/o enclosure)
David Wersan, Esq. (w/o enclosure)
Robert J. Sugarman, Esq. (w/o enclosure)
Martha W. Bush, Esq. (w/o enclosure)
Spence W. Perry, Esq. (w/o enclosure)
Jay M. Gutierrez, Esq. (w/o enclosure)
Atomic Safety & Licensing (w/o enclosure)
Appeal Board
Atomic Safety & Licensing (w/o enclosure)
Board Panel
Docket & Service Section (w/enclosure - 3 copies)
James Wiggins (w/o enclosure)
Timothy R. S. Campbell (w/o enclosure)



ENERGY CONSULTANTS

RIVERSIDE OFFICE CENTER 3/ 2101 N. FRONT ST. / HARRISBURG / PA 17110 / PH.(717)236-0031
CORPORATE OFFICE: 121 SEVENTH STREET PITTSBURGH / PA 15222-3487 / PH.(412)434-5200

July 12, 1984

Mr. Bernard Wolf
Program Coordinator
The Camp Hill Special Schools, Inc.
Beaver Run, R. D. 1
Glenmoore, PA 19343

Dear Mr. Wolf:

This correspondence will serve to confirm our recent telephone conversation regarding radiological emergency preparedness training. Two types of programs have been offered to The Camp Hill Special Schools, Inc. These types include:

"Radiological Response for School Administrators." This two-hour session provides information on radiation effects and protective actions, as well as a more in-depth review of the School's emergency plan. The suggested audience includes appropriate school officials and administrative staff.

"Radiological Response for School Teachers and Staff." This two-hour session includes information on nuclear power plant technology, radiation effects planning concepts and response actions that could be required as determined by the severity of the emergency. Suggested participants would include teaching and ancillary staffs.

According to our telephone conversation, it is my understanding that neither of these radiological emergency preparedness sessions is requested at this time by The Camp Hill Special Schools, Inc. Should you decide at a later date to schedule these sessions, please notify me.

Sincerely,

Robert L. Patterson
Lead Trainer

RLP:jr



ENERGY CONSULTANTS

RIVERSIDE OFFICE CENTER 3 / 2101 N. FRONT ST. / HARRISBURG / PA 17110 / PH. (717) 236-0031
CORPORATE OFFICE: 121 SEVENTH STREET / PITTSBURGH / PA 15222-3487 / PH. (412) 434-5200

July 12, 1984

Mr. Timothy R. S. Campbell
Director
Chester County Department of
Emergency Services
14 East Biddle Street
West Chester, PA 19380

Dear Tim:

Enclosed are copies of the most recent IP/SOP draft enclosure of the changes made by your Department.

Sincerely,

Joel Grottenthaler

JG:jr
Enclosures

CHESTER COUNTY DEPARTMENT OF EMERGENCY SERVICES

IMPLEMENTING PROCEDURE

DES DIRECTOR/DES OPERATIONS GROUP

I. PURPOSE

The purpose of this procedure is to support Chester County's response to an incident at the Limerick Generating Station by providing for the overall direction and coordination of the County's response.

II. REFERENCES

- A. Chester County Limerick RERP
- B. EOC Group Implementing Procedures
- C. Chester County Communications Center Limerick SOP
- D. EOC Message Flow SOP

III. RESPONSIBILITIES

- A. The Chester County Commissioners have appointed a Director of Emergency Services to be responsible for the development and implementation of this Radiological Emergency Response Plan, as well as all emergency situations within the county. The 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 Chester 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.

B. Specific roles and responsibilities of the Director of Emergency Services include:

1. Coordinating development and updating a county radiological emergency response plan, specific to the Limerick Generating Station, consistent with Annex E to the Commonwealth of Pennsylvania Disaster Operations Plan.
2. Coordinating plan development and implementation for Chester County municipalities located within the Limerick plume exposure pathway EPZ.
3. Identifying Chester County emergency organizations, their personnel resources and functional responsibilities, and providing assistance to them in the development of procedures in support of this plan.
4. Maintaining and coordinating 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, and ensuring that the alert/notification system is operable 24 hours per day and is consistent with the four emergency action levels.
5. In cooperation with PEMA and other state agencies, ensuring the development and annual distribution 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. Managing preparation and maintenance of emergency instructions and information concerning protective actions in event of a radiological incident and maintenance of procedures for: transmitting this information to the general public through the

transmitting this information to the general public through the Emergency Broadcast System, notifying residents with special needs, and notifying transients.

7. Ensuring establishment and operation of a Chester County rumor control center and coordinating its activities with those of the State.
8. Reviewing and commenting upon the access control points, traffic control points, and major evacuation routes selected by PEMA, PennDOT and the Pennsylvania State Police.
9. Ensuring coordination and assistance of school districts, private schools, hospitals, nursing homes, special facilities, business and industry in the development of their respective Radiological Emergency Response Plans.
10. Assuring that municipalities identify and develop plans for assisting handicapped and homebound individuals in the event of an evacuation.
11. Coordinating the development of plans for evacuating/sheltering municipally operated 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 Southeastern Pennsylvania Chapter of the American Red Cross, coordinating the establishment of mass care centers for evacuees in the support areas of Chester County.
13. Overseeing establishment and maintenance of an Emergency Operations Center.
14. Establishing procedures for the dissemination of protective action recommendations received from the Pennsylvania Department

regarding livestock protection and agricultural dairy and food product control.

15. Establishing and maintaining a current listing of required personnel and equipment needs and an indication of the source with a current copy to PEMA.
16. Designating a central resource receiving point for Chester County, and development of plans for its operation during an emergency.
17. Coordinating periodic drills and a biennial exercise of the Chester County Radiological Emergency Response Plan.
18. Reviewing plans for the distribution of dosimetry, survey meters and KI to designated emergency workers.
19. Coordinating training of radiological decontamination monitoring teams for mass care centers and decontamination stations for emergency workers within Chester County.
20. In cooperation with the Pennsylvania State Police and the Pennsylvania National Guard, ensuring the provision of security to areas where the public is taking shelter or has evacuated.
21. Preparing plans for and coordinating controlled reentry into an evacuated area.
22. Ensuring maintenance of records and reports throughout each incident, and preparation post-incident reports and response critiques.
23. Support as possible offsite training programs provided by the Limerick Generating Station.
24. Ensuring participation in the annual State/risk counties/

24. Ensuring participation in the annual State/risk counties/
Limerick news conference arranged by PEMA.
25. Reviewing the Limerick Generating Station's plans for evacuation
and reception of on-site personnel for consistency with this
Radiological Emergency Response Plan.
26. Ensuring registration of evacuees at mass care centers within
Chester County.
27. Coordinating training in radiological emergency response for
county and municipal personnel who will serve as emergency
workers in a radiological emergency.

IV. OPERATIONAL PROCEDURES

A. UNUSUAL EVENT

- _____ 1. Notification will be received from the Chester County Communica-
tions Center, which will contact the DES Director, or in his
absence, the Assistant Director, or in his absence, the Deputy
Director - Communications.
- _____ 2. Notify the County Commissioners.
- _____ 3. Ensure that notification of all other necessary organizations
and individuals has been accomplished.
- _____ 4. Review procedures for ALERT.

B. ALERT

- _____ 1. Ensure completion of all appropriate actions listed under
Unusual Event.

- _____ 2. Ensure notification of municipalities in the plume exposure pathway EPZ (emergency management coordinators, municipal police departments, as well as fire and ambulance services) by the Chester County Communications Center.
- _____ 3. Ensure notification of Chester County EOC personnel and select individuals to report to the County EOC.
- _____ 4. Initiate EOC Security by Police Services Group Chief.
- _____ 5. Verify contact of designated EBS station(s) and standby status with the Public Information Group Chief.
- _____ 6. Oversee notification and verification assignments of Chester County school districts and private schools by communications center and EOC staff groups.
- _____ 7. Verify dispatch of ARES operators assigned to municipal EOC's by the Alerting and Communications Group. Verify placement of remaining ARES operators on standby.
- _____ 8. Ensure communications links are tested with PEMA Eastern Area and other risk counties by the Alerting and Communications Group.
- _____ 9. In the event the public alert system is activated, PEMA will coordinate the time selected for activating. When time has been determined; ensure the following:
 - _____ a. Announcement of designated public alert system activation time on all County communications frequencies.
 - _____ b. Recall System Activation
 - _____ c. Route alert teams mobilization.

- _____ d. Public alert system activation at pre-determined time.
- _____ e. Dispatch of route alert teams in areas of public alert system failure.
- _____ f. Initiation of appropriate EBS announcement(s).
- _____ g. Maintenance of public alert system and EBS station(s) on standby status for continuing system activation.

C. SITE EMERGENCY

- _____ 1. Complete all appropriate actions listed under Unusual Event and Alert.
- _____ 2. Mobilize all Chester County EOC officers and supporting staff.
- _____ 3. Ensure notification of municipalities to mobilize full municipal EOC staff.
- _____ 4. Ensure notification of all Chester County fire, police and emergency medical services, and mobilization of fire, police and emergency medical services serving areas within the plume exposure pathway EPZ.
- _____ 5. Verify mobilization of the Southeastern Pennsylvania Chapter of the American Red Cross staff.
- _____ 6. Verify notification of reception centers, primary mass care centers, central resource receiving points, transportation staging area, and host schools within Chester County of the possible need of their facilities.
- _____ 7. Verify mobilization of reception center staff to assigned locations.
- _____ 8. Verify mobilization of decontamination monitoring teams

- _____ 8. Verify mobilization of decontamination monitoring teams assigned to primary mass care centers and decontamination stations.
- _____ 9. Verify mobilization of route alert teams to fire stations.
- _____ 10. Verify establishment of the Media Center in Room 322 of the Hazlett building.
- _____ 11. Verify notification of transportation, roadway clearance and fuel resources of Site Emergency and mobilization of buses and drivers needed for evacuation.
- _____ 12. Verify mobilization of remaining ARES units.
- _____ 13. Verify distribution of dosimetry, survey meters and KI to emergency workers and instruct municipalities to do likewise.
- _____ 14. Verify notification of EBS station(s) of incident classification and maintain on standby status.
- _____ 15. In the event the public alert system is activated, PEMA will coordinate the time of activation and the appropriate EBS announcement. Assure that route alerting will be conducted in any area of system failure or identified inadequacies.
- _____ 16. Verify notification of risk school districts, Archdiocese of Philadelphia, private schools and the college of the Site Emergency.
- _____ 17. Verify notification of health care facilities and special facilities of the emergency classification.
- _____ 18. Verify notification of industry and utilities which operate within the plume exposure pathway EPZ of the situation.

- _____ 19. Assure preparation to activate traffic and access control points, and activate as necessary.
- _____ 20. In the event of a change of the incident classification, assure notification of all parties previously contacted and implement appropriate actions.

D. GENERAL EMERGENCY

- _____ 1. Complete all appropriate actions listed under Unusual Event, Alert and Site Emergency.
- _____ 2. Ensure notification of municipalities, hospitals, nursing homes, special facilities, schools, and major industries of the incident classification.
- _____ 3. Ensure notification of all County fire, police, and emergency medical services of the incident classification.
- _____ 4. Coordinate with PEMA in establishing the time for activating the public alerting system.
- _____ 5. Ensure announcement of the declaration of a General Emergency and designated public alert system activation time on all county communications frequencies including ARES.
- _____ 6. Verify dispatch of traffic control and access control personnel to their designated duty stations.
- _____ 7. Ensure activation of the public alerting system and initiation of EBS announcements upon notification by PEMA.
- _____ 8. Ensure immediate announcement on all county communications frequencies and ARES that the public alert system has been activated.
- _____ 9. Verify route alerting is conducted as necessary.

- _____ 10. Verify activation of reception centers and primary mass care centers.
- _____ 11. Verify activation of central resource receiving point and transportation staging areas.
- _____ 12. Await protective action guidance from PEMA. Upon receipt of a protective action recommendation, verify notification of risk municipal EOC's, fire, police, ambulance services, health care facilities, schools, major industries, and institutions to implement appropriate procedures.
- _____ a. In the event of a SHELTERING recommendation, ensure completion of all actions above and dispatch access control personnel.
- _____ b. In the event of a SELECTIVE EVACUATION recommendation, ensure completion all actions above and monitor transportation and mass care needs.
- _____ c. In the event of a GENERAL EVACUATION recommendation, ensure completion of all actions above and verify the following:
- _____ (1) Dispatch of access control and traffic control personnel.
- _____ (2) Activation of municipal transportation pick up points.
- _____ (3) Dispatch of ambulances needed for evacuation of homebound invalids.
- _____ (4) Upon completion of duties, relocation of risk emergency forces to pre-designated locations outside the plume EPZ.
- _____ 13. Verify activation of decontamination monitoring stations.

- _____ 14. Verify relay of orders for the administration of KI to emergency workers, if received from the Secretary of the PA Department of Health through emergency management channels.
- _____ 15. In the event of a change in the incident situation, assure notification of all parties previously contacted and implement appropriate actions.

E. INCIDENT TERMINATION

- _____ 1. PEMA will advise Chester County that the recommendation for people to return to their homes is forthcoming. Upon receipt of that information, the Chester County Commissioners will inform the residents of Chester County via public information announcements and/or EBS announcements.
- _____ 2. Develop, in coordination with PEMA, time phasing for incident termination.
- _____ 3. Provide guidance and assistance to municipalities and other support agencies in the orderly return of people to their homes in Chester County.
- _____ 4. Develop time frame for municipalities and support agencies to report incidents, accidents, damages or other problems which could result in liability to municipal, county or state government.
- _____ 5. Collect and collate data on damage assessment and submit to appropriate state and federal official.
- _____ 6. Undertake necessary inventories of remaining, needed or damaged resources and develop and submit required or necessary summary reports.
- _____ 7. Ensure that all records and reports are secured and maintained.

APPENDICES

Appendix 1 Chester County EOC Staff and Alternates

APPENDIX 1

ANNEX A

ROSTER OF EOC PERSONNEL*

COUNTY COMMISSIONERS

Earl Baker
Robert Thompson
Patricia Baldwin

COMMISSIONERS STAFF**

Larry Boling
Wayne Rothermel

OPERATIONS

Tim Campbell
John McNamara
Tom Kopach

STAFF SUPPORT

Gary Brown
Jane Peirson
Ted Jacobs
Bob Applegarth

POLICE

Charles Zagorski
Al Myers

MEDICAL EMS

Dr. J. Maher
Dr. D. Kuokos
Steven Webb
Mark Abbott

COMMUNICATIONS/ALERTING

M. J. Groce
Joseph LeBresco

TRANSPORTATION

George Fasic
Wayne Clapp

PUBLIC WORKS/INDUSTRIAL RELATIONS

R. Wilking
W. Betz

DAMAGE ASSESSMENT

Bob Box
H. Williams

RADIOLOGICAL DEFENSE

Walt Leuchak
Dave Jackson

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Peter Perry
Mahlon Fiscell
Wayne Stevenson

FIELD OPERATIONS

Mark Force
William H. Winters
Rick Gilbert

PUBLIC INFORMATION

Molly Morrison
Ken Stewart

HAZARDOUS MATERIALS

J. Ferrante
G. Turner

SCHOOL SERVICES

Harry Shreiner

ATTACHMENT B
MUNICIPAL EOC'S

Charlestown Township.....	Great Valley School District Administration Building	TBD
East Coventry Township.....	Ridge Fire Company	495-6063
East Nantmeal Township.....	Township Bldg., Route 401	458-5780
East Pikeland Township.....	Kimberton Fire Company	933-9961
East Vincent Township.....	Township Bldg., 55 Ridge Road	933-4424
• North Coventry Township.....	Township Bldg., 873 S. Hanover St.	323-1694
Phoenixville.....	E. Wing, Phoenixville Hosp, 140 Nutt Rd.	933-8801
Schuylkill Township.....	Township Bldg., 801 Valley Park Rd.	933-5843
South Coventry Township.....	TBD	TBD
Spring City.....	Borough Bldg., Hall & Church Sts.	948-3660
Upper Uwchlan Township.....	Township Bldg.	TBD
Uwchlan Township.....	Township Bldg., 715 N. Ship Road	363-9450
Warwick Township.....	Township Building, Warwick	286-5557
West Pikeland Township.....	Pikeland Road/Route 113	827-9218
West Vincent Township.....	Township Building, Birchrunville	827-7932

CHESTER COUNTY DEPARTMENT OF EMERGENCY SERVICES

IMPLEMENTING PROCEDURE

FIELD OPERATIONS GROUP

I. PURPOSE

The purpose of this procedure is to support Chester County's response to an incident at the Limerick Generating Station, assuring the provision of expanded telecommunications within the plume exposure pathway emergency planning zone and providing for backup telecommunications in the event of a system failure.

II. REFERENCES

- A. Annex B, Chester County Limerick RERP
- B. Annex C, Chester County Limerick RERP
- C. EOC Message Flow Standard Operating Procedure

III. RESPONSIBILITIES

- A. The Field Operations Group is responsible for providing secondary and backup field communications and operational coordination in the event a protective action is ordered in response to a condition at the Limerick Generating Station.
- B. The Field Operations group is responsible for providing telecommunications and other services as necessary to the Pennhurst State Facility.

IV. OPERATIONAL PROCEDURES

A. UNUSUAL EVENT

No action necessary.

B. ALERT

_____ The Field Operations Group will be notified and may be requested to report to the EOC.

C. SITE AND GENERAL EMERGENCY

_____ 1. The Field Operations Group will be notified to report to the Chester County DES.

_____ 2. The mobile communications unit will be prepared for service.

_____ 3. As directed, the Field Operations Group will report with the unit to the Pennhurst State Facility.

_____ 4. Test all telecommunications links.

_____ 5. Assist the Chester County Communications Center as required.

_____ 6. Provide telecommunications for the Pennhurst Facility as required.

CHESTER COUNTY DEPARTMENT OF EMERGENCY SERVICES

IMPLEMENTING PROCEDURE

MUNICIPAL LIAISON OFFICER (DAMAGE ASSESSMENT)

I. PURPOSE

The purpose of this procedure is to support Chester County's response to an incident at the Limerick Generating Station, providing for a liaison with affected municipalities and for the provision of status reports regarding municipal response and unmet needs.

II. REFERENCE

- A. Annex A, Chester County Limerick RERP
- B. Municipal Plans for Chester County Municipalities
- C. EOC Message Flow Standard Operating Procedure

III. RESPONSIBILITIES

- A. Municipal emergency management coordinators are responsible for implementing the response of the municipality to an incident at Limerick insofar as municipal resources allow.
- B. The Municipal Liaison Officer is responsible for:
 - 1. Review of, and familiarity with, municipal RERP's.
 - 2. Establishing and maintaining communications with municipal emergency management coordinators at the time of an incident.
 - 3. Development of status reports regarding the municipal response to an incident at Limerick.

4. Coordination of Chester County's response to municipal unmet needs with the DES Director and appropriate County EOC staff.

IV. OPERATIONAL PROCEDURES

A. UNUSUAL EVENT

No action necessary.

B. ALERT

- _____ 1. Report to the Chester County EOC if requested.
(time completed)
- _____ 2. Notify and brief the relief Municipal Liaison Officer and Damage Assessment Group.
- _____ 3. Verify notification and brief risk municipal emergency management coordinators, directing them to notify key staff, activate their EOC, and implement the municipal RERP as appropriate for ALERT (reference Attachment A).
- _____ 4. Review procedures for SITE EMERGENCY.
- _____ 5. Maintain ALERT status until incident escalation or reduction or termination.

NOTES:

C. SITE EMERGENCY

- _____ 1. Report to the Chester County EOC.
(time completed)

- _____ 2. Notify the relief Municipal Liaison Officer and Damage Assessment Group, placing on standby status, and prepare for extended (12-hour shift) operations (reference Attachment A).

- _____ 3. Verify notification of municipal emergency management coordinators, ensuring that they are activating their EOC's and are implementing their KERP as appropriate for SITE EMERGENCY (reference Attachment C).

- _____ 4. Respond to municipal unmet needs as reported by municipal EMA staff. (NOTE: Municipal EOC staff may contact their County EOC counterparts directly via telephone. Coordinate with other EOC Officers in order to assess their response to municipal unmet needs.)

- _____ 5. Prepare status reports, on an hourly basis or as requested, detailing municipal response information, unmet needs, and steps being taken to respond to unmet needs. Forward such reports to the DES Director.

- _____ 6. Review procedures for GENERAL EMERGENCY.

- _____ 7. Maintain SITE EMERGENCY status until incident escalation or reduction or termination.

NOTES:

D. GENERAL EMERGENCY

- _____ 1. Report to the Chester County EOC
(time
completed)
- _____ 2. Notify the relief Municipal Liaison
ment Group, placing on standby
(12-hour shift) operations (refer
- _____ 3. Notify risk municipal emergency
GENERAL EMERGENCY.
- _____ 4. Update records of municipal unmet
response with appropriate County
- _____ 5. Update status reports regarding
- _____ 6. If a protective action (Evacuation
recommended, convey that information
management coordinators, direct
appropriate procedures in their
- _____ 7. Monitor the progress of the municipal
protective actions, coordinating
preparing appropriate status reports
- _____ 8. In the event of a general evacuation
alternate municipal EOC's with
management coordinators.
- _____ 9. Maintain GENERAL EMERGENCY status
termination.

NOTES:

ATTACHMENTS

Attachment A: Risk Municipal Emergency Management Coordinators

Attachment B: Municipal EOC's

Attachment C: Municipal Relocation EOC's

Attachment D: EOC Staff

ATTACHMENT A

MUNICIPAL LIAISON OFFICER (DAMAGE ASSESSMENT)
RISK MUNICIPAL EMERGENCY MANAGEMENT COORDINATORS

	<u>Municipality Name</u>	<u>Coordinator & Address</u>
1.	East Pikeland Twp.:	George L. Hughes
2.	Phoenixville Borough:	Donald P. Sees
3.	Spring City Borough:	Joseph Ferrara
4.	Charlestown Twp.:	Robert Wert
5.	East Nantmeal Twp.:	John Perry
6.	East Vincent Twp.:	Raymond Gunther
7.	East Coventry Twp.:	Theresa Foose
8.	North Coventry Twp.:	Melvin L. Guest, Jr.
9.	South Coventry Twp.:	John McIntyre
10.	Upper Uwchlan:	Robert Fetters
11.	Uwchlan:	Fred Minahan
12.	Warwick Twp.:	Frederick T. Hurlock
13.	West Pikeland Twp.	Robert W. Rometsch
14.	West Vincent Twp.:	David J. Monteith
15.	Schuylkill Twp.:	Norman Vutz

Note: Telephone numbers and addresses are on file in the County EOC.

ATTACHMENT B
MUNICIPAL EOC'S

Charlestown Township.....	Grange Building	TBD
East Coventry Township.....	Ridge Fire Company	495-6063
East Nantmeal Township.....	Township Bldg., Route 401	458-5780
East Pikeland Township.....	Kimberton Fire Company	933-9961
East Vincent Township.....	Township Bldg., 55 Ridge Road	933-4424
North Coventry Township.....	Township Bldg., 873 S. Hanover St.	323-1694
Phoenixville.....	E. Wing, Phoenixville Hosp, 140 Nutt Rd.	933-8801
Schuylkill Township.....	Township Bldg., 801 Valley Park Rd.	933-5843
South Coventry Township.....	TBD	TBD
Spring City.....	Borough Bldg., Hall & Church Sts.	948-3660
Upper Uwchlan Township.....	Township Bldg.	TBD
Uwchlan Township.....	Township Bldg., 715 N. Ship Road	363-9450
Warwick Township.....	Township Building, Warwick	286-5557
West Pikeland Township.....	Pikeland Road/Route 113	827-9218
West Vincent Township.....	Township Building, Birchrunville.	827-7932

ATTACHMENT C
MUNICIPAL LIAISON OFFICER
MUNICIPAL RELOCATION EOC's

Charlestown Township.....	N/A
East Coventry Township.....	West Nantmeal Township
East Nantmeal Township.....	West Nantmeal Township
East Pikeland Township.....	Chester County Library
East Vincent Township.....	Chester County Library
North Coventry Township.....	(Berks County)
Phoenixville Borough.....	Chester County Library
Schuylkill Township.....	N/A
South Coventry Township.....	Chester County Library
Spring City.....	Chester County Library
Upper Uwchlan Township.....	Uwchlan Township Building
Uwchlan Township.....	N/A
Warwick Township.....	West Nantmeal Township Building
West Pikeland.....	Uwchlan Township Building
West Vincent.....	Chester County Library

ATTACHMENT D

CHESTER COUNTY EOC STAFF

COUNTY COMMISSIONERS

Earl Baker
Robert Thompson
Patricia Baldwin

COMMISSIONERS STAFF**

Larry Boling
Wayne Rothermel

OPERATIONS

Tim Campbell
John McNamara

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Harry Shreiner

CHESTER COUNTY DEPARTMENT OF EMERGENCY SERVICES

IMPLEMENTING PROCEDURES

COMMUNICATIONS GROUP

I. PURPOSE

The purpose of these procedures is to support Chester County's response to an incident at the Limerick Generating Station, and to provide for the overall direction and coordination of the County's response.

II. REFERENCES

- A. Annex B, Communications, Chester County Limerick RERP
- B. Annex C, Alert/Notification, Chester County Limerick RERP
- C. Limerick Standard Operation Procedure, Chester County Communications Center
- D. EOC Message Flow Standard Operating Procedure

III. RESPONSIBILITIES

- A. The Chester County Communications Group is responsible for the following:
 - 1. Receipt and dissemination of alert/notification information.
 - 2. Maintenance of communications with:
 - a. Chester County EOC Groups
 - b. PEMA State EOC
 - c. PEMA Eastern Area Headquarters

- d. Chester County Municipal EOC's and Officials
- e. Risk, support and other contiguous counties
- f. County agencies and field units
- g. Chester County police, fire and emergency medical services units and personnel
- h. ARES units/4WD units

IV. OPERATIONAL PROCEDURES

A. UNUSUAL EVENT

Time
Completed

- _____ 1. Notification will be received from the Limerick Generating Station and officially logged in the Communications Center. Verify that message is appropriately logged.
- _____ 2. Dispatch backup emergency fire or medical services if requested by the parent county.
- _____ 3. Confirm that the Chester County DES Director, and DES duty officer have been notified.
- _____ 4. Confirm that selected EOC personnel have been notified as directed by DES Director.
- _____ 5. Review procedures for ALERT.

B. ALERT

Time
Completed

- _____ 1. Coordinate and confirm implementation of the notification procedures of the Chester County Communications Center.
- _____ 2. Initiate activation of EOC communications systems as appropriate
- _____ 3. Provide summaries of notifications to EOC groups mobilized upon their arrival at EOC.
- _____ 4. Verify notification of ARES and assure assignment to municipal EOC's.
- _____ 5. Ensure that adequate dispatchers are placed on call.

C. SITE EMERGENCY

Time
Completed

- _____ 1. Coordinate and confirm implementation of the notification procedures of the Chester County Communications Center.
- _____ 2. Assure that adequate on-call dispatchers have been mobilized.
- _____ 3. Activate and test EOC communications systems.
- _____ 4. Provide notification summaries to EOC groups upon arrival.
- _____ 5. Assure assignment and mobilization of ARES/4WD personnel to locations listed in Appendix 4.
- _____ 6. Review procedures for General Emergency.

NOTES:

D. GENERAL EMERGENCY

Time
Completed

- _____ 1. Complete appropriate actions listed for SITE EMERGENCY.
- _____ 2. Assure communications between the EOC and Communications Center and all other communications functions.
- _____ 3. Undertake actions as directed by DES Director.

NOTES:

E. INCIDENT TERMINATION

- _____ 1. Upon direction of the DES Director, disseminate reentry order.
- _____ 2. Maintain all other communications support necessary.
- _____ 3. Restore normal communications facilities and functions.
- _____ 4. Consolidate and secure communications logs.

APPENDICES

Appendix 1 Roster of EOC Personnel

Appendix 2 ARES Assignments

APPENDIX 1

COMMUNICATIONS GROUP

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Ken Stewart

HAZARDOUS MATERIALS

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G. Turner

SCHOOL SERVICES

Harry Shreiner

APPENDIX 2
COMMUNICATIONS GROUP
ARES ASSIGNMENTS

I. Assignments

A. At the Alert classification, ARES communications will be established with:

1. Charlestown Township EOC
2. East Coventry Township EOC
3. East Nantmeal Township EOC
4. East Pikeland Township EOC
5. East Vincent Township EOC
6. North Coventry Township EOC
7. Phoenixville Borough EOC
8. Schuylkill Township EOC
9. South Coventry Township EOC
10. Spring City Borough EOC
11. Upper Uwchlan Township EOC
12. Uwchlan Township EOC
13. Warwick Township EOC
14. West Pikeland Township EOC
15. West Vincent Township EOC

B. At the Site and General Emergency classifications, ARES communications will be established with:

1. All of the above locations
2. Stetson Middle School Reception Center
3. Exton Mall Reception Center
4. Morgan Corporation Reception Center
5. Downingtown High School Reception Center
6. All activated mass care centers
7. Transportation Staging Area
8. Chester County Airport Central Resource Receiving Point
9. Downingtown Area School District
10. Great Valley School District
11. Owen J. Roberts School District
12. Phoenixville Area School District

CHESTER COUNTY DEPARTMENT OF EMERGENCY SERVICES

IMPLEMENTING PROCEDURE

PUBLIC INFORMATION OFFICER

I. PURPOSE

The purpose of this procedure is to support Chester County's response to an incident at the Limerick Generating Station, ensuring that persons living, working or traveling in the Chester County section of the plume exposure pathway emergency planning zone are promptly advised of any protective action recommendations or other situation requiring their response.

II. REFERENCES

- A. Annex D, Chester County Limerick RERP
- B. EOC Message Flow Standard Operating Procedure

III. RESPONSIBILITIES

- A. The Chester County Commissioners are responsible for the release of prepared instructions to the public in the event of an incident at Limerick. Such releases should be coordinated with the PEMA Public Information Officer.
- B. The Chester County DES Public Information Officer is responsible for activating the Media Center and for briefing news media as appropriate. All press releases will deal only with Chester County's response to the incident and will not address the specific situation at the Limerick Generating Station.
- C. The chairman of the Chester County Commissioners will serve as the County's spokesperson. He will be briefed by the Public Information Officer.

- D. The Chester County DES Public Information Officer is responsible for ensuring the adequate staffing and operation of the Rumor Control telephone, and will prepare written statements for Rumor Control staff.

IV. OPERATIONAL PROCEDURES

A. UNUSUAL EVENT

No action necessary.

B. ALERT

- _____ 1. Report to the EOC if requested by the DES Director.
(time completed)
- _____ 2. Notify the Alternate County Public Information Officer to stand by
(reference Appendix 1).
- _____ 3. Contact EBS radio station, advise them of the ALERT, and place on standby status.
- _____ 4. Review all prepared EBS announcements (reference Appendix 2).
- _____ 5. If the Public Alert System is to be activated at this stage, coordinate informational message(s) with the DES Director and relay same to the EBS station along with the designated system activation time.
- _____ 6. Review procedures for SITE EMERGENCY.
- _____ 7. Maintain ALERT status until incident escalation or reduction or termination.

NOTES:

C. SITE EMERGENCY

- _____ 1. Report to the EOC.
(time
completed)
- _____ 2. Notify the Alternate County Public Information Officer, place on standby status, and prepare for extended (12-hour shift) operations.
- _____ 3. Contact EBS Station, advise them of the SITE EMERGENCY and place or maintain on standby status.
- _____ 4. Activate the Rumor Control Center telephone, developing standard information releases and coordinating staffing with the DES Director.
- _____ 5. Establish the Media Center in Room 322 of the Hazlett Building, preparing and releasing periodic public information statements and briefing the media as deemed necessary. All press releases and briefings should be approved by the County Commissioners and coordinated with the PEMA Public Information Officer.
- _____ 7. Ensure that security personnel direct all media representatives to the Media Center.
- _____ 8. If the public alert system is to be activated at this stage, coordinate appropriate public information or EBS messages with the DES Director and relay same to the EBS station along with the designated system activation time.
- _____ 9. Review procedures for GENERAL EMERGENCY.
- _____ 10. Maintain SITE EMERGENCY status until incident escalation or reduction or termination.

NOTES:

D. GENERAL EMERGENCY

- _____ 1. Report to the EOC.
(time
completed)
- _____ 2. Notify the Alternate County Public Information Officer of the
GENERAL EMERGENCY, place on standby status, and implement
extended (12-hour shift) operations.
- _____ 3. Notify EBS station of the GENERAL EMERGENCY, review all prepared
EBS messages with station personnel, and maintain on standby
status.
- _____ 4. Ensure the continued operation of the Rumor Control telephone,
preparing standard information releases for use by rumor control
staff.
- _____ 5. Ensure the continued operation of the Media Center, preparing
press releases and holding briefings as appropriate.
- _____ 6. When the designated public alert system activation time is
known, coordinate EBS messages appropriate to the recommended
protective action and relay same to the EBS station with the
designated activation time.
- _____ 7. If EBS is activated, monitor for timeliness and accuracy.
- _____ 8. Maintain GENERAL EMERGENCY status until incident reduction or
termination.

NOTES:

E. INCIDENT TERMINATION

- _____ 1. Disseminate necessary information on phasing and other news regarding reentry if Evacuation has occurred.
- _____ 2. Disseminate necessary information concerning resumption of day to day activity.
- _____ 3. Consolidate and secure all records and reports.

ATTACHMENTS

- Attachment 1. Public Information Officer and Staff
- Attachment 2. Prepared EBS Messages
- Attachment 3. Transient Locations
- Attachment 4. Rumor Control Procedure

ATTACHMENT 1

PUBLIC INFORMATION OFFICER

PUBLIC INFORMATION OFFICER AND STAFF*

PUBLIC INFORMATION

Molly Morrison
Ken Stewart

ATTACHMENT 2

PUBLIC INFORMATION OFFICER

TAKE SHELTER EBS ANNOUNCEMENT

The following message has been released by the Chester County Department of Emergency Services.

An emergency exists at the Limerick Generating Station. Persons in the approximate ten mile area around the facility are requested to take shelter.

There is no need for residents to leave the area at the present time.

In Chester County, the area affected is north of the Pennsylvania Turnpike (Interstate 76) and east of PA Route 345.

Persons in this area should take shelter. Persons traveling should proceed to their destination. 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.

Persons who have taken shelter should observe the following procedures:

1. Close all doors and windows.
2. Turn down air conditioners and close external air vents to minimize intake of outside air. Turn off fans drawing outside air.
3. If applicable, lower the thermostat setting of forced air heaters to minimize the intake of outside air.
4. Keep pets inside, and to the extent possible, bring farm animals under covered facilities.
5. Locate your Chester 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 schools your children are attending. They are in a protected environment and will be bused home at the regular time unless you are otherwise informed by this station.

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 Chester County Department of Emergency Services. It calls for all persons within an approximate ten-mile area around 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 will be repeated every five minutes until the station is informed by the County Department of Emergency Services to end transmission.)

ATTACHMENT 2

PUBLIC INFORMATION OFFICER

SELECTIVE EVACUATION EBS ANNOUNCEMENT

The following message has been released by the Chester County Department of Emergency Services.

An emergency presently exists at the Limerick Generating Station and the Governor recommends selective evacuation of pregnant women and pre-school children within an approximate ten-mile area around the facility.

In Chester County, pregnant women and pre-school children living in the area north of the Pennsylvania turnpike (Interstate 76) and east of Route 345.

Pregnant women and pre-school children needing shelter will be received at Gordon Jr. High School located at 351 Kersey St. Coatesville. Persons needing transportation to this site should call the municipal transportation number listed in their Limerick emergency brochure or their local police or fire department.

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 at least this length of time.

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

The preceding has been a message from the Chester County Department of Emergency Services regarding the Governor's recommendation for the selective evacuation of pregnant women and pre-school children living within an approximate ten-mile area or 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 Department of Emergency Services to end transmission.)

ATTACHMENT 2

PUBLIC INFORMATION OFFICER

GENERAL EVACUATION EBS ANNOUNCEMENT

The following message has been released by the Chester County Department of Emergency Services.

A General Emergency presently exists at the Limerick Generating Station and the Governor recommends the evacuation of all persons within an approximate ten mile radius of the facility.

In Chester County this evacuation advisory affects persons in the areas north of the Pennsylvania Turnpike (Interstate 76) and east of Route 345.

If you live in this area, please locate the Chester County Emergency Information Brochure for Limerick distributed to all households and read the instructions for evacuation.

Main evacuation routes are provided with traffic control. Please follow the main evacuation routes for your community. If you will need a place to stay, report to a reception center. These are the main evacuation routes:

Route 724 West.

Route 23 West

Route 100 South to Route 113 South.

Route 113 South to Gordon Drive to Route 100 South.

Route 23 East to Route 202 South.

Route 29 South to Route 202 South.

(Repeat this one time and continue message.)

If you have housebound persons or invalids in your home and require assistance in moving them, call your local police or fire department emergency number.

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. If you cannot obtain transportation for these persons, call your local police or fire department emergency number.

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 will be provided with food, bed and sanitary facilities at mass care centers. Pets may accompany their owners, but will not be allowed inside the mass care centers. The care and feeding of pets are the responsibility of the owner.

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

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 Chester County Department of Emergency Services regarding a recommendation by the Governor for the evacuation of all persons living within an approximate 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 Department of Emergency Services.)

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

ATTACHMENT 2

PUBLIC INFORMATION OFFICER

SCHOOL EVACUATION EBS ANNOUNCEMENT

Emergency Services. It supplements instructions given to the public relative to the general evacuation announcement for the approximate ten-mile area around the Limerick Generating Station.

"Parents with children attending school within a ten-mile area of the Limerick Generating Station are advised that their children will be evacuated to a safe location where they can be reunited with their parents or guardians. Children will be bused to safe locations at host schools outside the risk area. Parents are asked to meet their children there. I repeat, children will be bused directly to safe locations at 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 them up at the schools they attend might interfere with their safe evacuation.

Children attending Chester County schools within the 10-mile area around the Limerick Generating Station will be bused to locations where they can be picked up.

Please refer to the information provided by your child's school that highlights these host schools and pick up procedures.

Parents are urged not to telephone or to go to the school that their children are attending inside the ten-mile radius of the plant. 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 inside the approximate ten-mile area, but to meet their children at assigned host schools.

If your child attends a school outside the ten-mile radius, you may pick up your child at that school.

These host schools will remain open until 8 p.m. After 8 p.m., your child will be bused to Downingtown Jr./Sr. High School to await pickup.

The preceding has been an announcement by the Chester County Department of Emergency Services giving parents instructions on where to meet their children who are attending school in the approximate ten-mile area around the Limerick Generating Station."

(Repeat this message one time then end transmission.)

(This message will be broadcast along with the General Evacuation announcement when instructions are given by the Department of Emergency Services to do so.)

ATTACHMENT 2

PUBLIC INFORMATION OFFICER

PREPARED EBS MESSAGES

TAKE SHELTER ANNOUNCEMENT

The following message has been released by the Chester County Department of Emergency Services.

An emergency exists at the Limerick Generating Station. Persons in the approximate ten mile area around the facility are requested to take shelter.

There is no need for residents to leave the area at the present time.

In Chester County, people in the following areas are affected by this request:

All of East Coventry Township

All of East Pikeland Township

All of East Vincent Township

All of North Coventry Township

All of Phoenixville Borough

All of South Coventry Township

All of Spring City Borough

All of West Vincent Township

Charlestown Township - Area North of Turnpike

East Nantmeal Township- Area North of the Turnpike and East of Rt. 345 and
Marsh Road.

Schuylkill Township - Except Valley Forge National Historical Park

Upper Uwchlan Township - North of the Turnpike

Uwchlan Township - North of the Turnpike

Warwick Township - East of Rt. 345

West Pikeland Township - North of the Turnpike

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

Persons in this area should take shelter. Persons traveling to home or work should proceed to their destination in an orderly fashion. 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.

Persons who have taken shelter should observe the following procedures:

1. Close all doors and windows.
2. Turn down air conditioners and close external air vents to minimize intake of outside air. Turn off fans drawing outside air.
3. If applicable, lower the thermostat setting of forced air heaters to minimize the intake of outside air.
4. Keep pets inside, and to the extent possible, bring farm animals under covered facilities.
5. Locate your Chester 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 schools your children are attending. They are in a protected environment and will be bused home at the regular time unless you are otherwise informed by this station.
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 Chester County Department of Emergency Services. It calls for all persons within an approximate ten-mile area around 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 Department of Emergency Services to end transmission.)

SELECTIVE EVACUATION EBS ANNOUNCEMENT

The following message has been released by the Chester County Department of Emergency Services.

An emergency presently exists at the Limerick Generating Station and the Governor recommends selective evacuation of pregnant women and pre-school children within an approximate ten-mile area around the facility.

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

All of East Coventry Township
All of East Pikeland Township
All of East Vincent Township
All of North Coventry Township
All of Phoenixville Borough
All of South Coventry Township
All of Spring City Borough
All of West Vincent Township
Charlestown Township - Area North of Turnpike
East Nantmeal Township- Area North of the Turnpike and East of Rt. 345 and
Marsh Road.
Schuylkill Township - Except Valley Forge National Historical Park
Upper Uwchlan Township - North of the Turnpike
Uwchlan Township - North of the Turnpike
Warwick Township - East of Rt. 345
West Pikeland Township - North of the Turnpike

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

Pregnant women and pre-school children needing shelter will be received at Gordon Jr. High School located at 351 Kersey St. Coatesville. Persons needing transportation to this site should call the municipal transportation number listed in their Limerick emergency brochure or their local police or fire department.

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

The preceding has been a message from the Chester County Department of Emergency Services regarding the Governor's recommendation for the selective evacuation of pregnant women and pre-school children living within an approximate ten-mile area or 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 Department of Emergency Services to end transmission.)

GENERAL EVACUATION EBS ANNOUNCEMENT

The following message has been released by the Chester County Department of Emergency Services.

A General Emergency presently exists at the Limerick Generating Station and the Governor recommends the evacuation of all persons within an approximate ten mile radius of the facility.

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

All of East Coventry Township
All of East Pikeland Township
All of East Vincent Township
All of North Coventry Township
All of Phoenixville Borough
All of South Coventry Township
All of Spring City Borough
All of West Vincent Township
Charlestown Township - North of Turnpike
East Nantmeal Township- North of the Turnpike and East of Rt. 345 and
Marsh Road.
Schuylkill Township - Except for Valley Forge National Historical Park
Upper Uwchlan Township - North of the Turnpike
Uwchlan Township - North of the Turnpike
Warwick Township - East of Rt. 345
West Pikeland Township - North of the Turnpike

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

If you live in this area, you are requested to locate the Chester County 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. Please follow the main evacuation routes for your community. If you will need a place to stay, report to the designated reception center. Please follow these main evacuation routes for your community:

Upper portion of North Coventry Township. Route 724 West. Reception Center is Cumru Elementary School in Shillington.

Lower portion of North Coventry Township, Warwick Township east of Route 345, all of South Coventry Township, all of East Coventry Township. Route 23 West. Reception Center is the Morgan Corporation in Morgantown.

Western portion of East Nantmeal Township. Route 401 North to Route 23 West. Reception Center is the Morgan Corporation in Morgantown.

Eastern portion of East Nantmeal Township, West Vincent Township and Uwchlan and Upper Uwchlan Township north of the Turnpike. Route 100 South to Route 113 South to Route 30 Bypass West to Route 322 West. Reception Center is Downingtown High School.

Spring City Borough, East Vincent, East Pikeland and West Pikeland Townships. Route 113 South to Gordon Drive to Route 100 South. Reception Center is the Exton Mall.

Phoenixville Borough and eastern Schuylkill Township. Route 23 East to Route 202 South. Reception Center is the Stetson Middle School on Route 202.

Charlestown Township north of the turnpike and western Schuylkill Township. Route 29 South to Route 202 South. Reception Center is West Goshen Shopping Center.

(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 local police or fire department.

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. If you cannot obtain transportation for these persons, contact your local police or fire department.

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 will be provided with food, bed and sanitary facilities at mass care centers. Pets may accompany their owners, but will not be allowed inside the mass care centers. The care and feeding of pets are the responsibility of the owner.

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

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 Chester County Department of Emergency Services regarding a recommendation by the Governor for the evacuation of all persons living within an approximate 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 Department of Emergency Services.)

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

SCHOOL EVACUATION EBS ANNOUNCEMENT

The following message has been released by the Chester County Department of Emergency Services. It supplements instructions given to the public relative to the general evacuation announcement for the approximate ten-mile area around the Limerick Generating Station.

"Parents with children attending school within an approximate ten-mile area around of the Limerick Generating Station are advised that their children will be evacuated to a safe location where they can be reunited with their parents or guardians. Children will be bused to safe locations at host schools outside the risk area. Parents are asked to meet their children there. I repeat, children will be bused directly to safe locations at 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 them up at the schools they attend might interfere with their safe evacuation.

Children attending Chester County schools within the approximate 10-mile area around the Limerick Generating Station will be bused to locations where they can be picked up:

Please refer to the information provided by your child's school that highlights these host schools and pick up procedures.

Parents are urged not to telephone or to go to the school that their children are attending inside the ten-mile radius around the plant. 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 inside the approximate ten-mile area or radius, but to meet their children at assigned host schools.

If your child attends a school outside the ten-mile radius, you may pick-up your child at his own school.

These host schools will remain open until 8 p.m. After 8 p.m., your child will be bused to Downingtown Jr./Sr. High School to await pickup.

The preceding has been an announcement by the Chester County Department of Emergency Services giving parents instructions on where to meet their children who are attending school in the approximate ten-mile area 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 Department of Emergency Services to do so.)

REENTRY AND RECOVERY EBS ANNOUNCEMENT

(This message intended for broadcast by support and risk county news media.)

The following message has been released by the Chester County Department of Emergency Services and affects all Chester 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 staffed by emergency personnel.

It is requested that each family cooperate with the municipalities which 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 Chester County Department of Emergency Services 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 Department of Emergency Services to end transmission.)

EBS STATION ANNOUNCEMENT*

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

If you are not a Chester 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 Berks County: Station WHUM - 1240 AM

For Montgomery County: Station KYW - 1060 AM

Other counties are not affected."

* EBS stations read this message between EBS announcements.

ATTACHMENT 3

PUBLIC INFORMATION OFFICER

TRANSIENT LOCATIONS

Marsh Creek State Park	458-8390	Upper Uwchlan
Phoenix-Kimberton Mall	935-2390	East Pikeland
Camp Council	933-8181	East Pikeland
Coventry Mall	327-0700	North Coventry
Warwick County Park	469-9461	Warwick/South Coventry
St. Peter's Village	469-9074	Warwick
Camp Sankanac	469-6320	East Vincent
Camp Innabah	469-6111	East Vincent
Swiss Pines Park	933-6916	Charlestown
YMCA Baker Park	933-5865	Schuylkill
Warwick Woods Campgrounds	286-9655	Warwick
Freedom's Foundation	933-8825	Schuylkill
Fernbrook Center	489-2056 326-1644	North Coventry

ATTACHMENT 4

PUBLIC INFORMATION OFFICER

RUMOR CONTROL PROCEDURE

1. Assemble available standard information releases produced by the Public Information Officer.
2. Answer telephone "Chester County Department of Emergency Services, may I help you?"
3. Record caller's inquiry, name, telephone number and date and time on the Rumor Control Log.
4. If the inquiry deals with a subject covered by a standard release, read the release to the caller.
5. If the inquiry deals with a subject not covered by a standard release, advise the caller the matter will be checked and refer the inquiry to the PIO for disposition.

CHESTER COUNTY DEPARTMENT OF EMERGENCY SERVICES

IMPLEMENTING PROCEDURE

FIRE/RESCUE GROUP CHIEF

I. PURPOSE

The purpose of this procedure is to support Chester County's response to an incident at the Limerick Generating Station, assuring continued fire protection of the plume exposure pathway emergency planning zone and providing for supplemental emergency alerting of the general public.

II. REFERENCES

- A. Annex E, Chester County Limerick RERP
- B. Annex C, Appendix 4, Chester County Limerick RERP
- C. EOC Message Flow Standard Operating Procedure

III. RESPONSIBILITIES

- A. The responsibility for continued fire protection of their respective coverage areas rests with the individual fire companies.
- B. The responsibility for supplemental notification of their respective coverage areas via route alerting rests with the individual fire and rescue companies in support of municipal RERP's.
- C. Municipal Fire Services Officers are responsible for ensuring the continued provision of fire services to their municipality.
- D. The Chester County Fire/Rescue Group Chief is responsible for:
 - 1. Coordinating fire services among EPZ municipalities.

2. Responding to unmet municipal fire service needs.
3. Coordinating the notification and dispatch of affected fire companies.
4. Coordinating with the DES Director regarding the determination of areas to be route alerted (in the event of public alert system failure).

IV. OPERATIONAL PROCEDURES

A. UNUSUAL EVENT

No action necessary.

B. ALERT

- _____ 1. Report to the EOC if requested by DES Director.
(time
completed)
- _____ 2. Notify relief Fire/Rescue Group Chief to stand by (reference Appendix 1).
- _____ 3. Notify all risk and support fire and rescue companies of the ALERT, requesting them to review their own plans and procedures (reference Appendix).
4. In the event the Public Alert System is to be activated:
 - _____ a. Mobilize risk and support fire companies in quarters, ensuring that adequate equipment and personnel are on hand to conduct route alerting.
 - _____ b. Verify risk and support fire and rescue companies have been notified of the designated public alert system activation time.

C. SITE EMERGENCY

- _____ 1. Report to the EOC.
(time completed)
- _____ 2. Notify the relief Fire/Rescue Group Chief to stand by and prepare for extended (12-hour shift) operations (reference Appendix).
- _____ 3. Verify notification of risk and support fire and rescue services of the SITE EMERGENCY and place or maintain on standby status (reference Appendix).
- _____ 4. Ensure that risk and support fire and rescue companies receive dosimeters and KI from their municipal EMA. (CAUTION: Emphasize that fire company personnel should not take KI unless recommended by the Pennsylvania Secretary of Health).
5. In the event the Public Alert System is to be activated:

 - _____ a. Mobilize risk and support fire/rescue companies in quarters, ensuring that adequate equipment and personnel are on hand to conduct route alerting.
 - _____ b. Notify risk and support fire/rescue companies of the designated public alert system activation time.
 - _____ c. Ensure the dispatch of appropriate route alert teams in the event of public alert system malfunction (coordinate with the Communications Group Chief and the DES Director) (reference Appendix).
 - _____ d. Note time of completion of route alerting as teams or municipalities report in.

- _____ e. Maintain risk and support fire companies on standby status.
- _____ 6. Respond to any unmet municipal fire service needs.
- _____ 7. Review procedures for GENERAL EMERGENCY.
- _____ 8. Maintain SITE EMERGENCY status until incident escalation or reduction or termination.

NOTES:

D. GENERAL EMERGENCY

- _____ 1. Report to the EOC.
(time completed)
- _____ 2. Notify the relief Fire/Rescue Group Chief to stand by and implement extended (12-hour shift) operations (reference Appendix 1).
- _____ 3. Verify notification of risk and support fire and rescue companies of the GENERAL EMERGENCY and mobilize route alert teams in quarters (reference Appendix).
- _____ 4. When the time for activation of the public alert system is known, notify risk and support fire and rescue companies and ensure that adequate equipment and personnel are on hand to conduct route alerting (coordinate with DES Director).
- _____ 5. Ensure the dispatch of appropriate route alert teams in the event of public alert system malfunction (coordinate with DES Director and Communications Group Chief) (reference Appendix).
- _____ 6. Note time of completion of route alerting as route alert teams or municipalities report in.
7. If a General Evacuation has been ordered or recommended:
 - _____ a. Upon the completion of route alerting, ensure the dispatch of route alert teams to an emergency worker monitoring/decontamination station (reference Appendix) and from there to pre-designated relocation stations (reference Appendix) or return to quarters (support companies only).
 - _____ b. Ensure the dispatch of all risk fire and rescue company equipment and on-duty personnel to pre-designated relocation stations (reference Appendix).

- _____ c. Notify the pre-designated relocation station (reference Appendix) that relocating fire and rescue companies are enroute.
- _____ 8. If Sheltering has been ordered or recommended, upon the completion of route alerting, ensure the dispatch of route alert teams to an emergency worker monitoring/decontamination station (reference Appendix) and from there to return to quarters (support fire companies) or to preassigned relocation stations (risk fire companies) (reference Appendix).
- _____ 9. If no protective action is ordered or recommended, ensure that route alert teams return to quarters and that all risk and support fire/rescue companies maintain standby status.
- _____ 10. Relay orders or recommendations regarding respiratory protection, protective clothing, and dosimetry and KI as received from the Radiological Decontamination Group Chief.
- _____ 11. In the event of a General Evacuation, risk and support fire/rescue companies will continue to provide fire protection to the evacuated area insofar as radiation levels allow (coordinate with the Radiological Decontamination Group Chief).
- _____ 12. Respond to any unmet municipal fire service needs.
- _____ 13. Maintain GENERAL EMERGENCY status until incident reduction or termination.

NOTES:

E. INCIDENT TERMINATION

- _____ 1. If ordered, direct affected fire and rescue personnel to return to their respective stations and secure.
- _____ 2. Continue fire and rescue operations and fire police operations.
- _____ 3. Inventory, inspect and coordinate return of borrowed equipment to original owner.
- _____ 4. Consolidate and secure all records and reports.

APPENDICES

- Appendix 1. Risk and Support Fire Companies
- Appendix 2. Route Alert Zones
- Appendix 3. Emergency Worker Monitoring/Decontamination Stations
- Appendix 4. Relocation Stations for Risk Fire Companies

APPENDIX 1

FIRE/RESCUE GROUP CHIEF

RISK AND SUPPORT FIRE AND RESCUE COMPANIES

Station 2

Berwyn Fire Company
Berwyn

Station 3

Paoli Fire Company
Paoli

Station 4

Malvern Fire Company
Malvern

Station 5

EAST WHITELAND FIRE COMPANY
Frazer

Station 6

Exton Fire Company
Exton

Station 8*

Friendship Fire Company No. 1
Geigertown

Station 9*

Friendship Fire Company
Morgantown

Station 21

Union Fire Company No. 1
Oxford

Station 22

West Grove Fire Company
West Grove

Station 23

Avondale Fire Company
Avondale

Station 24

Kennett Fire Company No. 1
Kennett Square

Station 25

Longwood Fire Company
Kennett Square

Station 26

Atglen Fire Company No. 1
Atglen

Station 27

Cochranville Fire Company
Cochranville

Station 28

Parkesbury Fire Company
Parkesburg

Station 29

Pomeroy Fire Company
Pomeroy

Station 31

Sadsburyville Fire Company
Sadsburyville

Station 32

ELVERSON FIRE COMPANY
Elverson

*Located outside Chester County, but dispatched by County Communications Center.

(EPZ Fire/Rescue Companies are capitalized.)

Station 33

Honeybrook Fire Company
Honeybrook

Station 34

Martins Corner Fire Company
Coatesville

Station 35

Wagontown Fire Company
Wagontown

Station 36

Po-Mar-Lin Fire Company
Unionville

Station 37

Modena Fire Company
Modena

Station 38

Thorndale Fire Company
Thorndale

Station 39

West Bradford Fire Company
West Chester

Station 41

Washington Hose Fire Company No. 1
Coatesville

Station 42

Brandywine Fire Company No. 2
Coatesville

Station 43

West End Fire Company No. 3
Coatesville

Station 44

Westwood Fire Company
Coatesville

Station 45

Alert Fire Company No. 1
Downingtown

Station 46

Minquas Fire Company No. 2
Downingtown

Station 47

LIONVILLE FIRE COMPANY
Lionville

Station 47A

UWCHLAN AMBULANCE CORPS
Uwchlan

Station 48

Glenmore Fire Company
Glenmore

Station 49

East Brandywine Fire Company
Downingtown

Station 51

First West Chester Fire Company
West Chester

Station 52

Goodwill Fire Company No. 2
West Chester

Station 53

Fame Fire Company No. 3
West Chester

Station 54

Goshen Fire Company
West Chester

Station 55

Goodfellowship Ambulance Club
West Chester

<u>Station 56</u>	<u>Station</u>
Goshen Fire Company - Hershey's Mill Substation West Chester	South Kenne
<u>Station 61</u>	<u>Station</u>
KIMBERTON FIRE COMPANY Kimberton	SPRING Spring
<u>Station 62</u>	<u>Station</u>
RIDGE FIRE COMPANY Spring City	LUDWIG Glenm
<u>Station 63</u>	<u>Station</u>
LIBERTY FIRE COMPANY Spring City	Brand Brand
<u>Station 63A</u>	<u>Station</u>
SPRING CITY AREA AMBULANCE ASSOC. Spring City	Luker Coate
<u>Station 64</u>	<u>Station</u>
NORCO FIRE COMPANY Pottstown	Coate Coate
<u>Station 65</u>	<u>Station</u>
PHOENIX HOSE HOOK & LADDER NO. 1 Phoenixville	PENNH Spring
<u>Station 66</u>	<u>Station</u>
FRIENDSHIP FIRE COMPANY NO. 2 Phoenixville	Embre Coate
<u>Station 67</u>	
WEST END FIRE COMPANY NO. 3 Phoenixville	
<u>Station 68</u>	
VALL'Y FORGE VOLUNTEER FIRE CO. Valley Forge	

APPENDIX 2
FIRE/RESCUE GROUP CHIEF
ROUTE ALERT ZONES

-TBD-

APPENDIX 4

FIRE/RESCUE GROUP CHIEF

RELOCATION STATIONS FOR RISK FIRE AND RESCUE COMPANIES

<u>Risk Department</u>	<u>Tentative Relocation Point</u>
1. Kimberton Fire Co.	Lionville Fire Company
2. Ridge Fire Co.	Elverson Fire Company
3. Liberty Fire Co.	Uwchlan Ambulance Station
4. Norco Fire Co.	Union Fire Department, Berks County
5. Phoenix Hose Hook & Ladder No. 1	TBD
6. Friendship Fire Co. No. 2	East Whiteland Fire Company
7. West End Fire Co. No. 3 (Phoenixville)	TBD
8. Ludwigs Corner Fire Co.	Lionville Fire Company
9. Pennhurst Hospital (State department)	Embreeville State Hospital
10. Springford Rescue	Uwchlan Ambulance Station
11. Elverson Fire Co.	N/A
12. East Whiteland Fire Co.	N/A
13. Lionville Ambulance Co.	N/A
14. Uwchlan Ambulance Co.	N/A
15. Valley Forge Fire Co.	N/A

CHESTER COUNTY DEPARTMENT OF EMERGENCY SERVICES

IMPLEMENTING PROCEDURE

POLICE GROUP CHIEF

I. PURPOSE

The purpose of this procedure is to support Chester County's response to an incident at the Limerick Generating Station, assuring the continued provision of law enforcement within the plume exposure pathway emergency planning zone and providing for traffic control in the event of an evacuation and access control in the event of sheltering or a general evacuation.

II. REFERENCES

- A. Annex F, Chester County Limerick RERP
- B. Annex K, Chester County Limerick RERP
- C. EOC Message Flow Standard Operating Procedure

III. RESPONSIBILITIES

- A. The responsibility for the continued provision of law enforcement services to their respective jurisdictions rests with municipal police departments.
- B. The Pennsylvania State Police are responsible for access control of the EPZ perimeter in the event of sheltering or evacuation.

In the event of sheltering, access control will be considered "CLOSED" in that persons will not be permitted to enter the area involved unless they are residents and physical force would be necessary to prevent entry.

In the event of evacuation, initial access control will be "OPEN" in that access control points will be activated on a priority basis to prevent avoidable traffic from entering the area. After the evacuation is complete, "CLOSED" access will be initiated, with security patrols of affected areas as conditions permit.

- C. Municipal police and state police, supplemented by fire police where necessary, will provide law enforcement and traffic control along evacuation routes.
- D. The Chester County Sheriff's Department will assist the Chester County DES as requested.
- E. If ordered to State Active Duty by the Governor, the Pennsylvania National Guard will assist with the provision of security in the risk area.

IV. OPERATIONAL PROCEDURES

A. UNUSUAL EVENT

No action necessary.

B. ALERT

- _____ 1. Report to the EOC if requested by DES Director.
(time completed)
- _____ 2. Establish EOC security.
- _____ 3. Notify the relief Police Group Chief of the ALERT and direct him to stand by (reference Appendix 1).
- _____ 4. Notify risk and support police departments of the ALERT (reference Appendix 2).
- _____ 5. Dispatch County vehicles to the County EOC to pick up municipal kits of dosimeters and KI. Staff should then deliver kits to municipal EOC's serving the Limerick EPZ which have not chosen to accept pre-distributed equipment, and collect control TLD's for transfer to the Radiological Officer.
- _____ 6. Coordinate with the Public Works Group Chief to identify any detours or areas under construction on evacuation routes.
- _____ 7. Review procedures for SITE EMERGENCY.
- _____ 8. Maintain ALERT status until incident escalation or reduction or termination.

NOTES:

C. SITE EMERGENCY

- _____ 1. Report to the EOC.
(time
completed)
- _____ 2. Complete actions listed for ALERT.
- _____ 3. Notify risk and support police departments of the SITE EMERGENCY, place them on standby status, and confirm that they are prepared to receive dosimeters and KI from their municipal EMA's and distribute same to all on-duty personnel. (NOTE: Emphasize to emergency workers that they should not administer radioprotective drugs to themselves until such time as the Secretary of Health recommends it.) (reference Appendix 2).
- _____ 4. Notify police departments outside the EPZ which may have traffic control responsibilities.
- _____ 5. If a protective action is recommended at this point, or if local conditions warrant, ensure the dispatch of access control and traffic control personnel (reference Appendices 3 and 4).
- _____ 6. Request risk and support police departments to priority return out-of-service vehicles to service.
- _____ 7. Review procedures for GENERAL EMERGENCY.
- _____ 8. Maintain SITE EMERGENCY status until incident escalation or reduction or termination.

NOTES:

D. GENERAL EMERGENCY

- _____ 1. Report to the EOC.
(time
completed)
- _____ 2. Complete appropriate actions listed under UNUSUAL EVENT and
ALERT.
- _____ 3. Notify and mobilize risk and support police departments,
relaying any protective action recommendations (reference
Appendix 2).
4. If a General Evacuation has been ordered or recommended:
- _____ a. Ensure the dispatch of Access Control personnel and the
activation of Access Control Points on a priority basis
(reference Appendix 3).
- _____ b. Ensure the dispatch of Traffic Control personnel and the
activation of Traffic Control Points on a priority basis
(reference Appendix 4).
- _____ c. Notify and mobilize police departments outside the EPZ
which may have traffic control responsibilities.
- _____ d. Direct risk and support police departments to coordinate
with municipal public works officers regarding signs,
barricades and other necessary equipment.
- _____ e. Direct risk and support police departments to render
periodic situation reports.
- _____ f. When the evacuation is complete, ensure the dispatch of risk
and support police personnel to an emergency worker
monitoring/decontamination station, and from there to pre-

designated relocation points (risk departments only)
(reference Appendices 5 and 6).

- _____ g. Relay orders or recommendations regarding radioprotective drugs, dosimeters, respiratory protection and protective clothing as received from the Radiological/Decontamination Group Chief.
 - _____ h. Ensure the dispatch of risk and support police departments as necessary to continue to provide police protection to the evacuated area insofar as radiation levels allow (coordinate with the Radiological/Decontamination Group Chief).
 - _____ i. Upon notification of authorization to reenter the evacuated area, de-activate Access Control Points and re-establish Traffic Control Points (reference Appendix 4).
5. If Sheltering has been ordered or recommended:
- _____ a. Ensure the dispatch of Access Control personnel and the activation of Access Control Points (reference Appendix 3).
 - _____ b. Direct risk and support police departments to remain mobilized and provide periodic status reports.
 - _____ c. Upon the completion of all missions, police emergency workers should be assigned to an emergency worker monitoring/decontamination station and from there to other missions or to take shelter in quarters.
 - _____ d. Relay orders or recommendations regarding radioprotective drugs, dosimeters, respiratory protection and protective clothing as received from the Radiological Officer.
- _____ 6. Respond to any unmet law enforcement needs.

_____ 7. Maintain GENERAL EMERGENCY status until incident reduction or
termination.

NOTES:

E. INCIDENT TERMINATION

- _____ 1. If Evacuation has occurred, coordinate traffic movement during reentry. Activate traffic control points in cooperation with the Pennsylvania State Police.
- _____ 2. Continue security operations until municipalities have reestablished normal operations.
- _____ 3. Release municipal police forces to provide security to home municipalities as available. Coordinate necessary security needs between municipalities.
- _____ 4. Return equipment to original jurisdiction.
- _____ 5. Consolidate and secure records and reports.

APPENDICES

- Appendix 1. Chester County Police Services Group
- Appendix 2. Risk and Support Police Departments
- Appendix 3. Access Control Points
- Appendix 4. Traffic Control Points
- Appendix 5. Emergency Worker Monitoring/Decontamination Stations
- Appendix 6. Relocation Points for Risk Police Departments
- Appendix 7. Municipal EOC Locations

APPENDIX 1

POLICE GROUP CHIEF

CHESTER COUNTY POLICE SERVICES GROUP*

POLICE

Charles Zagorski

Al Myers

APPENDIX 2

POLICE GROUP CHIEF

RISK AND SUPPORT POLICE DEPARTMENTS

Note: Departments in capital letters are located within or service the plume EPZ.

A. Police Departments Dispatched by Chester County Police Radio:

- | | |
|-------------------------------|------------------------------------|
| 1. SCHUYLKILL TOWNSHIP | 23. East Whiteland Township |
| 2. Easttown Township | 24. UWCHLAN/UPPER UWCHLAN TOWNSHIP |
| 3. Tredyffrin Township | 25. West Whiteland Township |
| 4. Coatesville City | 26. Kennett Square Borough |
| 5. Valley Township | 27. Oxford Borough |
| 6. South Coatesville Borough | 28. Parkesburg Borough |
| 7. Caln Township | 29. Downingtown Borough |
| 8. SPRING CITY BOROUGH | 30. West Goshen Township |
| 9. Malvern Borough | 31. Westtown/East Goshen Townships |
| 10. Willistown Township | 32. EAST PIKELAND TOWNSHIP |
| 11. WEST PIKELAND TOWNSHIP | 33. West Caln Township |
| 12. Thornbury Township | 34. West Fallowfield Township |
| 13. Birmingham Township | 35. Wallace Township |
| 14. Modena Borough | 36. West Nantmeal Township |
| 15. East Fallowfield Township | 37. Brandywine Township |
| 16. EAST CONVENTRY TOWNSHIP | 38. East Bradford Township |
| 17. EAST VINCENT TOWNSHIP | 39. West Brandywine Township |
| 18. WEST VINCENT TOWNSHIP | 40. New Garden Township |
| 19. West Grove Borough | 41. Honeybrook Borough |
| 20. West Nottingham Township | 42. Highland Township |
| 21. Avondale Borough | 43. Honeybrook Township |
| 22. Sadsbury Township | |

B. Townships Covered Full-Time by the Pennsylvania State Police:

- | | |
|-----------------------------|-------------------------------|
| 1. East Nottingham Township | 12. East Marlborough Township |
| 2. Elk Township | 13. West Marlborough Township |
| 3. New London Township | 14. Newlin Township |
| 4. Franklin Township | 15. Pocopson Township |
| 5. London Britain Township | 16. Pennsbury Township |
| 6. Lower Oxford Township | 17. West Bradford Township |
| 7. Upper Oxford Township | 18. EAST NANTMEAL TOWNSHIP |
| 8. Penn Township | 19. WARWICK TOWNSHIP |
| 9. Londonderry Township | 20. SOUTH COVENTRY TOWNSHIP |
| 10. London Grove Township | 21. CHARLESTOWN TOWNSHIP |
| 11. Kennett Township | 22. East Caln Township |

C. Townships and Municipalities Operating Full-Time Departments Which Utilize Their Own Dispatch Centers:

1. West Chester Borough
2. PHOENIXVILLE BOROUGH
3. NORTH COVENTRY TOWNSHIP (POTTSTOWN P.D.)

APPENDIX 3

POLICE GROUP CHIEF

ACCESS CONTROL POINTS

<u>POST</u>	<u>LOCATION</u>	<u>INSTRUCTIONS</u>	<u>NO. PERSONNEL</u>	<u>RESPONSIBLE ORGANIZATION</u>
<u>CHARLESTOWN TOWNSHIP</u>				
200	T510 (Rees Rd.) & T403 (Howell Rd.)	No traffic on either road	1	Pennsylvania State Police (PSP)
201*	Rt. 29 (Morehall Rd.) & LR 15134 (Whitehorse Rd.)	No traffic North on White Horse	1	PSP
202	Rt. 29 (Morehall Rd.) & LR 15049 (Charlestown Rd.)	No traffic North on Rt. 29 or Charlestown Rd.	1	PSP
203	T548 (Sidley Hill Rd.) & LR 15009 (Yellow Springs Rd.)	No traffic North on Sidley Hill or Yellow Springs	1	PSP
204	T470 (Bodine Rd.) & LR 15054 (Valley Hill Rd.)	No traffic North on either road	1	PSP
<u>WEST PIKELAND TOWNSHIP</u>				
205	Rt. 401 & LR 15189 (Seven Oaks Rd.)	No traffic West on Rt. 401 or North on Seven Oaks Road	1	PSP
206	T466 (Davis Rd.) & T447 (Upper Pine Creek Road)	No traffic North on Pine Creek or West on Davis Rd.	1	PSP
<u>UWCHLAN TOWNSHIP</u>				
207	Rt. 113 & T464 (Lionville Station Road)	No traffic North on Rt. 113 or West on Lionville Station Road	1	Uwchlan Twp.
<u>UPPER UWCHLAN TOWNSHIP</u>				
208	Rt. 100 & T439 (Township Line Road)	No traffic North on Rt. 100 or East on Township Line Rd.	1	PSP
209	LR 15018 (Park Rd.) & T427 (Moore Rd.)	No traffic East on Park Rd.	1	PSP
210	LR 15052 (Little Conestoga Rd.) & LR 15203 (Milford Rd.)	No traffic North on Milford or East on Little Conestoga Rd.	1	PSP

TREDYFFRIN/SCHUYLKILL TWPS.

TBD	Diamond Rock Hill Rd. & Ashenfelter Rd.	No traffic North on Diamond Rock or East on Ashenfelter	1	Tredyffrin Twp. P.D.
TBD	Welsh Valley Rd. & Mountain Drive	No traffic on Mountain Drive	1	Tredyffrin Twp. P.D.

WALLACE TOWNSHIP

211	LR 15052 (Little Conestoga & T457 (Styer Dr.))	No traffic North on Styer Rd.	1	PSP
212	LR 15052 (Little Conestoga Rd.) & LR 15148 (Fairview Rd.)	No traffic West on Fairview Road	1	PSP

EAST NANTMEAL TOWNSHIP

213	T505 (Hedge Rd.) & T500 (Creamary Rd.)	No traffic on Hedge Rd.	1	PSP
214	T400 (Marsh Rd.) & Adams Dr.	No traffic on Marsh Road	1	PSP
215*	Rt. 401 & Rt. 345	No traffic East on Rt. 401	2	PSP

WARWICK TOWNSHIP

16	Rt. 345 & T409 (Redding Furnance Road)	No traffic East on Redding Furnance Road	1	PSP
217*	Rt. 23 & Rt. 345	No traffic East on Rt. 23	1	PSP
218	Rt. 345 & T533 (Warwick Rd.)	No traffic East on Warwick Rd.	1	PSP
219	Rt. 345 & T529 (Northside Road)	No traffic East on Northside Road	1	PSP
220	Rt. 345 & LR 15129 (Harmonyville Rd.)	No traffic East on Harmonyville Road	1	PSP
221	Rt. 345 & T400 (Laurel Rd.)	No traffic South on Laurel Road	1	PSP

MONTGOMERY COUNTY (Listed for Information Purposes Only)

Rt. 23 & Rt. 252	No traffic West on Rt. 23	1	Valley Forge Park Police
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* Denotes Access Control Points and Traffic Control points Combined.

NOTE: This information reflects information developed by the Pennsylvania State Police with adjustments and revisions by the Chester County Department of Emergency Services and municipal law enforcement and emergency management personnel. It should be considered preliminary, with further coordination among all of the above participants required.

APPENDIX 4
POLICE GROUP CHIEF
TRAFFIC CONTROL POINTS

<u>POST</u>	<u>LOCATION</u>	<u>TOWNSHIP</u>
25*	Rt. 401 & Rt. 345	East Nantmeal
26	Rt. 401 & Rt. 82	Elverson Boro
27	Rt. 82 & Rt. 23	Elverson Boro
28*	Rt. 345 & Rt. 23	Warwick
29	Rt. 23 & St. Peters Road (LR 15131)	Warwick
30	Rt. 23 & Coventryville Road (T517)	South Coventry
31	Rt. 23 & Rt. 100	South Coventry
2	Rt. 23 & Daisy Point Rd.	South Coventry
34	Rt. 100 & Horseshoe Trail (T509)	West Vincent
35	Rt. 100 & Rt. 401	West Vincent
36	Rt. 401 & St. Matthews (LR 15079)	West Vincent
37	Rt. 100 & Fellowship Road (T464)	Upper Uwchlan
38	Rt. 100 & Little Conestoga Road (LR 15052)	Upper Uwchlan
39	Rt. 100 & Rt. 113	Uwchlan
40	Rt. 113 & Rt. 30 By Pass	East Caln
41	New St. (T569) & Rt. 724	East Vincent
42	Rt. 724 & Rt. 23	East Pikeland
43	Rt. 401 & Rt. 113	West Pikeland

44	Rt. 29 (Morehall) & Charlestown Road (15050)	Charlestown	2	PSP
-1	Rt. 401/Valley Hill Road	Charlestown	1	Charlestown Twp.
45*	Rt. 29 (Morehall) & South White Horse Road (15134)	Charlestown	2	PSP
46	Rt. 202 & Rt. 29	East Whiteland	2	PSP
	Sidley Road/Phoenixville Pike	East Whiteland	1	East Whiteland Twp. P.D.
EC-1	Bethel Church Rd./Rte. 23	East Coventry	1	East Coventry Twp. P.D.
EC-2	Bethel Church Rd./Rte. 724	East Coventry	1	East Coventry Twp. P.D.
EC-3	Old Schuylkill Rd./Rte. 724	East Coventry	1	East Coventry Twp. P.D.
EC-4	Sanatoga Rd./Rte. 724	East Coventry	1	East Coventry Twp. P.D.
EP-1	Pikeland Avenue/Rt. 724	East Pikeland	1	East Pikeland Twp. P.D.
P-2	Township Line Road/Rt. 113	East Pikeland	1	East Pikeland Twp. P.D.
EP-3	Rt. 113/Rapps Dam Road	East Pikeland	1	East Pikeland Twp. P.D.
EP-4	Rt. 113/Hares Hill Road	East Pikeland	1	East Pikeland Twp. P.D.
EP-5	Rt. 113/Cold Stream Road	East Pikeland	1	East Pikeland Twp. P.D.
EV-1	Rt. 724/Bridge Street	East Vincent	1	East Vincent Twp. P.D.
EV-2	Rt. 724/New Street	East Vincent	1	East Vincent Twp. P.D.
EV-3	Rt. 724/Hill Church Road	East Vincent	1	East Vincent Twp. P.D.
EV-4	Rt. 724/Stoney Run Road	East Vincent	1	East Vincent Twp. P.D.

EV-5	Pennhurst Road/Bridge Street	East Vincent	1	East Vincent Twp. P.D.
J-1	Rt. 724/Keim Street	North Coventry	1	North Coventry Twp. P.D.
NC-2	Rt. 724/Hanover Street	North Coventry	1	North Coventry Twp. P.D.
NC-3	Rt. 100/Rt. 724	North Coventry	2	North Coventry Twp. P.D.
NC-4	Rt. 100/South Hanover Street	North Coventry	1	North Coventry Twp. P.D.
NC-5	S. Hanover St./Cedarville Rd.	North Coventry	1	North Coventry Twp. P.D.
NC-6	Laurelwood Drive/Rt. 724	North Coventry	1	North Coventry Twp. P.D.
NC-7	Rt. 100/Cedarville Road	North Coventry	1	North Coventry Twp. P.D.
P-1	Rte. 113 & Rte. 23	Phoenixville	1	Phoenixville P.D.
P-2	W. Bridge St. & Potthouse Rd.	Phoenixville	1	Phoenixville P.D.
P-3	Bridge St. & Nutt Road	Phoenixville	1	Phoenixville P.D.
P-4	Route 29 & Junior High School	Phoenixville	1	Phoenixville P.D.
P-5	Nutt Road & Lincoln Avenue	Phoenixville	1	Phoenixville P.D.
P-6	Gay Street & Nutt Road	Phoenixville	1	Phoenixville P.D.
P-7	Main Street & Nutt Road	Phoenixville	1	Phoenixville P.D.
P-8	Starr Street & Nutt Road	Phoenixville	1	Phoenixville P.D.
P-9	First Avenue & Gay Street	Phoenixville	1	Phoenixville P.D.
P-10	First Avenue & Main Street	Phoenixville	1	Phoenixville P.D.
P-11	First Ave. & Starr Street	Phoenixville	1	Phoenixville P.D.
P-12	Bridge St. & Buchanan Street	Phoenixville	1	Phoenixville P.D.
P-13	Gay Street & Bridge Street	Phoenixville	1	Phoenixville P.D.
P-14	Main Street & Bridge Street	Phoenixville	1	Phoenixville P.D.
P-15	Starr Street & Bridge Street	Phoenixville	1	Phoenixville P.D.

P-16	Phoenixville Hospital Exit to Route 29 & Phoenixville Manor	Phoenixville	1	Phoenixville P.D.
-17	High Street & Franklin Avenue	Phoenixville	1	Phoenixville P.D.
P-18	Emmett Street & Dayton Street	Phoenixville	1	Phoenixville P.D.
P-19	Dayton Street & Freemont Street	Phoenixville	1	Phoenixville P.D.
P-20	Township Line Rd. & Fillmore St.	Phoenixville	1	Phoenixville P.D.
SK-1	Rt. 23/White Horse Road	Schuylkill	1	Schuylkill Twp. P.D.
SK-2	Pot House Road/Charlestown Road	Schuylkill	1	Schuylkill Twp. P.D.
SK-3	Pot House Road/White Horse Road	Schuylkill	1	Schuylkill Twp. P.D.
SK-4	Pot House Road/Rt. 29	Schuylkill	1	Schuylkill Twp. P.D.
SK-5	White Horse Rd./Valley Park Rd.	Schuylkill	1	Schuylkill Twp. P.D.
SK-6	White Horse Road/Schuylkill Elementary Entrance	Schuylkill	1	Schuylkill Twp. P.D.
SK-7	Charlestown Road/Vo-Tech Entrance	Schuylkill	1	Schuylkill Twp. P.D.
SCF-1	Rt. 100/Daisy Point Road	South Coventry	1	Fire Police
SCF-2	Rt. 100/Cadmus Street	South Coventry	1	Fire Police
SCB-1	Bridge Street/Main Street	Spring City	2	Spring City P.D.
SCB-2	Wall Street/Main Street	Spring City	1	Spring City P.D.
SCB-3	Pikeland Avenue/Wall Street	Spring City	1	Spring City P.D.
W-1	Rt. 23/Trythall Road	Warwick	1	Warwick Twp. P.D.
W-2	Rt. 23/County Park Road	Warwick	1	Warwick Twp. P.D.
WP-1	Rt. 113/Pikeland Road	West Pikeland	1	West Pikeland Twp. P.D.
U-4	Gordon Drive/Rt. 100	Uwchlan	1	Uwchlan Twp. P.D.
U-5	Gordon Drive/Rt. 113	Upper Uwchlan	1	Uwchlan/Upper Uwchlan Twp. P.D.

U-1	Byers Road/Rt. 100	Upper Uwchlan	1	Uwchlan/Upper Uwchlan Twp. P.D.
-2	Township Line Rd./Rt. 100	Upper Uwchlan	1	Uwchlan/Upper Uwchlan Twp. P.D.
U-3	Font Road/Rt. 100	Upper Uwchlan	1	Uwchlan/Upper Uwchlan Twp. P.D.
WV-1	Birchrun Road/Rt. 100	West Vincent	1	W. Vincent Twp.
CALN-1	Rt. 322/Rt. 30 By-Pass	Caln	1	Caln Twp. P.D.
D-1	Rt. 322/Downingtown H.S. Entrance	Downingtown Boro	1	Downingtown P.D.
WHITE-1	Swedesford Road/Rt. 100	West Whiteland	1	West Whiteland Twp. P.D.
WHITE-2	Rt. 30/Exton Mall Exit	West Whiteland	1	West Whiteland Twp. P.D.
EW-1	Rt. 29/Rt. 202	E. Whiteland	1	East Whiteland Twp. P.D.

* Denotes Access Control and Traffic Control Points combined.

APPENDIX 5

POLICE GROUP CHIEF

EMERGENCY WORKER MONITORING/DECONTAMINATION STATIONS

1. Elverson Fire Company (Station 32)
P. O. Box 181
Elverson, PA 19520
2. Lionville Fire Company (Station 47)
Village Avenue
Lionville, PA 19353
3. Valley Forge Volunteer Fire Co. (Station 68)
Valley Park Road
Valley Forge, PA 19481

APPENDIX 6

POLICE GROUP CHIEF

RELOCATION POINTS FOR RISK POLICE DEPARTMENTS

<u>Risk Department</u>	<u>Relocation Site</u>
1. Schuylkill Township P.D.	N/A
2. Spring City Borough P.D.	Uwchlan Township Building
3. West Pikeland Township P.D.	Uwchlan Township Building
4. East Pikeland Township P.D.	Uwchlan Township Building
5. East Coventry Township P.D.	West Nantmeal Township Bldg.
6. East Vincent Township P.D.	TBD
7. West Vincent Township P.D.	Uwchlan Township Building
8. Phoenixville P.D.	TBD
9. North Coventry Township P.D.	Daniel Boone High School (Berks Co.)

APPENDIX 7
 POLICE GROUP CHIEF
MUNICIPAL EOC LOCATIONS

Charlestown Township.....	Great Valley Administration Building	TBD
East Coventry Township.....	Ridge Fire Company	495-6063
East Nantmeal Township.....	Township Bldg., Route 401	458-5780
East Pikeland Township.....	Kimberton Fire Company	933-9961
East Vincent Township.....	Township Bldg., 55 Ridge Road	933-4424
North Coventry Township.....	Township Bldg., 873 S. Hanover St.	323-1694
Phoenixville.....	E. Wing, Phoenixville Hosp, 140 Nutt Rd.	933-8801
Schuylkill Township.....	Township Bldg., 801 Valley Park Rd.	933-5843
South Coventry Township.....	TBD	TBD
Spring City.....	Borough Bldg., Hall & Church Sts.	948-3660
Upper Uwchlan Township.....	Township Building/Route 100	TBD
Uwchlan Township.....	Township Bldg., 715 N. Ship Road	363-9450
Warwick Township.....	Township Building, Warwick	286-5557
West Pikeland Township.....	Pikeland Road/Route 113	827-9218
West Vincent Township.....	Township Building, Birchrunville	827-7932

CHESTER COUNTY DEPARTMENT OF EMERGENCY SERVICES

IMPLEMENTING PROCEDURE

MEDICAL/EMS GROUP CHIEF

I. PURPOSE

The purpose of this procedure is to support Chester County's response to an incident at the Limerick Generating Station, assuring continued emergency medical coverage for the plume exposure pathway emergency planning zone, supporting the evacuation of handicapped persons from within the EPZ, and supporting the evacuation of health care facilities.

II. REFERENCES

- A. Annex G, Chester County Limerick RERP
- B. EOC Message Flow Standard Operating Procedure

III. RESPONSIBILITIES

- A. The Chester County Medical/EMS Group Chief is responsible for:
 - 1. Coordinating emergency medical coverage among EPZ municipalities.
 - 2. Responding to unmet municipal medical needs.
 - 3. Assigning ambulances to support municipal evacuations.
 - 4. Assigning ambulances, as available, to support the evacuation of health care facilities.
 - 5. Support of those health care facilities in Chester County which are designated to receive evacuees from risk health care facilities, responding to their unmet needs.

IV. OPERATIONAL PROCEDURES

A. UNUSUAL EVENT

No action necessary.

B. ALERT

- _____ 1. Report to the EOC if requested by the DES Director.
(time
completed)
- _____ 2. Notify relief Medical/EMS Group Chief to stand by (reference Appendix 1).
- _____ 3. Ensure notification of hospitals and nursing homes, and Pennhurst Center, and advise them to update censuses, determine transportation needs, contact support facilities, determine host facility bed availability, and to report unmet needs.
- _____ 4. Verify notification of risk and support ambulance services of the ALERT with the Alerting and Communications Group Chief (reference Appendix 2).

NOTES:

C. SITE EMERGENCY

- _____ 1. Report to the EOC.
(time completed)
- _____ 2. Notify the relief Medical/EMS Group Chief, place on standby status and prepare for extended (12-hour shifts) operations (reference Appendix 1).
- _____ 3. Verify notification of all county ambulance services of the SITE EMERGENCY and ensure risk and support services are mobilized in quarters (reference Appendix 2).
- _____ 4. Determine the number of units available from other than risk and support ambulance services and assign them as necessary to meet municipal unmet needs.
- _____ 5. Ensure that all risk and support ambulance services have received dosimeters and KI from their respective municipal EMA's. Caution all emergency workers that KI should be taken only if ordered by the Secretary of Health, and that order will be relayed by Chester County Communications.
- _____ 6. Contact risk Chester County facilities and request appropriate implementation of emergency plans (reference Appendix 4).
- _____ 7. Review procedures for GENERAL EMERGENCY.
- _____ 8. Maintain SITE EMERGENCY status until incident escalation or reduction or termination.

NOTES:

D. GENERAL EMERGENCY

_____ 1. Report to the EOC.
(time
completed)

_____ 2. Notify the relief Medical/EMS Group Chief of the GENERAL EMERGENCY, place on standby status and implement extended (12-hour shifts) operations (reference Appendix 1).

_____ 3. Notify all Chester County ambulance services of the GENERAL EMERGENCY, ensuring that risk and support services are mobilized in quarters and that all other services are on standby status (reference Appendix 2).

4. If the recommended protective action is General Evacuation:

_____ a. Ensure that appropriate ambulances are dispatched to municipal staging areas to support the evacuation of handicapped residents. Unless otherwise advised, all handicapped residents should be transported to the Pocopson Home, 1595 Lenape Street, West Chester.

_____ b. Ensure that available Chester County ambulances are dispatched in response to requests to support the evacuation of health care facilities and homebound patients (reference Appendix 5).

_____ c. Ensure that all involved ambulance services are directed to report in to Chester County Communications upon the completion of their missions. Ambulances should then be:

(1) Dispatched to the Transportation Staging Area for another assignment; or

(2) Assigned to an emergency worker decontamination station (reference Appendix 6) and from there to:

(a) A pre-designated relocation point (reference Appendix 7) (risk service only); or

(b) Return to quarters.

_____ e. Ensure that staging area staff are providing dosimeters and KI to ambulance personnel reentering the EPZ on second missions.

5. If the recommended protective action is Selective Evacuation:

_____ a. Assign adequate ambulances (other than risk and support ambulance services) to support a possible evacuation of health care facilities in response to requests.

_____ 6. If the recommended protective action is Sheltering, ensure that risk ambulance service personnel remain mobilized in quarters, responding only to emergency medical calls. Upon the completion of each call, risk and support ambulance personnel should be assigned to an emergency worker monitoring/decontamination station (reference Appendix 6).

_____ 7. Relay orders or recommendations regarding respiratory protection, protective clothing, and dosimeters and KI as received from the Radiological Officer.

8. Maintain GENERAL EMERGENCY status until incident reduction or termination.

NOTES:

E. INCIDENT TERMINATION

- _____ 1. Coordinate the response to the health needs of the evacuated area to include blood and drug supplies.
- _____ 2. Notify all health organizations of reentry procedures.
- _____ 3. Coordinate emergency medical support during return.
- _____ 4. Coordinate the use of ambulances for patient and invalid return. Coordinate the phasing of return of patients with risk county officials.
- _____ 5. Coordinate the disposal of any contaminated food or medical supplies with PEMA and BRP.
- _____ 6. Inventory supplies on hand.
- _____ 7. Consolidate and secure all records and reports.

APPENDICES

- Appendix 1. Medical/EMS Group Chief
- Appendix 2. Risk and Support Ambulance Services
- Appendix 3. Hospitals Capable of Radiation Treatment
- Appendix 4. Chester County Risk and Host Health Care Facilities
- Appendix 5. Transportation Staging Area
- Appendix 6. Emergency Worker Monitoring/Decontamination Stations
- Appendix 7. Risk Ambulance Relocation Points
- Appendix 8. Hospital/Long Term Care Census Forms

APPENDIX 1

MEDICAL/EMS GROUP CHIEF

CHESTER COUNTY MEDICAL COORDINATOR AND STAFF

MEDICAL EMS

Dr. J. Maher
Dr. D. Kuokos
Steven Webb
Mark Abbott

APPENDIX 2
 MEDICAL/EMS GROUP CHIEF
RISK AND SUPPORT AMBULANCE SERVICES*

	<u>Station</u>	<u>Vehicles</u>
<u>Station 2:</u>	<u>Berwyn Fire Company</u> Berwyn	2
<u>Station 3:</u>	<u>Paoli Fire Company</u> Paoli	1
<u>Station 4:</u>	<u>Malvern Fire Company</u> Malvern	2
<u>Station 5:</u>	<u>EAST WHITELAND FIRE COMPANY</u> Frazer	1
<u>Station 21:</u>	<u>Union Fire Company No. 1</u> Oxford	2
<u>Station 22:</u>	<u>West Grove Fire Company</u> West Grove	2
<u>Station 23:</u>	<u>Avondale Fire Company</u> Avondale	1
<u>Station 24:</u>	<u>Kennett Fire Company No. 1</u> Kennett Square	2
<u>Station 28:</u>	<u>Parksburg Fire Company</u> Parksburg	2
<u>Station 29:</u>	<u>Pomeroy Fire Co.</u> Pomeroy	1
<u>Station 32:</u>	<u>ELVERSON FIRE CO.</u> Elverson	2
<u>Station 33:</u>	<u>Honeybrook Fire Co.</u> Honeybrook	2
<u>Station 34:</u>	<u>Martins Corner Fire Company</u> Coatesville	2
<u>Station 36A:</u>	<u>Unionville Ambulance Corp.</u> Unionville	1

*Risk ambulance services are capitalized.

	<u>Station</u>	<u>Vehicles</u>
<u>Station 37:</u>	<u>Modena Fire Company</u> Modena	2
<u>Station 41:</u>	<u>Washington Hose Fire Co. No. 1</u> Coatesville	2
<u>Station 43:</u>	<u>West End Fire Company No. 3</u> Coatesville	1
<u>Station 46:</u>	<u>Minquas Fire Company No. 2</u> Downingtown	2
<u>Station 47:</u>	<u>Uwchlan Ambulance Corps.</u> Lionville	2
<u>Station 54:</u>	<u>Goshen Fire Company</u> West Chester	3
<u>Station 55:</u>	<u>Good Fellowship Ambulance Club</u> Montgomery	5
<u>Station 67:</u>	<u>WEST END FIRE COMPANY #3</u> Phoenixville	3
<u>Station 72:</u>	<u>SPRING FORD RESCUE</u> Spring City	1
<u>Station 63</u>	<u>SPRING CITY AMBULANCE SERVICE</u> Spring City	1
	TOTAL AMBULANCES	<u>45</u>

*Risk ambulance services are capitalized.

APPENDIX 3

MEDICAL/EMS GROUP CHIEF

HOSPITALS CAPABLE OF RADIATION TREATMENT

<u>FACILITY</u>	<u>NUMBER OF BEDS</u>
1. University of Pennsylvania Hospital 3400 Spruce Street Philadelphia, PA 19104 (215) 662-3000 - Radiology (215) 662-4000--2203 Main Number	686
Dr. Sheldon Jacobson - Emergency Room Chief. The University of Pennsylvania Hospital is the Definitive Care Center for radiation contamination in the Delaware Valley. This hospital has been designated as the referral center for the entire Delaware Valley region. Local hospitals are capable of providing stabilization, monitoring and decontamination, as necessary, and are to refer severe cases to the University of Pennsylvania Hospital.	
2. Southern Chester County Medical Center LR 131 West Grove, PA 19390 (215) 869-1000	53
3. Chester County Hospital 701 E. Marshal Street West Chester, PA 19380 (215) 431-5000	290
4. Paoli Memorial Hospital Lancaster Pike Paoli, PA 19301 (215) 648-1000	188
5. Brandywine Hospital 201 Reeceville Road Coatesville, PA 19320 (215) 383-9068--8049	208

All other hospitals in the state with this capability are identified in the Commonwealth's Disaster Operations Plan, Annex E, and these resources could be used if the primary and immediate support hospitals identified here are not sufficient.

APPENDIX 4

MEDICAL/EMS GROUP CHIEF

CHESTER COUNTY RISK AND HOST HEALTH CARE FACILITIES

I. <u>Hospitals</u>	<u>Capacity</u>	<u>Host Facility</u>
A. Phoenixville Hospital	195	Paoli Memorial Hospital
II. <u>Nursing Homes</u>		
A. Coventry Manor Nursing Home	41	Berks Heim County Home
B. Manatawny Manor Nursing Home	199	Wernersville State Hospital
C. Phoenixville Manor	135	Rosemont Manor, Rosemont North Penn Convelescent Ctr. Lansdale Doylestown Manor, Doylestown
D. Pennhurst Center (State Facility) _____		Embreeville State Hospital

APPENDIX 5

MEDICAL/EMS GROUP CHIEF

TRANSPORTATION STAGING AREA

Exxon Office Systems Incorporated
Gordon Drive
Lionville

APPENDIX 6

MEDICAL/EMS GROUP CHIEF

EMERGENCY WORKER MONITORING/DECONTAMINATION STATIONS

1. Elverson Fire Company (Station 32)
P. O. Box 181
Elverson, PA 19520
2. Lionville Fire Company (Station 47)
Village Avenue
Lionville, PA 19353
3. Valley Forge Volunteer Fire Co. (Station 68)
Valley Park Road
Valley Forge, PA 19481

APPENDIX 7

MEDICAL/EMS GROUP CHIEF

RISK AMBULANCE RELOCATION POINTS

<u>Risk Facility</u>	<u>Tentative Relocation Site</u>
1. West End Fire Company (Phoenixville)	E. Whiteland Fire Co.
2. Spring City Ambulance	Uwchlan Ambulance Station
3. Springford Rescue	Uwchlan Ambulance Station
4. East Whiteland Ambulance	N/A
5. Elverson Ambulance	N/A
6. Uwchlan Ambulance	N/A

APPENDIX 8

HOSPITAL AND LONG TERM CARE CENSUS FORMS

DATE/TIME _____

PHOENIXVILLE HOSPITAL

PATIENT CLASS	TRANSPORTATION REQUIREMENTS			TOTAL CENSUS
	AMBULANCE	TRUCK	BUS/VAN	
MATERNITY				
PEDIATRICS				
NEONATES				
MEDICAL/ SURGICAL				
INTENSIVE/ CARDIAC CARE				
PATIENT TOTALS				
STAFF CENSUS				
NUMBER OF VEHICLES ASSIGNED				

APPENDIX 8

HOSPITAL AND LONG TERM CARE CENSUS FORMS

DATE/TIME

COVENTRY MANOR NURSING HOME, INC.

CENSUS		TRANSPORTATION REQUIREMENTS		
	TOTALS	AMBULANCE	TRUCK	BUS/VAN
RESIDENT				
STAFF				
NUMBER OF VEHICLES ASSIGNED				

APPENDIX 8

HOSPITAL AND LONG TERM CARE CENSUS FORMS

DATE/TIME

MANATAWNY MANOR

CENSUS		TRANSPORTATION REQUIREMENTS		
	TOTALS	AMBULANCE	TRUCK	BUS/VAN
RESIDENT				
STAFF				
NUMBER OF VEHICLES ASSIGNED				

APPENDIX 8

HOSPITAL AND LONG TERM CARE CENSUS FORMS

DATE/TIME

PHOENIXVILLE CONVALESCENT MANOR, INC.

CENSUS		TRANSPORTATION REQUIREMENTS		
	TOTALS	AMBULANCE	TRUCK	BUS/VAN
RESIDENT				
STAFF				
NUMBER OF VEHICLES ASSIGNED				

APPENDIX 8

HOSPITAL AND LONG TERM CARE CENSUS FORMS

DATE/TIME

PENNHURST CENTER

CENSUS		TRANSPORTATION REQUIREMENTS		
	TOTALS	AMBULANCE	TRUCK	BUS/VAN
RESIDENT				
STAFF				
NUMBER OF VEHICLES ASSIGNED				

NOTE: Pennhurst is a state facility and is to be entirely supported by the Pennsylvania Department of Public Welfare. This information is provided for coordination purposes only.

CHESTER COUNTY DEPARTMENT OF EMERGENCY SERVICES

IMPLEMENTING PROCEDURE

MASS CARE GROUP CHIEF

I. PURPOSE

The purpose of these procedures is to support Chester County's response to an incident at the Limerick Generating Station, ensuring the provision of shelter to evacuees relocating to the support areas of Chester County.

II. REFERENCES

- A. Annex L, Chester County Limerick RERP
- B. Decontamination Monitoring Standard Operating Procedure
- C. EOC Message Flow Standard Operating Procedure

III. RESPONSIBILITIES

- A. The Mass Care Group Chief in the Chester County EOC is responsible for the following:
 - 1. Notification of reception centers and mass care centers commencing at Site Emergency.
 - 2. Liaison with the Chester County Chapter of the American Red Cross.
 - 3. Liaison with other EOC staff to ensure the adequate preparation of reception and mass care facilities.
- B. The Chester County Chapters of the American Red Cross are responsible for the following:

1. Development and maintenance of agreements for the use of facilities as mass care centers.
2. Provision of a liaison person to the County EOC.
3. Identification and assignment of adequate staff to set up and operate mass care facilities.

C. Mass Care Center Managers are responsible for:

1. Operation of the specific facility to which they are assigned, in accordance with American Red Cross standard procedures.
2. Preparation of reports, etc., in accordance with Red Cross procedures.
3. Provision of periodic status reports to the Mass Care Group Chief in the EOC.

D. The Radiological/Decontamination Group Chief is responsible for:

1. Direction and control of decontamination monitoring teams operating within mass care facilities.

IV. OPERATIONAL PROCEDURES

A. UNUSUAL EVENT

No action necessary.

B. ALERT

1. Report to the Chester County EOC if requested.
_____ (time completed)

- _____ 2. Notify the relief Mass Care Group Chief and place on standby status (reference Appendix 1).
- _____ 3. Notify the American Red Cross, advising of the incident and directing them to place staff on standby status (reference Appendix 2).
- _____ 4. Contact reception center facilities and managers.
- _____ 5. Review procedures for SITE EMERGENCY.
- _____ 6. Maintain ALERT status until incident escalation or reduction or termination.

NOTES:

C. SITE EMERGENCY

- _____ 1. Report to the EOC.
(time
completed)
- _____ 2. Notify the relief Mass Care Group Chief, place on standby status, and prepare for extended (12-hour shift) operations (reference Appendix 1).
- _____ 3. Notify the American Red Cross, directing them to mobilize staff and place volunteers on standby status (reference Appendix 2).
- _____ 4. Notify reception centers and mass care centers and place on standby status (reference Appendices 3 and 4).
- _____ 5. Coordinate with the Radiological/Decontamination Group Chief to ensure that decontamination monitoring teams have been assigned to each mass care center and are on standing by.
- _____ 6. Coordinate with the Alerting and Communications Group Chief to ensure that ARES units are assigned to reception centers (priority) and mass care centers (as available).
- _____ 7. Review procedures for GENERAL EMERGENCY.
- _____ 8. Maintain SITE EMERGENCY status until incident escalation or reduction or termination.

NOTES:

D. GENERAL EMERGENCY

_____ 1. Report to the EOC.
(time
completed)

_____ 2. Notify the relief Mass Care Group Chief, place on standby status and implement extended (12-hour shift) operations (reference Appendix 1).

3. If Sheltering is recommended or ordered:

_____ a. Notify the Red Cross, directing them to maintain volunteers on standby status (reference Appendix 2).

_____ b. Notify reception centers and mass care centers, maintaining on standby status (reference Appendices 3 and 4).

_____ c. Ensure that reception center staff are maintained on standby status (reference Appendix 5).

_____ d. Coordinate with the Alerting and Notification Group Chief to ensure that ARES units assigned to reception and mass care centers are maintained on standby status.

_____ e. Coordinate with the Radiological/Decontamination Group Chief to ensure that decontamination monitoring teams are maintained on standby status.

4. If an Evacuation is recommended or ordered:

_____ a. Notify the Red Cross, directing that mass care volunteer staff be mobilized for the primary mass care center for each reception center (reference Appendix 4).

- _____ b. Notify and mobilize reception centers (reference Appendix 3).
- _____ c. Ensure that reception center staff has been mobilized (reference Appendix 5).
- _____ d. Ensure that the Alerting and Communications Group Chief has dispatched assigned ARES units to reception and mass care centers.
- _____ e. Ensure that the Radiological/Decontamination Group Chief has mobilized decontamination monitoring teams for the primary mass care centers.
- _____ f. Monitor reports of evacuee flow from reception centers, activating additional mass care centers as needed based on building capacity (reference Appendix 4).
- _____ g. As additional mass care centers are opened, ensure that appropriate ARES units and decontamination monitoring teams are mobilized.
- _____ h. Maintain communications with reception and mass care centers, providing periodic status reports to the DES Director and the Red Cross.
- _____ 5. Maintain GENERAL EMERGENCY status until incident reduction or termination.

NOTES:

E. INCIDENT TERMINATION

- _____ 1. If Evacuation has occurred, upon order announce reentry plans to evacuees in Mass Care Centers.
- _____ 2. Coordinate transportation needs with Transportation Coordinator.
- _____ 3. Assist with public information.
- _____ 4. Coordinate shutdown of food and fuel distribution systems.
- _____ 5. Inspect, collect and inventory remaining food and other supplies and equipment. Return borrowed equipment.
- _____ 6. Organize records, including records of condition of area property, public and private.
- _____ 7. Complete cleanup operations. Urge evacuees to assist as they prepare to leave.
- _____ 8. Coordinate repair of any damages.
- _____ 9. Complete closing of all facilities.
- _____ 10. Establish emergency feeding and clothing centers as needed.
- _____ 11. Coordinate any needs for emergency housing.
- _____ 12. Continue human locator operations.
- _____ 13. Develop report of damage to the mass care facilities and any extraordinary expenses incurred in the operation.
- _____ 14. Consolidate and secure all records and reports.

APPENDICES

- Appendix 1: Primary and Relief Mass Care Officers
- Appendix 2: Red Cross Contacts
- Appendix 3: Chester County Reception and Mass Care Centers
- Appendix 4: Reception Center Contact
- Appendix 5: Mass Care Center Managers

APPENDIX 1

MASS CARE GROUP CHIEF

PRIMARY AND RELIEF MASS CARE GROUP CHIEF*

MASS CARE/SHELTER

Thomas Burd
Peter Perry
Mahlon Fiscell
Wayne Stevenson

APPENDIX 2
MASS CARE GROUP CHIEF
RED CROSS CONTACTS

TBD

APPENDIX 3

MASS CARE GROUP CHIEF

CHESTER COUNTY RECEPTION AND MASS CARE CENTERS

I. RECEPTION CENTER: Morgan Corporation (Located in Berks County, but operated under the direction of Chester County DES)

<u>A. Assigned Municipalities</u>	<u>Evacuating Population</u>	<u>Mass Care Requirement</u>
1. North Coventry Township*	3000	1500
2. South Coventry Township*	956	478
3. East Nantmeal Township*	732	366
4. Warwick Township	2115	1058
5. East Coventry Township	<u>4085</u>	<u>2043</u>
Total	10,888	5445

<u>B. Assigned Mass Care Centers</u>	<u>Capacity</u>
1. Octorara Middle School	3999
2. Octorara High School	<u>3999</u>
Total	7998

II. RECEPTION CENTER: Downingtown High School

<u>A. Assigned Municipalities</u>	<u>Evacuating Population</u>	<u>Mass Care Requirement</u>
1. South Coventry Township*	600	300
2. East Nantmeal Township*	490	245
3. West Vincent Township	1992	996
4. Upper Uwchlan/Uwchlan Township	<u>1353</u>	<u>677</u>
Total	4435	2218

<u>B. Assigned Mass Care Centers</u>	<u>Capacity</u>
1. Gordon Jr. High School	798
2. South Brandywine Jr. High School	<u>2034</u>
Total	2832

* Other portions of these municipalities are assigned to another reception center. See Evacuation Plan Map, Annex W, Appendix 3.

III. RECEPTION CENTER: Exton Square Mall

<u>A. Assigned Municipalities</u>	<u>Evacuating Population</u>	<u>Mass Care Requirement</u>
1. Spring City Borough	3389	1695
2. East Vincent Township	4739	2370
3. East Pikeland Township	4410	2205
4. West Pikeland Township	<u>1536</u>	<u>768</u>
Total	14,074	7038

<u>B. Assigned Mass Care Centers</u>	<u>Capacity</u>
1. Scott Intermediate School	2538
2. Carl Benner Jr. High School	1175
3. Stetson Middle School	1400
4. Unionville - Chadds Ford Middle School	2008
5. Unionville Elementary School	<u>2046</u>
Total	9167

IV. RECEPTION CENTER: Stetson Middle School

<u>A. Assigned Municipalities</u>	<u>Evacuating Population</u>	<u>Mass Care Requirement</u>
1. Charlestown Township	2770	1385
2. Schuylkill Township	5993	2997
3. Phoenixville Borough	<u>14,165</u>	<u>7083</u>
Total	22,928	11,465

<u>B. Assigned Mass Care Centers</u>	<u>Capacity</u>
1. Kennett Jr/Sr High School	3483
2. Mary D. Long Elementary School	1800
3. Avon Grove Jr/Sr High School	2261
4. Fred S. Engle Middle School	3065
5. Lincoln University	<u>3996</u>
Total	14,605

Summary:

Total Evacuating Population: 56,489
 Total Mass Care Requirement: 28,245
 Total Designated Mass Care Space: 34,602

NOTE: The first two mass care facilities listed under each reception center are the "primary" mass care centers. These centers will be the first activated.

APPENDIX 4
MASS CARE GROUP CHIEF
RECEPTION CENTER CONTACTS

TBD

APPENDIX 5

— MASS CARE GROUP CHIEF

MASS CARE CENTER MANAGERS

TBD

CHESTER COUNTY DEPARTMENT OF EMERGENCY SERVICES

IMPLEMENTING PROCEDURES

RADIOLOGICAL OFFICER

I. PURPOSE

The purpose of these procedures is to support Chester County's response to an incident at the Limerick Generating Station, providing for the radiological protection of the general public and offsite emergency workers, including decontamination monitoring.

II. REFERENCES

- A. Annex M, Chester County Limerick RERP
- B. Decontamination Monitoring Station Standard Operating Procedure
- C. EOC Message Flow Standard Operating Procedure

III. RESPONSIBILITIES

- A. Chester County Department of Emergency Services

The Chester County DES 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; decontamination, as necessary, of personnel and related items; appropriate medical referrals for further monitoring, decontamination and treatment; maintenance of records concerning dosimetry, chargers, survey meters, and KI in tablet form, and of supplies of related record keeping forms stored in central locations or predistributed to municipalities and decontamination stations; maintenance of a radiological exposure record system; 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 with periodic situation reports including incident assessment and plume exposure information; specifies procedures for decontamination of emergency personnel and their clothing; assists FRMAP (Federal Radiation 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.

D. Municipal Governments

Each municipal government within the plume exposure pathway EPZ will assist the county in issuing dosimetry and thyroid blocking drugs to emergency workers within its area at the SITE EMERGENCY classification.

E. Emergency Workers

In addition to the performance of assigned tasks, emergency workers are responsible for utilizing their dosimeters, thyroid blocking drugs and Dosimetry-KI Report Form as prescribed and for undergoing decontamination monitoring.

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. Emergency workers should strive to keep any exposure as low as reasonably achievable.

F. Decontamination Monitoring Teams

Decontamination monitoring teams will monitor 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 Annex M of the Basic Plan.

IV. OPERATIONAL PROCEDURES

A. UNUSUAL EVENT

No action necessary.

B. ALERT

- _____ 1. Report to the Chester County EOC if requested.
(time completed)
- _____ 2. Notify the relief Radiological Officer and the Hazardous Materials Group and place on standby status (reference Appendix 1).
- _____ 3. Coordinate with the Police Services Group Chief to ensure that Chester County vehicles and personnel are dispatched to the County EOC to pick up and deliver kits of dosimeters, KI, survey meters and forms not pre-distributed.
- _____ 4. Prepare packages of dosimeters, KI, survey meters and appropriate forms for distribution (reference Appendix 2).
- _____ 5. When transport personnel arrive at the County EOC, complete the packaging of municipal materials and provide directions to the municipal EOC's (coordinate with the DES Director) (reference Appendix 3).
- _____ 6. Package control TLD's received from municipal EOC's, complete "Control TLD Form" and forward to PEMA as directed (reference Appendix 4).
- _____ 7. Review procedures for SITE EMERGENCY.
- _____ 8. Maintain ALERT status until incident escalation or reduction or termination.

NOTES:

C. SITE EMERGENCY

- _____ 1. Report to the County EOC and complete all procedures for ALERT.
(time completed)
- _____ 2. Notify the relief Radiological Officer and the Hazardous Materials Group, placing on standby status, and prepare for extended (12-hour shift) operations (reference Appendix 1).
- _____ 3. Coordinate with the DES Director to ensure that municipal EMA coordinators have the required dosimeters, KI, and survey meters, that dosimeters have been charged and distributed to municipal emergency workers, and that supplies on hand are adequate to meet municipal needs. Respond to any unmet municipal needs.
- _____ 4. Ensure the collection of all control TLD's and their removal from the EPZ.
- _____ 5. Coordinate with other EOC Officers, ensuring that all are aware that KI should be administered by emergency workers only upon direction of the Secretary of Health, and advising them of emergency worker dosimetry reading and record keeping requirements (reference Appendix 5).
- _____ 6. Review policies and procedures regarding dosimeters, thyroid blocking drugs, and protective actions for emergency workers (reference Annex M to the Basic Plan).
- _____ 7. Prepare map/status board displays in the EOC plotting plume projections, incident assessment, and other radiological information as received from BRP, PEMA and the Limerick facility.

- _____ 8. Coordinate with the Fire/Rescue Group Chief to alert decontamination monitoring teams assigned to emergency worker decontamination stations and mass care centers and place them on standby status (reference Appendix 6).
- _____ 9. Notify emergency worker decontamination stations and place on standby status (reference Appendix 7).
- _____ 10. Review procedures for GENERAL EMERGENCY.
- _____ 11. Maintain SITE EMERGENCY status until incident escalation or reduction or termination.

NOTES:

D. GENERAL EMERGENCY

- _____ 1. Report to the County EOC and complete all procedures for ALERT
(time
completed) and SITE EMERGENCY.
- _____ 2. Notify the relief Radiological Officer and the Hazardous
Materials Group, placing on standby status, and prepare for
extended (12-hour shift) operations (reference Appendix 1).
- _____ 3. Prepare map/status board displays in the EOC plotting plume
projections, incident assessment and other radiological
information as received from BRP, PEMA, and the Limerick
facility.
- _____ 4. Provide input and assistance to the DES Director and County
Commissioners regarding protective action recommendations.
5. If Sheltering is directed:
 - _____ a. Coordinate with the Fire/Rescue Group Chief to mobilize
decontamination monitoring teams assigned to emergency
worker decontamination stations (reference Appendix 6).
 - _____ b. Contact and mobilize emergency worker decontamination
stations (reference Appendix 7).
 - _____ c. Coordinate with all EOC Officers to ensure that emergency
workers are reading dosimeters and recording dosimeter
readings. Ensure that protective action guidelines for
emergency workers have been relayed to emergency workers and
their supervisors by their respective EOC Officers
(reference Appendix 5).
 - _____ d. If the event is a contaminating incident, coordinate with
other EOC Officers to ensure that as emergency workers

complete missions inside the plume EPZ, they report to one of the emergency worker decontamination stations (reference Appendix 7). Following decontamination monitoring, they should report to their designated relocation station outside the EPZ.

- _____ e. Relay recommendations received from the Secretary of Health regarding thyroid blocking drugs to all EOC staff immediately upon receipt. Ensure that the recommendation is provided to all emergency workers.
 - _____ f. Maintain and log reports received from decontamination stations.
 - _____ g. Provide periodic status reports to the EMA Director.
 - _____ h. Upon the suspension of the Sheltering directive, maintain GENERAL EMERGENCY status.
6. If Evacuation is directed:
- _____ a. Coordinate with the Fire/Rescue Group Chief to mobilize decontamination monitoring teams assigned to emergency worker decontamination stations and those mass care centers to be activated immediately. Coordinate with the Mass Care Officer so that, as additional mass care centers are activated, adequate decontamination teams are mobilized.
 - _____ b. Contact and mobilize emergency worker decontamination stations (reference Appendix 7).
 - _____ c. Coordinate with all EOC Officers to ensure that emergency workers are reading dosimeters and recording dosimeter readings. Ensure that protective action guidelines for emergency workers have been relayed to emergency workers and their supervisors by their respective EOC Officers (reference Appendix 5).

- _____ d. If the event is a contaminating incident, coordinate with other EOC Officers to ensure that as emergency workers complete missions inside the plume EPZ, they report to one of the emergency worker decontamination stations (reference Appendix 7). Following decontamination monitoring, they should report to their designated relocation station outside the EPZ.

- _____ e. Relay recommendations received from the Secretary of Health regarding thyroid blocking drugs to all EOC staff immediately upon receipt. Ensure that the recommendation is provided to all emergency workers.

- _____ f. Maintain and log reports received from emergency worker decontamination stations and mass care centers. (NOTE: decontamination monitoring teams, even though they may be operating in a mass care center, are under the direction and control of the Radiological Officer.)

- _____ g. Provide periodic status reports to the EMA Director.

- _____ h. Upon completion of the evacuation, maintain GENERAL EMERGENCY status. Coordinate with other EOC Officers and field supervisors to obtain radiation exposure records and TLDs from emergency workers.

NOTES:

E. INCIDENT TERMINATION

- _____ 1. Receive and log all information on exposure assessments. Assist in damage assessment.
- _____ 2. Provide monitoring assistance as requested.
- _____ 3. Support decontamination procedures as needed.
- _____ 4. Consolidate and secure records and reports.

APPENDICES

- Appendix 1: Primary and Relief Radiological Officers
- Appendix 2: Dosimeter, KI, Survey Meter Distribution List
- Appendix 3: Chester County Municipal EOC Locations
- Appendix 4: Control TLD Information
- Appendix 5: Dosimeter Reading, Record Keeping and Protective Action Options
- Appendix 6: Decontamination Monitoring Team Assignments
- Appendix 7: Emergency Worker Decontamination Stations

APPENDIX 1

RADIOLOGICAL OFFICER

PRIMARY AND RELIEF RADIOLOGICAL OFFICERS*

RADIOLOGICAL

Walt Leuchak
Dave Jackson

APPENDIX 2

RADIOLOGICAL OFFICER

DOSIMETER, POTASSIUM IODIDE, SURVEY METER DISTRIBUTION LIST

Distribution Scheme: Dosimetry, KI tablets, and survey meters are pre-distributed to municipalities by the Chester County Department of Emergency Services. Should an incident occur at the Limerick Generating Station, each agency and municipality listed below will have or will receive at the ALERT classification equipment and KI from the Chester County EOC. Municipal governments will receive dosimetry and KI for all emergency organizations in their areas (as shown on the list below) and will distribute to these organizations at Site Emergency.

- A. In the following list, a unit of dosimetry-KI consists of: one CD V-730 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</u> <u>Dosimetry-KI</u>	<u>CD V-750</u>
1. Chester County Emergency Management Agency.....	200	20
2. USDA County Agent..... (For farmers who keep livestock)	200	5
3. Amounts for Phoenixville Borough Emergency Management Agency.....	161	7
Distributed as follows:		
a. Borough EOC	37	1
b. Fire Dept.	75	3
c. Community Emergency Medical Service (Ambulance)	10	1
d. Public works	15	1
e. Police	24	
4. Amounts for Spring City Borough EMA.....	160	5
a. Borough EOC	22	1
b. Fire (Liberty Fire Company)	50	1
c. Police	11	1
d. Ambulance and Rescue (Springford)	65	1
e. Public Works	12	1

	<u>Units of Dosimetry-KI</u>	<u>CD V-750</u>
5. Amounts for Charlestown Township EMA.....	59	3
a. Municipal EOC	23	1
b. Public Works	6	1
c. East Whiteland	30	1
6. Amounts for East Coventry Township EMA.....	50	4
a. Municipal EOC	9	1
b. Police	1	1
c. Fire (Ridge Fire Co.)	35	1
d. Public Works	5	1
7. Amounts for East Nantmeal Township EOC.....	75	4
a. Municipal EOC	17	1
b. Public Works	8	1
c. Glenmoore Fire Company	50	2
8. Amounts for East Pikeland Township EOC.....	81	4
a. Municipal EOC	17	1
b. Fire (Kimberton)	45	1
c. Police	13	1
d. Public Works	6	1
9. Amounts for East Vincent Township EOC.....	46	4
a. Municipal EOC	12	1
b. Police	4	1
c. Public Works	10	1
d. Pennhurst Center	20	1
10. Amounts for North Coventry Township EOC.....	50	3
a. Municipal EOC	15	1
b. Fire (Norco)	30	1
c. Police	5	1
11. Amounts for Schuylkill Township EOC.....	69	4
a. Municipal EOC	19	1
b. Fire (Valley Forge VFC)	25	1
c. Police	5	1
d. Public	20	1

12. Amounts for South Coventry Township EOC.....	16	1
a. Municipal EOC	16	1
13. Amounts for Upper Uwchlan/Uwchlan Twp. EOC.....	124	6
a. Municipal EOC	20	1
b. Fire (Lionville Fire Co.)	55	2
c. Police (Uwhclan P.D.)	19	1
d. Ambulance	20	1
e. Public Works	10	1
14. Amounts for Warwick Township EOC.....	69	2
a. Municipal EOC	12	1
b. Public Works	7	1
c. Elverson Fire Company	50	2
15. Amounts for West Pikeland Township EOC.....	22	3
a. Municipal EOC	14	1
b. Public Works	5	1
c. Police	3	1
16. Amounts for West Vincent Township EOC.....	75	5
a. Municipal EOC	15	1
b. Fire (Ludwigs Corner F.D)	50	2
c. Police	5	1
d. Public Works	5	1
18. For Transportation Staging Areas..... (incoming emergency vehicles - see Annex I)	200	5
SUBTOTAL.....	1657	85

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.

	Units of <u>Dosimetry-KI</u>	<u>CD V-750</u>	<u>CD V-700</u>
1. Decontamination Stations for Emergency Workers.....	105	3	30
a. Elverson Fire Dept.	35	1	10
b. Lionville Fire Dept.	35	1	10
c. Valley Forge Fire Dept.	35	1	10
2. Decontamination Centers for the General Public.....	250	30	120
SUBTOTAL.....	355	33	150

C. Hospitals

(Hospitals within the EPZ receive enough units of dosimetry-KI for fifty percent of staff and KI for all patients. KI in this case is in liquid form with a unit of dosimetry-KI being defined as in Section A above.)

1. Phoenixville Hospital

Staff (50%).....	265
Patients.....	195
Required CDV-750's.....	4

D. Recapitulation of Chester County Total Dosimetry-KI-Survey Meter Needs:

Total CD V-730s -	1922
Total CD-V-742s -	2277
Total TLDS -	2277
Total Units* KI (Tablets) -	2012
Total Units* KI (Liquid) -	460
Total CD-V-750s -	122
Total Survey Meters -	150

* One unit is a 14-day supply for one person.

APPENDIX 3
 RADIOLOGICAL OFFICER
MUNICIPAL EOC LOCATIONS

Charlestown Township.....	or Great Valley Administration Building	TBD
East Coventry Township.....	Ridge Fire Company	495-6063
East Nantmeal Township.....	Township Bldg., Route 401	458-5780
East Pikeland Township.....	Kimberton Fire Company	933-9961
East Vincent Township.....	Township Bldg., 55 Ridge Road	933-4424
North Coventry Township.....	Township Bldg., 873 S. Hanover St.	323-1694
Phoenixville.....	E. Wing, Phoenixville Hosp, 140 Nutt Rd.	933-8801
Schuylkill Township.....	Township Bldg., 801 Valley Park Rd.	933-5843
South Coventry Township.....	TBD	TBD
Spring City.....	Borough Bldg., Hail & Church Sts.	948-3660
Upper Uwchlan Township.....	Township Building/Route 100	TBD
Uwchlan Township.....	Township Bldg., 715 N. Ship Road	363-9450
Warwick Township.....	Township Building, Warwick	286-5557
West Pikeland Township.....	Pikeland Road/Route 113	827-9218
West Vincent Township.....	Township Building, Birchrunville	827-7932

APPENDIX 4

RADIOLOGICAL OFFICER

CONTROL TLD INFORMATION

1. In the event of an incident, the County DES 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 County DES 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 county 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 the 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 County DES will ensure that the control TLDs are not exposed to radiation other than background radiation. The County DES will arrange to collect all control TLD's inside the EPZ at the time of the incident.

APPENDIX 5

RADIOLOGICAL OFFICER

DOSIMETER READING, 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.
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

*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.

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 offsite 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 by chromosome analysis or other specialized analysis.
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.

3. Genetic Effects of Radiation

Radiation exposure of reproductive cells of the ovary and testis causes gene and chromosome abnormalities (mutation). Persons

*Information derived from "Basic Radiation Protection Criteria," National Council on Radiation Protection and Measurements Report Number 39, Bethesda, Maryland, March 1, 1982.

exposed to any 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 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 DES 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 TLD 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.

APPENDIX 6
RADIOLOGICAL OFFICER
DECONTAMINATION MONITORING TEAM ASSIGNMENTS

-TBD-

APPENDIX 7

RADIOLOGICAL OFFICER

EMERGENCY WORKER DECONTAMINATION STATIONS

1. Elverson Fire Company (Station 32)
P. O. Box 181
Elverson, PA 19520
2. Lionville Fire Company (Station 47)
Village Avenue
Lionville, PA 19353
3. Valley Forge Volunteer Fire Co. (Station 68)
Valley Park Road
Valley Forge, PA 19481

CHESTER COUNTY DEPARTMENT OF EMERGENCY SERVICES

IMPLEMENTING PROCEDURE

TRANSPORTATION GROUP CHIEF

I. PURPOSE

The purpose of this procedure is to support Chester County's response to an incident at the Limerick Generating Station, assuring the provision of adequate transportation resources to Chester County residents located within the plume exposure pathway emergency planning zone and supporting the transportation needs of other risk counties when possible.

II. REFERENCES

- A. Annex I, Chester County Limerick RERP
- B. Annex G, Chester County Limerick RERP
- C. Transportation Staging Area Manager Standard Operating Procedure
- D. EOC Message Flow Standard Operating Procedure

III. RESPONSIBILITIES

- A. Each risk municipality is responsible for developing and maintaining a list of individuals requiring transportation assistance in an evacuation.
- B. The Chester County Transportation Coordinator is responsible for identifying transportation needs and for coordinating resources necessary to meet those needs.

IV. OPERATIONAL PROCEDURES

A. UNUSUAL EVENT

No action necessary.

B. ALERT

- _____ 1. Report to the EOC if requested by the DES Director.
(time completed)
- _____ 2. Notify relief transportation staff and place on standby status (reference Appendix 1).
- _____ 3. Ensure that the Medical/EMS Group has notified risk and support ambulance services.
- _____ 4. Coordinate with the School Services Officer in identifying school district transportation needs and resources.
- _____ 5. Contact risk municipalities and request updated list of municipal transportation needs (reference Appendix 2).
- _____ 6. Contact public transportation providers (bus, rail and air) and advise them of the ALERT. No re-scheduling or re-routing of scheduled transportation is necessary at this stage (reference Appendix 3).
- _____ 7. Contact all Chester County transportation resources, advise them of the incident, determine the number of vehicles and drivers available, and place on standby status (reference Appendix 4).
- _____ 8. Notify transportation staging area coordinators and place on standby status (reference Appendix 5).

_____ 9. Review procedures for SITE EMERGENCY.

_____ 10. Maintain ALERT status until incident escalation or reduction or termination.

NOTES:

C. SITE EMERGENCY

- _____ 1. Report to the EOC.
(time completed)
- _____ 2. Notify relief transportation staff, mobilize assistants as needed, place remainder on standby status and prepare for extended (12-hour shift) operations (reference Appendix 1).
- _____ 3. Notify transportation staging areas and place on standby status (reference Appendix 5).
- _____ 4. Contact County transportation staging area staff and place them on standby status (reference Appendix 6).
- _____ 5. Coordinate with the Alerting and Communications Group Chief to ensure that a ARES unit has been assigned to each staging area and is ready for mobilization.
- _____ 6. Coordinate with the Radiological Officer to ensure that KI and dosimeters for transportation providers are packaged and ready for delivery to staging areas.
- _____ 7. Contact risk municipalities and request an updated list of municipal transportation needs (reference Appendix 2).
- _____ 8. Coordinate with the School Services Officer to ensure that school evacuation vehicles have been placed on standby status.
- _____ 9. Coordinate with the Medical/EMS Group Chief to ensure that risk and support ambulance services have been mobilized and all other county ambulance services have been placed on standby status.
- _____ 10. Contact both assigned and non-assigned Chester County transportation resources, advise them of the SITE EMERGENCY, confirm

the availability of vehicles and drivers, and maintain on standby status (reference Appendix 4).

- _____ 11. Contact public transportation providers (bus, rail, air) and advise them of the SITE EMERGENCY. No re-scheduling or re-routing of scheduled services should be required at this time (reference Appendix 3).

- _____ 12. PEMA Eastern Area will relay unmet transportation needs from other risk counties. The risk counties may also relay such unmet needs directly. Prepare tentative assignments of uncommitted Chester County transportation resources to address unmet needs in coordination with the Medical Group Chief. Provide copies to the DES Director.

- _____ 13. If it is indicated by the DES Director that transportation resources and staging areas should be mobilized at this stage, follow appropriate procedures under GENERAL EMERGENCY.

- _____ 14. Review all procedures for GENERAL EMERGENCY.

- _____ 15. Maintain SITE EMERGENCY status until incident escalation or reduction or termination.

NOTES:

D. GENERAL EMERGENCY

- _____ 1. Report to the EOC.
(time completed)
- _____ 2. Notify relief transportation staff, mobilize assistants as needed, place remainder on standby status and implement extended (12-hour shift) operations.
- _____ 3. Notify and activate transportation staging areas (reference Appendix 5).
- _____ 4. Mobilize transportation staging area staff (reference Appendix 6).
- _____ 5. Coordinate with the Alerting and Communications Group Chief to ensure the dispatch of a ARES unit to each county staging area.
- _____ 6. Coordinate with the Radiological Officer to ensure that KI and dosimeters for transportation providers are delivered to staging areas. NOTE: KI and dosimeters are to be provided only to crews of vehicles making return trips into the EPZ.
7. If a General Evacuation is ordered or recommended:
 - _____ a. Coordinate with the Medical/EMS Group Chief to ensure the dispatch of ambulances adequate to evacuate handicapped and homebound individuals.
 - _____ b. If school is in session, coordinate with the School Services Officer to ensure that school buses have been dispatched to their assigned schools.
 - _____ c. Dispatch all pre-assigned transportation resources to their assigned locations (reference Appendix 4).

- _____ d. Dispatch non-assigned transportation resources as necessary to meet unmet needs of risk municipalities and other risk counties (reference Appendix 4). All non-assigned transportation resources should report to one of the two transportation staging areas (reference Appendix 5).

- _____ e. Coordinate with the Medical Group Chief to ensure the dispatch of non-assigned ambulances as necessary to meet unmet needs of risk municipalities and other risk counties. All non-assigned ambulances should report to one of the two staging areas (reference Appendix 5).

- _____ f. As transportation resources arrive at staging areas, dispatch as necessary to address unmet needs. The first priority is Chester County municipalities with unmet needs.

- g. As transportation resources complete their assignments and report in, they should be directed to:
 - _____ (1) Return to a staging area in order to receive another assignment, or;

NOTE: Ensure that crews of any transportation resources making return trips into the EPZ receive dosimeters and KI from staging area staff.

 - _____ (2) Return to quarters, or;

 - _____ (3) Report to an emergency worker monitoring/decontamination station if this is directed by the Radiological Officer (reference Appendix 7).

- _____ h. Report any County unmet transportation needs to PEMA via the DES Director.

8. If Sheltering is the recommended protective action:

- _____ a. Notify all pre-assigned and non-assigned transportation resources (reference Appendix 4) and maintain on standby status.
- _____ b. Notify Transportation Staging Areas and maintain in a state of readiness (reference Appendix 5).
- _____ c. Notify staging area staff and maintain in a state of readiness (reference Appendix 6).

9. If a Selective Evacuation is ordered or recommended:

- _____ a. Dispatch transportation resources as necessary to respond to municipal unmet needs.
- _____ b. Maintain Staging Areas in a state of readiness (reference Appendix 5).
- _____ c. Maintain staging area staff in a state of readiness (reference Appendix 6).

_____ 10. In the event of any protective action, verify notification of public transportation providers (bus, rail and air) and advise them to re-route all scheduled service around the EPZ (reference Appendix 3).

_____ 11. Provide periodic status reports to the Operations Officer.

_____ 12. Maintain GENERAL EMERGENCY status until incident reduction or termination.

APPENDICES

- Appendix 1: Chester County Transportation Coordinator and Staff
- Appendix 2: Risk Municipalities in Chester County
- Appendix 3: Public Transportation Providers
- Appendix 4: Chester County Transportation Resources
- Appendix 5: Chester County Transportation Staging Areas
- Appendix 6: Staging Area Staff
- Appendix 7: Emergency Worker Monitoring/Decontamination Stations

APPENDIX 1

TRANSPORTATION COORDINATOR

CHESTER COUNTY TRANSPORTATION COORDINATOR AND STAFF*

TRANSPORTATION

George Fasic
Wayne Clapp

APPENDIX 2

TRANSPORTATION COORDINATOR

CHESTER COUNTY RISK MUNICIPALITIES

<u>Municipality</u>	<u>Risk Population</u>
1. Charlestown Township	2770
2. East Coventry Township	4085
3. East Nantmeal Township	1222
4. East Pikeland Township	4410
5. East Vincent Township	4739
6. North Coventry Township	7164
7. Phoenixville Borough	14165
8. Schuylkill Township	5993
9. South Coventry Township	1556
10. Spring City Borough	3389
11. Upper Uwchlan Township	1103
12. Uwchlan Township	250
13. Warwick Township	2115
14. West Pikeland Township	1536
15. West Vincent Township	1992

APPENDIX 4

TRANSPORTATION COORDINATOR

CHESTER COUNTY TRANSPORTATION RESOURCES

I. AMBULANCE RESOURCES

	<u>Total</u>
1. Berwyn Fire Company	2
2. Paoli Fire Company	1
3. Malvern Fire Company	2
4. East Whiteland Fire Company	1
5. Union Fire Company No. 1	2
6. West Grove Fire Company	2
7. Avondale Fire Company	1
8. Kennett Fire Company No. 1	2
9. Parksburg Fire Company	2
10. Pomeroy Fire Company	1
11. Elverson Fire Company	2
12. Honeybrook Fire Company	2
13. Martins Corner Fire Company	2
14. Unionville Ambulance Corp.	1
15. Modena Fire Company	2
16. Washington Hose Fire Co. No. 1	2
17. West End Fire Company No. 3	1
18. Minquas Fire Company No. 2	2
19. Uwchlan Ambulance Corps.	2
20. Goshen Fire Company	3
21. Good Fellowship Ambulance Club	5
22. West End Fire Company #3 Ambulance	3
23. Spring Ford Ambulance & Rescue	1
24. Spring City Ambulance	1
	<hr/>
TOTAL AMBULANCES	45

II. BUS RESOURCES

Total

Name:
Address:

APPENDIX 5

TRANSPORTATION COORDINATOR

CHESTER COUNTY TRANSPORTATION STAGING AREAS

Exxon Office Systems Incorporated
Gordon Drive
Lionville

-TBD-

APPENDIX 6
TRANSPORTATION COORDINATOR
STAGING AREA STAFF

-TBD-

APPENDIX 7

TRANSPORTATION COORDINATOR

EMERGENCY WORKER MONITORING/DECONTAMINATION STATIONS

1. Elverson Fire Company (Station 32)
P. O. Box 181
Elverson, PA 19520
2. Lionville Fire Company (Station 47)
Village Avenue
Lionville, PA 19353
3. Valley Forge Volunteer Fire Co. (Station 68)
Valley Park Road
Valley Forge, PA 19481

CHESTER COUNTY DEPARTMENT OF EMERGENCY SERVICES

IMPLEMENTING PROCEDURE

SCHOOL SERVICES OFFICER

I. PURPOSE

The purpose of this procedure is to support Chester County's response to an incident at the Limerick Generating Station, ensuring the continued safety of school children, faculty and staff within the plume exposure pathway emergency planning zone.

II. REFERENCES

- A. Annex N, Chester County Limerick RERP
- B. EOC Message Flow Standard Operating Procedure

III. RESPONSIBILITIES

- A. The Superintendents of risk school districts are responsible for:
 - 1. Establishing procedures for the receipt and dissemination of emergency school information.
 - 2. Providing for the transportation of school students in the event of an evacuation.
- B. School students will remain the responsibility of the risk school district until released to parents or guardians or until other duly authorized individuals assume responsibility.
- C. The School Services Officer is responsible for:
 - 1. Ensuring notification of risk school districts and private schools.

2. Ensuring notification of host schools.
3. Ensuring notification of colleges, private schools and parochial schools.
4. Convey protective action recommendations from PEMA and the Bureau of Radiation Protection.
5. Respond to unmet needs of risk and host schools.

IV. OPERATIONAL PROCEDURES - SCHOOL IN SESSION

A. UNUSUAL EVENT

No action necessary.

B. ALERT - School In Session

- _____ 1. Report to the County EOC if requested by the DES Director.
(time completed)
- _____ 2. Notify the relief School Services Officer to stand by (reference Appendix 1).
- _____ 3. Verify notification and brief all risk school district superintendents, and have them brief their risk building principals (reference Appendix 2).
- _____ 4. Verify notification and brief all risk private school administrators (reference Appendix 2).
- _____ 5. Notify and brief host school administrators (reference Appendix 3).
- _____ 6. Notify the college, all non-public schools and vo-tech schools located outside the EPZ to hold students who live within the EPZ, and not discharge them to return to the risk area (reference Appendix 4).
- _____ 7. Ensure that risk school district superintendents and private school administrators have cancelled special events and activities (i.e., athletic events, field trips) and notified school transportation providers. Obtain an updated student census for all risk school buildings (reference Appendix 2).

- _____ 8. Coordinate any public notifications with risk school officials and the County Public Information Group Chief.
- _____ 9. Review procedures for SITE EMERGENCY.
- _____ 10. Maintain ALERT status until incident reduction or termination or escalation.

NOTES:

C. SITE EMERGENCY - School In Session

- _____ 1. Report to the Chester County EOC.
(time
completed)
- _____ 2. Notify the relief School Services Officer to stand by and prepare for extended (12-hour shift) operations (reference Appendix 1).
3. Notify all risk school district superintendents and risk private schools and have them:

 - _____ a. Place risk building principals and staff on standby status, confirming host school locations with building principals;
 - _____ b. Update student census and transportation needs for each risk building;
 - _____ c. Place transportation resources on standby;
 - _____ d. Identify and report any unmet transportation needs (reference Appendix 2).
- _____ 4. Notify host schools and place on standby status (reference Appendix 3).
- _____ 5. Notify the college, all non-public schools and vo-tech schools located outside the EPZ to hold students who live within the EPZ, and not discharge them to return to the risk area (reference Appendix 4).
- _____ 6. Respond to any unmet needs as reported by risk schools. Coordinate any response to unmet transportation needs with the Transportation Group Chief.

- _____ 7. Coordinate any public notifications with risk school officials and the Chester County Public Information Group Chief.
- _____ 8. Review procedures for GENERAL EMERGENCY.
- _____ 9. Maintain SITE EMERGENCY status until incident reduction or termination or escalation.

NOTES:

D. GENERAL EMERGENCY - School In Session

- _____ 1. Report to the Chester County EOC.
(time
completed)
- _____ 2. Notify the relief School Services Officer and place on standby status, implementing extended (12-hour shift) operations (reference Appendix 1).
- _____ 3. Notify all risk public and private schools, ensuring that schools are mobilizing and positioning their transportation resources at the risk buildings (reference Appendix 2).
- _____ 4. Coordinate with the Transportation Officer to ensure that necessary non-school district transportation resources have been mobilized and positioned.
- _____ 5. Notify the college, all non-public schools and vo-tech schools located outside the EPZ to hold students who live within the EPZ, and not discharge them to return to the risk area (reference Appendix 4).
- _____ 6. Relay protective action recommendations to risk school district superintendents and risk private school administrators as received from PEMA, PDE or the Chester County Commissioners.
- _____ 7. Coordinate with the Alerting and Communications Group Chief to request the dispatch of a ARES mobile unit to each risk school building without radio-equipped buses to assure a single radio-equipped vehicle for each facility.
8. If Sheltering is the recommended protective action:
 - _____ a. Notify risk school superintendents and risk private schools (reference Appendix 2);

- _____ b. Ensure that buses are scheduled for delayed dismissal following suspension of the Sheltering advisory;
 - _____ c. Recommend that risk schools implement steps to serve as short-term mass care centers if the length of the Sheltering advisory so indicates (coordinate with the Mass Care Officer);
 - _____ d. Relay orders for the suspension of the Sheltering directive when received.
9. If Evacuation is the recommended protective action:
- _____ a. Notify risk school superintendents and risk private school administrators (reference Appendix 2);
 - _____ b. Notify host schools and direct them to mobilize to receive evacuee students (reference Appendix 3);
 - _____ c. Notify the college, non-public schools and private schools located outside the EPZ to hold students who live within the EPZ and not discharge them into the evacuated area;
 - _____ d. Coordinate with the Transportation Group Chief regarding the assignment of any additional transportation resources necessary to complete school evacuation;
 - _____ e. Monitor the status of school evacuation and provide periodic reports to the Operations Officer and host school officials;
 - _____ f. Coordinate with the Transportation Group Chief to ensure the availability of adequate buses to move remaining students from host schools to mass care centers at approximately 8:00 p.m.

- _____ 10. When the protective action (Sheltering or Evacuation) is complete, refer to appropriate procedures for "School Not In Session."

- _____ 11. Maintain status until incident reduction or termination.

NOTES:

V. OPERATIONAL PROCEDURES - SCHOOL NOT IN SESSION

A. UNUSUAL EVENT

No action necessary.

B. ALERT - School Not In Session

- _____ 1. Report to the Chester County EOC if requested by the DES
(time Director.
completed)
- _____ 2. Notify the relief School Services Officer to stand by (reference Appendix 1).
- _____ 3. Notify and brief risk school district superintendents and risk private school administrators (reference Appendix 2). Ascertain if their facilities are in use (group, number, transportation needed, etc.).
- _____ 4. Direct risk school district superintendents and risk private school administrators to notify building principals and cancel all special events/activities.
- _____ 5. Review procedures for SITE EMERGENCY.
- _____ 6. Maintain ALERT status until incident reduction or termination or escalation.

NOTES:

C. SITE EMERGENCY - School Not In Session

- _____ 1. Report to the Chester County EOC.
(time
completed)
- _____ 2. Notify the relief School Services Officer, place on standby status and prepare for extended (12-hour shift) operations (reference Appendix 1).
- _____ 3. Notify risk school district superintendents and risk private school administrators, directing them to contact risk building principals and have them cancel all special events/activities, vacating all risk buildings (reference Appendix 2).
- _____ 4. Relay any recommendations from PEMA, PDE or the Chester County Commissioners regarding school closing for the following day(s).
- _____ 5. Coordinate with the County Public Information Group Chief regarding public information statements and EBS messages specific to schools.
- _____ 6. Review procedures for GENERAL EMERGENCY.
- _____ 7. Maintain SITE EMERGENCY status until incident termination or reduction or escalation.

NOTES:

D. GENERAL EMERGENCY - School Not In Session

- _____ 1. Report to the Chester County EOC.
(time
completed)
- _____ 2. Notify the relief School Services Officer, place on standby status and implement extended (12-hour shift) operations (reference Appendix 1).
- _____ 3. Notify risk school district superintendents and risk private school administrators, directing them to contact risk building administrators, having them cancel all special events/activities and vacate and secure all risk buildings (reference Appendix 2).
- _____ 4. If a protective action (Sheltering or Evacuation) is ordered or recommended, coordinate with the DES Director to designate a reception center to which any faculty or students outside the EPZ at a school-sanctioned special event (field trips, athletic events) should report upon their return.
- _____ 5. If a protective action is ordered or recommended, contact risk district superintendents and risk private school administrators and direct them to notify building administrators and implement protective actions as directed.
- _____ 6. If an evacuation is ordered, notify risk school district superintendents and private school administrators, conveying recommendations regarding school cancellation, obtaining their evacuation locations or temporary administrative headquarters, and direct them to notify parents and staff as per normal district procedures.
- _____ 7. Coordinate with the County Public Information Group Chief regarding public information announcements or EBS messages specific to schools.

- _____ 8. Maintain GENERAL EMERGENCY status, providing periodic status reports to risk district superintendents/administrators at their evacuation locations, until incident reduction or termination.

NOTES:

APPENDICES

Appendix 1: Chester County School Services Officer and Staff

Appendix 2: Risk School Information Summary

Appendix 3: School Evacuation Routes and Host Schools

Appendix 4: School Bus Resource Information

APPENDIX 1

SCHOOL SERVICES OFFICER

SCHOOL SERVICES OFFICER AND STAFF*

SCHOOL SERVICES
Harry Shreiner

APPENDIX 2

SCHOOL SERVICES OFFICER

RISK SCHOOLS INFORMATION SUMMARY

I. PUBLIC SCHOOLS

- A. District: DOWNINGTOWN AREA SCHOOL DISTRICT
Address: 122 Wallace Avenue
Downingtown, PA 19335
Telephone: 215/269-8460
Contact: Walter Hessinger, Superintendent
Total Students in EPZ: 522
Schools in the EPZ: Pickering Valley Elementary School
- B. District: GREAT VALLEY SCHOOL DISTRICT
Address: DeVault, PA 19432
Telephone: 215/935-7140
Contact: Dr. Richard Bauer, Superintendent
Total Students in EPZ: 292
Schools in the EPZ: Charlestown Elementary
- C. District: OWEN J. ROBERTS SCHOOL DISTRICT
Address: R.D. 1
Pottstown, PA 19464
Telephone: 215/469-6261
Contact: Dr. Roy C. Claypool, Superintendent
Total Students in EPZ: 3600
Schools in the EPZ: Owen J. Roberts Sr. High School (1127)
Owen J. Roberts Middle School (1018)
East Coventry Elementary School (319)
Vincent Elementary School (169)
North Coventry Elementary Schools (573)
French Creek Elementary School (251)
Warwick Elementary School (143)
- D. District: PHOENIXVILLE AREA SCHOOL DISTRICT
Address: 1120 S. Gay Street
Phoenixville, PA 19460
Telephone: 215/933-8861
Contact: Dr. Robert B. Murray, Superintendent
Total Students: 2892
Schools in the EPZ: Phoenixville Area Sr. High School (634)
Phoenixville Area Jr. High School (798)
East Pikeland Elementary School (347)
Samuel K. Barkely Elementary School (366)
Second Avenue School (184)
Schuylkill Elementary School (563)

II. PRIVATE/PAROCHIAL SCHOOLS

- A. Kimberton Farm School
N. Seven Stars Road
Kimberton, PA 19442

Contact: Mr. Edward Hill, Faculty Chairman
Telephone: 933-3635
School District Jurisdiction: Owen J. Roberts
Total Students: 300

- B. Upattinas Open Community School
R. D. #1, Box 378
Greenridge Road
Glenmoore, PA 19343

Contact: Ms. Sandra Hurst, Director
Telephone: 458-5138
School District Jurisdiction: Downingtown
Total Students: 52

- C. Valley Forge Christian Academy
Valley Park and White Horse Roads
Phoenixville, PA 19460

Contact: Mr. Scott Nason, Administrator
Telephone: 933-6287
School District Jurisdiction: Phoenixville
Total Students: 300

- D. Holy Trinity School
221 Dayton Street
Phoenixville, PA 19460

Contact: Sister Mary Damian, CSB, Principal
Telephone: 935-3023
School District Jurisdiction: Phoenixville
Total Students: 70

- E. St. Ann's School
Third Avenue and Buttonwood Street
Phoenixville, PA 19460

Contact: Sister Maria Auxilia, IHM, Principal
Telephone: 933-7562
School District Jurisdiction: Phoenixville
Total Students: 347

- F. St. Basil the Great School
Kimberton Road and Seven Star Road
Kimberton, PA 19442

Contact: Sister Patricia Wichenheiser, ACI, Principal
Telephone: 933-2453
School District Jurisdiction: Phoenixville
Total Students: 162

- G. Saint Mary of the Assumption School
South and Emmitt Street
Phoenixville, PA 19460

Contact: Sister Mary Elise, IHM, Principal
Telephone: 933-9868
School District Jurisdiction: Phoenixville
Total Students: 213

- H. Children's House of North Chester County

Contact: Ms. Caryl Ann Cooper
Telephone: 215/458-8922
School District Jurisdiction: Owen J. Roberts
Total Students: 25

III. OTHER SCHOOLS

- A. Northern Chester County Technical School
Charlestown Road
Phoenixville, PA 19460

Contact: Mr. C. Robert Zimmerman, Director
Telephone: 933-8877
Total Students: 735

- B. Valley Forge Christian College
Charlestown Road
Phoenixville, PA 19460

Contact: Mr. Frank Salvato
Telephone: 935-4050
Total Students: 381

APPENDIX 3

SCHOOL SERVICES OFFICER

SCHOOL EVACUATION ROUTES AND HOST SCHOOLS

<u>Risk Facility</u>	<u>Major Evacuation Route(s)</u>	<u>Host** Facility</u>
A. DOWNINGTOWN SCHOOL DISTRICT		
1. Pickering Valley Elem.*	None	Pickering Valley Elementary
B. GREAT VALLEY SCHOOL DISTRICT		
1. Charlestown Elem.*	None	Charlestown Elementary
C. OWEN J. ROBERTS SCHOOL DISTRICT (all)	23 West Honeybrook Elementary	Twin Valley H.S./Elementary
D. PHOENIXVILLE AREA SCHOOL DISTRICT		
1. Phoenixville Sr. H.S.	23 East	Conestoga Sr. H.S.
2. Phoenixville Jr. H.S.	23 East	Tredyffrin-Eastown Jr. H.S.
3. Schuylkill Elem.	23 East	New Eagle School
4. Barkely Elementary	23 East	Hillside Elementary
5. East Pikeland Elem.	23 East	Valley Forge Elementary
6. Second Avenue School	23 East	Valley Forge Elementary
E. KIMBERTON FARM SCHOOL	Seven Stars Rd to 113 South	(TBD)
F. UPATTINAS SCHOOL	100 South	West Chester University
G. VALLEY FORGE CHRISTIAN COLLEGE	29 South to 202 South	West Chester University
H. VALLEY FORGE CHRISTIAN ACADEMY	23 East	Lansdale Christian Academy
I. HOLY TRINITY SCHOOL	29 South to 352 South	Immaculata College
J. ST. ANN'S SCHOOL	29 South to 352 South	Immaculata College

*Located within the EPZ but beyond ten miles. Students will be retained at their schools for pick up.

**Until agreements have been finalized, these host facilities should be considered "tentative" relocation sites.

	<u>Risk Facility</u>	<u>Major Evacuation Route(s)</u>	<u>Host** Facility</u>
L.	ST. BASIL'S SCHOOL	113 S to 401 S to 202 S to 30 E to 352 S	Immaculata College
M.	ST. MARY'S	29 South to 352 South	Immaculata College
N.	NORTHERN CHESTER CO. AVTS	29 South	Valley Forge Jr. H.S.
O.	ST. JOSEPH'S KINDERGARTEN	724 to 23 East	St. Philip Neri (Lafayette Hills)

*Located within the EPZ but beyond ten miles. Students will be retained at their schools for pick up.

**Until agreements have been finalized, these host facilities should be considered "tentative" relocation sites.

APPENDIX 3

ANNEX N

SCHOOL BUS RESOURCE INFORMATION¹

Risk Facility	Buses Needed for Evacuation	Buses Available	Unmet Need	Source of Unmet Need
A. Downingtown School District	0	53	0	Not Applicable (NA)
1. Pickering Elementary	None		0	NA
B. Great Valley School District	0	40	0	NA
1. Charlestown Elementary	None		0	NA
C. Owen J. Roberts School District	48	29*	25	TBD
1. Owen J. Roberts Sr. H.S.	17	15*	9	TBD
2. Owen J. Roberts Jr. H.S.	7	0	5	TBD
3. East Coventry Elementary	3	1	2	TBD
4. Vincent Elementary	5	3	2	TBD
5. North Coventry Elem. (2)	8	5	3	TBD
6. French Creek Elementary	6	4	2	TBD
7. Warwick Elementary	2	1	1	TBD
D. Phoenixville School District	57	40	17	TBD
1. Phoenixville Area Senior High	14	14	0	NA
2. Phoenixville Area Junior High	18	18	0	NA
3. East Pikeland Elem.	6	6	0	NA
4. Barkley Elementary	7	2	5	TBD
5. Second Avenue School	3	0	3	TBD
6. Schuylkill Elementary	9	0	9	TBD

* Includes Vans.

¹ These are preliminary estimates subject to further school RERP development.

Risk Facility	Buses Needed for Evacuation	Buses Available	Unmet Need	Source of Unmet Need
E. Private/Parochial				
1. Kimberton Farm	8*	3*	5	TBD
2. Upattinas	5*	5*	0	NA
3. Valley Forge Christian Academy	16*	7*	9	TBD
4. Holy Trinity	1	0	1	TBD
5. St. Ann's	6	0	6	TBD
6. St. Basil	3	0	3	TBD
7. St. Mary	4	0	4	TBD
8. Northern Chester AVTS	8	110**	0	NA
9. Valley Forge Christian College	16	7*	9	TBD
10. Children's House of N. Chester	1	1*	1	TBD

*Includes Vans.

**Private Vehicles Available.

CHESTER COUNTY DEPARTMENT OF EMERGENCY SERVICES

IMPLEMENTING PROCEDURES

PUBLIC WORKS/INDUSTRIAL LIAISON GROUP CHIEF

I. PURPOSE

The purpose of these procedures is to support Chester County's response to an incident at the Limerick Generating Station, ensuring that major evacuation routes are maintained in passable condition, mobilizing roadway clearance and fuel resources as needed, and providing for the timely notification and response of major industries located within the Chester County plume exposure pathway EPZ.

II. REFERENCES

- A. Annex Q, Chester County Limerick RERP
- B. Annex X, Chester County Limerick RERP
- C. EOC Message Flow Standard Operating Procedure

III. RESPONSIBILITIES

- A. The Public Works/Industrial Liaison Group Chief is charged with the following direct responsibilities:
 - 1. Coordination of efforts to remove traffic obstructions on main evacuation routes.
 - 2. Notification of fuel stations on main evacuation routes.
 - 3. Activation and coordination of the Central Resource Receiving Point.
 - 4. Coordination with PennDOT and the Chester County Engineer in the identification and assignment of road clearance resources.

5. Response to unmet municipal road clearance needs.
6. Provision of timely notification to industries located within the plume exposure pathway EPZ in the event of an incident at Limerick.
7. Response to the needs of industry in an emergency, responding to industrial unmet needs through emergency management channels.
8. Identification of resources available from private industry to support a response by Chester County.

IV. OPERATIONAL PROCEDURES

A. UNUSUAL EVENT

No action necessary.

B. ALERT

- _____ 1. Respond to the EOC if requested.
(time completed)
- _____ 2. Notify the relief Public Works/Industrial Liaison Group Chief to standby (reference Appendix 1).
- _____ 3. Notify major industries and utilities within the EPZ, indicating that no special response is indicated at this time (reference Appendices 2 and 3).
- _____ 4. Notify Central Resource Receiving Point staff of the Alert.
- _____ 5. Review procedures for SITE EMERGENCY.

6. Maintain ALERT status until incident escalation or reduction or termination.

NOTES:

C. SITE EMERGENCY

- _____ 1. Report to the EOC.
(time
completed)
- _____ 2. Notify the relief Public Works/Industrial Liaison Group Chief, place on standby status, and prepare for extended (12-hour shift) operations (reference Appendix 1).
- _____ 3. Review resource availability figures and assign as necessary to respond to municipal unmet needs.
- _____ 4. Notify road clearance and fuel resources and place on standby status (reference Appendix 4).
- _____ 5. Contact the PennDOT Maintenance Office at 929-0766 and the County Engineer's Office at 215-431-6220 in order to identify any areas of construction, detours, etc. on evacuation routes.
- _____ 6. Notify utilities and major industries, checking with industry contacts to determine the resources and time needed for them to shut down if it should become necessary. Relay any recommendations regarding the advisability of suspending or limiting operations at this time due to the potential of incident escalation and potential staffing shortages (reference Appendices 2 and 3).
- _____ 7. Mobilize Central Resource Receiving Point staff.
- _____ 8. Review procedures for GENERAL EMERGENCY.
- _____ 9. Maintain SITE EMERGENCY status until incident escalation or reduction or termination.

NOTES:

D. GENERAL EMERGENCY

- _____ 1. Report to the EOC.
(time
completed)

- _____ 2. Notify the relief Public Works/Industrial Liaison Group Chief, place on standby status and prepare for extended (12-hour shift) operations (reference Appendix 1).

3. Maintain SITE EMERGENCY status unless a protective action (Sheltering or Evacuation) is ordered or recommended.

4. If Sheltering is ordered or recommended:
 - _____ a. Notify industries and utilities of the protective action.
 - _____ b. Identify and respond to unmet industrial needs.
 - _____ c. Request resources from industries and utilities (personnel, vehicles, equipment) as directed.
 - _____ d. Maintain communications with industries and utilities and provide periodic status reports to the DES Director.

5. If Evacuation is ordered or recommended:
 - _____ a. Mobilize road clearance resources previously assigned to address municipal unmet needs.
 - _____ b. Mobilize PennDOT resources as needed to maintain and clear main evacuation routes.
 - _____ c. Notify industries and utilities of the protective action.
 - _____ d. Activate the Central Resource Receiving Point.

- _____ e. Identify and respond to unmet industrial needs.
 - _____ f. Request resources from industries and utilities (personnel, vehicles, equipment) as directed.
 - _____ g. Maintain communications with industries and provide periodic status reports to the DES Director.
- _____ 6. Maintain GENERAL EMERGENCY status until incident reduction or termination.

NOTES:

E. INCIDENT TERMINATION

- _____ 1. Coordinate emergency fuel supplies for reentry with the Transportation Group.
- _____ 2. Coordinate with municipal EOC's in securing necessary assistance.
- _____ 3. Maintain communications with industries and provide periodic status reports to the DES Director.
- _____ 4. Consolidate and secure all reports and records.

NOTES:

APPENDICES

Appendix 1: Primary and Relief Public Works Officers
Central Resource Receiving Point Staff

Appendix 2: Industries Located Within the Chester County EPZ

Appendix 3: Road Clearance and Fuel Resources

APPENDIX 1

PUBLIC WORKS/INDUSTRIAL LIAISON GROUP CHIEF

PRIMARY AND RELIEF PUBLIC WORKS OFFICERS*

PUBLIC WORKS/INDUSTRIAL RELATIONS

R. Wilking

W. Betz

APPENDIX 2

PUBLIC WORKS/INDUSTRIAL LIAISON GROUP CHIEF
INDUSTRIES LOCATED WITHIN THE CHESTER COUNTY EPZ

Industry and Address	Contact Person	Emergency Shutdown Time	Minimum No. of Persons Needed to Shut Down Plant	Telephone
<u>A. East Pikeland Township</u>				
1. Monsey Products				933-8888
2. Cromby Power Plant				
3. Pierce/Stevens Chemical Company				933-8857
4. WATPRO				
5. Royersford Foundry				935-7200
6. Roberts Meatpacking				933-7782
<u>B. Upper Uwchlan Township</u>				
1. Texas Eastern				458-8410
2. Budd Company				458-5301
3. ARCO				458-5321
<u>C. Spring City Borough</u>				
1. Mingo Foundry	Merrill Adams, President			948-4466
2. Spring City Foundry	Samuel Marcus, President			948-4000
3. LaSalle Steel	Richard Treder General Manager			948-4600
4. Valley Forge Flag Co.	Anna Marie Davis Manager			948-4900
<u>D. Schuylkill Township</u>				
1. American Inks and Coating Corp.	David Smith			933-5848

2. McAvoy Vitrified Brick Co. R. Kimball Colkert 933-2932

E. Phoenixville Borough

1. Phoenix Steel Corp. Mr. Myers, Safety Officer 302 - 792-4588 (933-5400)

2. West Company

3. SCM Products

4. A. P. DeSanno Paul Kuzmick 933-5891

5. Budd Co. 935-0225
935-0200

6. Leighton Industries 933-5832

7. Danco Tool John Krizamick 933-8981
or
Nick Fagan

8. Kimberton Knit Co. Jay Smith, Pres. 933-8985
or
Mrs. Mack, Sec.

9. Bachman Company 933-8842

10. Randolph Industries Craig Goldate 933-8883
or
Harry Stein

11. Handi-Crafters 933-4240

(NOTE: Information left blank in this Appendix is under development by the Chester County municipalities within the plume exposure pathway EPZ.)

APPENDIX 3

PUBLIC WORKS/INDUSTRIAL LIAISON GROUP CHIEF

ROAD CLEARANCE AND FUEL RESOURCES

-TBD-

CHESTER COUNTY DEPARTMENT OF EMERGENCY SERVICES

IMPLEMENTING PROCEDURES

CHESTER COUNTY FEDERAL AGRICULTURE COUNCIL REPRESENTATIVE

I. PURPOSE

The purpose of these procedures is to support Chester County's response to an incident at the Limerick Generating Station, ensuring the provision of information and assistance to farmers and livestock owners who may be affected by such an incident.

II. REFERENCES

- A. Annex O, Chester County Limerick RERP
- B. EOC Message Flow Standard Operating Procedure

III. RESPONSIBILITIES

- A. The Pennsylvania Department of Environmental Resources will:
 - 1. Collect and analyze samples from public water supplies;
 - 2. Analyze food and water samples and provide a technical interpretation to the Department of Agriculture; and
 - 3. Provide protective action recommendations through its Bureau of Radiation Protection.
- B. The Pennsylvania Department of Agriculture will:
 - 1. Collect milk samples and products, livestock food, forage, and other food products for technical laboratory analysis by DER; and

2. Relay recommendations specific to the agricultural community through the USDA County Extension Office.
- C. A representative of the Chester County Federal Agriculture Council (FAC) will:
1. Serve as the Agricultural Liaison in the County EOC;
 2. Coordinate certification of farmers tending livestock within the Plume Exposure Pathway EPZ as emergency workers; and
 3. Disseminate information and advisories from the Pennsylvania Department of Agriculture to farmers and food processors.
- D. Farmers tending livestock within the Plume Exposure Pathway EPZ will:
1. Obtain certification as emergency workers from the Chester County Department of Emergency Services through the County Extension Agent.
 2. Obtain dosimeters and radioprotective drugs (potassium iodide), together with appropriate forms and records, from the Chester County DES through the County Extension Agent; and
 3. Report to an emergency worker decontamination station each time he or she leaves the Plume Exposure Pathway EPZ.

IV. OPERATIONAL PROCEDURES

A. UNUSUAL EVENT

No actions required.

B. ALERT

- _____ 1. Chester County FAC Representative reports to the Chester County
(time EOC if requested.
completed)
- _____ 2. Establish communications with the County Extension Agent.
- _____ 3. Notify the relief representative and place on standby status.
- _____ 4. If any farm emergency information advisories are received by the
DES from the State, coordinate with the County Public Informa-
tion Officer and the County Extension Agent to develop and
release information statements to affected farmers via the EBS
station.
- _____ 5. Review procedures for SITE EMERGENCY.
- _____ 6. Maintain ALERT status until incident escalation or reduction or
termination.

NOTES:

C. SITE EMERGENCY

- _____ 1. Report to the Chester County EOC.
(time
completed)
- _____ 2. Establish communications with the County Extension Agent.
- _____ 3. Notify the relief representative, placing on standby status, and prepare for extended (12-hour shift) operations (reference Appendix 1).
- _____ 4. Coordinate with the Public Information Officer and County Extension Agent in notification of farmers, livestock owners and food processors located within the Plume Exposure Pathway EPZ, advising of the situation and relaying any farm advisories received from the State (reference Appendix 2).
- _____ 5. Coordinate with the Public Information Officer and County Extension Agent to develop and release information statements for farmers based on State advisories.
- _____ 6. Review procedures for GENERAL EMERGENCY.
- _____ 7. Maintain SITE EMERGENCY status until incident escalation or termination or reduction.

NOTES:

D. GENERAL EMERGENCY

- _____ 1. Report to the EOC.
(time
completed)
- _____ 2. Establish communications with County Extension Agent.
- _____ 3. Notify the relief representative, placing on standby status, and prepare for extended (12-hour shift) operations (reference Appendix 1).
- _____ 4. Notify farmers, livestock owners, and food processors located within the Plume Exposure Pathway of the General Emergency, recommending that all animals be placed on stored feed immediately (reference Appendix 2).
- _____ 5. Coordinate with the Public Information Officer and County Extension Agent to develop and release information statements for farmers based on State advisories.
6. If Sheltering is directed:
 - _____ a. Inform farmers, livestock owners and food processors of the sheltering directive, advising them to shelter all farm animals insofar as possible, and ensuring that all animals are placed on stored feed.
 - _____ b. In conjunction with the Public Information Officer and County Extension Agent, prepare and release advisories for farmers, food processors and livestock owners outside the Plume Exposure Pathway who may be affected, based on advisories received from the State.

7. If Evacuation is directed:

- _____ a. Ensure notification of farmers, livestock owners and food processors within the Plume Exposure Pathway EPZ, instructing those who need to reenter the EPZ to tend livestock to report to the County Agricultural Center for certification as emergency workers.
 - _____ b. Ensure county agricultural staff to be available on a 24-hour basis to certify farmers as emergency workers.
 - _____ c. Coordinate with the Radiological/Decontamination Group Chief and County Extension Agent to arrange for dosimeters, radioprotective drugs, and appropriate records/forms for distribution to farm emergency workers.
 - _____ d. Coordinate with the Police Services Group Chief to ensure that access control personnel are aware of and will recognize Farmer Emergency Worker Certification forms (reference Appendix 3).
- _____ 7. Maintain GENERAL EMERGENCY status until incident reduction or termination.

NOTES:

APPENDICES

Appendix 1: Farmer Emergency Worker Certification Form

APPENDIX 1

CHESTER COUNTY FEDERAL AGRICULTURE COUNCIL REPRESENTATIVE

This is to certify that (name) _____,
(address) _____,
is authorized access to the plume exposure pathway emergency planning zone
(EPZ) surrounding the _____ fixed nuclear facility for the
period extending from (date) _____ (time) _____ am/pm to
(date) _____ (time) _____ am/pm.

This individual has been issued dosimetry and KI and is authorized
access to the evacuated area for the exclusive purpose of tending to livestock
located at:

(Farm Location) _____

Identification date:

Height: _____ Hair Color: _____
Weight: _____ PA Operator's License No.: _____

Radiological Equipment Issued:

CD V 730 or DCA 622, Serial No.: _____
CD V 742, Serial No.: _____
TLD, Manufacturer: _____

Individual's Signature: X _____

Agricultural Representative's
Signature: X _____

Form Distribution: Original to individual; copy retained by the County
Emergency Management Agency.

CHESTER COUNTY DEPARTMENT OF EMERGENCY SERVICES

STANDARD OPERATING PROCEDURE

EOC MESSAGE FLOW PROCEDURES

I. PURPOSE

This procedure describes a system for the effective transmission of emergency information to, from, and within the EOC. It also establishes control over the flow of messages in order to facilitate record keeping during emergency operations.

II. REFERENCES

- A. Appendix, Chester County Limerick RERP

III. RESPONSIBILITIES

A. DES Operations Group

1. Insure that all personnel are properly trained in this procedure.
2. Insure that adequate clerical staff are available during an emergency.
3. Ensure provision of messenger service, as necessary.
4. Administer message control procedure.

B. DES Director

1. Insure that all members of the EOC staff are familiar with the need for, and use of message control.
2. Enforce message control in the EOC.

IV. PROCEDURES

A. UNUSUAL EVENT

Activity

Responsibility

1. No activity is required at this level.

B. ALERT

1. Place clerical staff on standby or activate needed staff.

Staff Support
Group

C. SITE EMERGENCY

1. Fully activate clerical group.
2. Order implementation of message control for all groups in the EOC.

Staff Support
Group

DES Opera-
tions Group

D. GENERAL EMERGENCY

1. Fully activate clerical group.
2. Order implementation of message control for all groups in the EOC.

Staff Support
Group

DES Opera-
tions Group

V. ATTACHMENTS

Attachment 1: Message Control Procedure

Attachment 2: Forms

ATTACHMENT 1

MESSAGE CONTROL PROCEDURE

I. INTRODUCTION

- A. In an emergency, message control assumes a critical importance by virtue of the fact that it exists for the purpose of insuring that messages are accurately transmitted, properly routed, and not lost. For this reason, message control should never be sacrificed for expediency. The fastest possible message does no good if it is sent to the wrong person, garbled, or forgotten.
- B. The second function of message control is to provide a record of occurrences during the emergency. This is necessary so that the events can be reconstructed after the fact.
- C. The primary responsibility for message control falls upon EOC personnel because it is their function to control and record emergency response, and because field units do not have the time or facilities to insure message control.

II. STANDARD MESSAGE FORM (See Attachment 2 of this procedure)

A. Direction

- 1. INCOMING - messages received from the Communications Center and external agencies such as field units, PEMA, incident site (except for notification messages), etc., and having a destination within the EOC.
- 2. OUTGOING - messages originating in the EOC for transmission to the Communications Center and/or external agencies.

3. INTERNAL - messages originating within the EOC for a destination within the EOC.

B. Priority

1. URGENT - the message must be transmitted as quickly as possible while maintaining message control. It takes precedence over all ROUTINE messages. (This priority must be used very sparingly, or within a short time all messages will be marked urgent in order to get them through).
2. ROUTINE - the messages will be processed normally on a first in, first out basis.

C. Message Number

Number assigned by the operations group for logging and filing purposes.

D. Orgination

1. DATE - date message was written (for OUTGOING or INTERNAL messages).
2. TIME - time message was written (for OUTGOING or INTERNAL messages).

E. Address Block

1. FROM - identify telephone number, position, and organization of originator of message.
2. TO - identify telephone number, position and organization of the addressee.

F. Text

The text of the message. If the message is in response to another message, the first message should be attached to the response. Continuation can be made on an attached sheet of plain paper.

G. Route Block

The distribution list for additional, informational copies of the message. The appropriate boxes will be checked off by the originator, and the message center will make appropriate copies and distribute them (including continuation sheets).

III. EOC MESSAGE FLOW

A. INCOMING

1. Messages are received and all necessary information is recorded on the standard message form. The message is placed in the operations group INCOMING tray, in the order of receipt. URGENT priority messages will be hand-carried to the operations group for immediate processing.
2. Every few minutes, a member of the operations group will check the INCOMING tray and bring any messages back to the group for processing. The processing includes:
 - a. Logging - messages are entered in the message log and assigned the next available sequential message number.
 - b. Copying - all necessary distribution copies, including file copies, are made of the message.
 - c. Filing - the original copy of the message is filed by message number.

- d. Distribution - the distribution copies of the message are placed in the IN tray of the appropriate recipients, including the addressee.
3. The addressee will retain his/her copy of the message in his/her INCOMING MESSAGE folder. All other recipients will retain their copies in their INFORMATION folder.

B. OUTGOING

1. The originator of the message will compose the message, including all necessary information, on the standard message form. The message is placed in his/her OUT tray in the order of composition. URGENT priority messages will be hand-carried to the message center for immediate processing.
2. Every few minutes, a member of the message center will check all OUT trays and bring any messages back to the operations group review. Once reviewed all messages will go to the message center for processing. The processing includes:
 - a. Logging - messages are entered in the message log and assigned the next available sequential message number.
 - b. Copying - all necessary distribution copies, including file copies, are made of the message.
 - c. Filing - the original copy of the message is filed by message number.
 - d. Distribution - the distribution copies of the message are placed in the IN tray of the appropriate recipients. One copy of the message will be placed in the OUTGOING tray. URGENT messages will be forwarded on a priority basis.

3. ROUTINE messages will be forwarded in the order that they are received. URGENT messages will be transmitted immediately. A copy of the message will be transmitted immediately. A copy of the message will be placed in the OUTGOING MESSAGE folder after forwarding. All other recipients will retain their copies in their INFORMATION folder.

C. INTERNAL

1. The originator of the message will compose the message, including all necessary information, on the standard message form. The top copy is placed in the OUT tray in the order of composition.
2. Every few minutes, a member of the message center will check all OUT trays and bring any messages back to the operations group for review. Once reviewed all messages will go to the message center for processing. The processing includes:
 - a. Logging - messages are entered in the message log and assigned the next available sequential message number.
 - b. Copying - all necessary distribution copies, including file copies, are made of the message.
 - c. Filing - the original copy of the message is filed by message number.
 - d. Distribution - the distribution copies of the message are placed in the IN tray of the appropriate recipients.
3. The addressee will retain a copy of the message in the INCOMING MESSAGE folder. All other recipients will retain their copies in their INFORMATION folder.

4. If the message requires a response, the addressee will become the originator of the response message. The response message would then be processed as a normal internal message. Reference to the message number of the first message should be made in the appropriate space on the form.

D. FOR THE RECORD

1. The originator of the message will compose the message on the standard message form. The message is placed in the OUT tray. FOR THE RECORD is indicated on the form, and the addressee is the operations group.
2. Every few minutes, a member of the message center will check all OUT trays and bring any messages back to the operations group review. Once all messages will go to the message center for processing. The processing includes:
 - a. Logging - messages are entered in the message log and assigned the next available sequential message number.
 - b. Filing - the original copy of the message is filed by message number.

VI. COMMUNICATION CENTER MESSAGE FLOW

- A. All incoming messages will be recorded on the standard form.
- B. The Supervisor will enter the message on the Supervisor's Log and ensure that the message is forwarded to the EOC expeditiously.
- C. The Supervisor will receive all outgoing messages, enter the message on the Supervisors Log, and ensure its transmission.

VII. PERMANENT RECORD RETENTION

- A. At the termination of the emergency, the operations group will collect all INCOMING MESSAGE folders from the Operations Group and from the Communications Center.
- B. The folders will be permanently filed.
- C. The permanent filing system will consist of:
 - 1. A file of all messages handled by the EOC.
 - 2. An index by message number (the Message Control Log).
- D. Once permanently filed, original messages should never be given away. Copies should be made if anyone needs them.

MESSAGE FORM

DATE: _____

TIME: _____

MESSAGE NUMBER: _____

IN RESPONSE TO MESSAGE NUMBER: _____

INTERNAL

EXTERNAL

COMMUNICATIONS

URGENT

ROUTINE

<u>FROM</u>	
NAME: _____	
TELEPHONE NUMBER: _____	
POSITION: _____	
ORGANIZATION: _____	

<u>TO</u>	
NAME: _____	
TELEPHONE NUMBER: _____	
POSITION: _____	
ORGANIZATION: _____	

MESSAGE: _____

ROUTE TO

ACTION	INFORMATION	
	COMMISSIONERS	
	OPERATIONS	
	FIRE & RESCUE GROUP	
	DAMAGE ASSESSMENT	
	PUBLIC INFORMATION	
	RADIOLOGICAL	
	MASS CARE GROUP	
	A.R.E.S.	

ACTION	INFORMATION	
	SCHOOL SERVICES	
	TRANSPORTATION	
	HEALTH/MEDICAL	
	AGRICULTURE	
	POLICE GROUP	
	PUBLIC WORKS	
	INDUSTRY LIAISON	
	LIAISON SUPPORT	

CHESTER COUNTY DEPARTMENT OF EMERGENCY SERVICES

STANDARD OPERATING PROCEDURE

CHESTER COUNTY COMMUNICATIONS CENTER

I. PURPOSE

The purpose of these procedures is to ensure the efficient operation of the Chester County Communications Center in the event of an incident at the Limerick Power Station.

II. REFERENCES

- A. Annex B, Chester County Limerick RERP
- B. Annex C, Chester County Limerick RERP
- C. EOC Message Flow Standard Operating Procedure
- D. Communications Group Chief Implementing Procedure
- E. DES Director/Operations Group Implementing Procedure

III. OPERATIONAL PROCEDURES

A. UNUSUAL EVENT

Time
Completed

- _____ 1. Log message on official message form (Attachment B).
- _____ 2. Log message on Supervisor's log.
- _____ 3. Dispatch back-up emergency fire or medical services if requested by Montgomery County.

- _____ 4. Notify Chester County DES Duty Officer. (Reference List L-1-A, Attachment A.)

- _____ 5. Notify Chester County DES Director. (The Chester County DES Director will notify the County Commissioners at the Unusual Event level.)

- _____ 6. Notify, as directed by DES Director, any specific DES or EOC staff.

- _____ 7. Review procedures for ALERT.

B. ALERT

Time
Completed

- _____ 1. Log message on official notification form (Attachment B).
- _____ 2. Log message on Supervisor's log.
- _____ 3. Dispatch back-up emergency fire or medical services if requested by Montgomery County.
- _____ 4. Notify Chester County DES Staff (List L-1-A, Attachment A).
- _____ 5. Notify County Commissioners (List L-2, Attachment A).
- _____ 6. Notify Risk Police Departments: (Police Radio) (Back-up: L-4-A, Attachment A).
 - _____ a. East Coventry Township
 - _____ b. North Coventry Township
 - _____ c. East Vincent Township
 - _____ d. Spring City Borough
 - _____ e. Phoenixville Borough
 - _____ f. East Pikeland Township
 - _____ g. West Vincent Township
 - _____ h. Schuylkill Township
 - _____ i. West Pikeland Township
 - _____ j. Uwchlan/Upper Uwchlan Township
 - _____ k. P.S.P. Embreeville
- _____ 7. Notify Risk Fire and Rescue Companies: (Fire Radio) (Back-up: List L-5-A, Attachment A).
 - _____ a. Ridge (62)
 - _____ b. Norco (64)

- _____ c. Liberty (63)
- _____ d. Springford Rescue (72)
- _____ e. Kimberton (61)
- _____ f. Phoenixville No. 1 (65)
- _____ g. Friendship No. 2 (66)
- _____ h. West End No. 3 (67)
- _____ i. Ludwig's Corner (73)
- _____ j. Pennhurst (78)
- _____ k. Valley Forge (68)
- _____ l. Lionville (47)
- _____ m. Elverson (32)
- _____ n. East Whiteland (5)

_____ 8. Notify Risk Ambulance Services (EMS Radio) (Back-up: List L-6-A, Attachment A).

- _____ a. Spring City (63)
- _____ b. Springford Media Unit (72)
- _____ c. West End (Phoenixville) (67)
- _____ d. Springford Rescue (72)
- _____ e. Uwchlan (47A)
- _____ f. Elverson (32)
- _____ g. East Whiteland (5)
- _____ h. Paoli Memorial Hospital Medic Unit
- _____ i. Brandywine Hospital Medic Unit
- _____ j. Aeromedix Medic Unit
- _____ k. Good Will

_____ 9. Notify Risk Municipality EMA Coordinators or Alternates: (List L-7-A, Attachment A).

- _____ a. East Coventry
- _____ b. North Coventry
- _____ c. East Vincent
- _____ d. Spring City Borough
- _____ e. South Coventry

- _____ f. West Vincent
- _____ g. East Pikeland Township
- _____ h. Phoenixville Borough
- _____ i. Schuylkill
- _____ j. East Nantmeal
- _____ k. Charlestown Township
- _____ l. Uwchlan
- _____ m. Upper Uwchlan
- _____ n. West Pikeland
- _____ o. Warwick

_____ 10. Notify Chester County Risk School Districts of ALERT status:
(List L-9-A, Attachment A).

- _____ a. Owen J. Roberts
- _____ b. Phoenixville
- _____ c. Great Valley
- _____ d. Downingtown

_____ 11. Notify Chester County Private/Parochial Schools of ALERT
status: (List L-9-A, Attachment A).

- _____ a. Kimberton Farm
- _____ b. Upattinas
- _____ c. Valley Forge Christian
- _____ d. Liberty Forge
- _____ e. Holy Trinity
- _____ f. St. Ann's
- _____ g. St. Basil the Great
- _____ h. Saint Mary of the Assumption

_____ 12. Notify Other Schools/Colleges of ALERT status: (List L-9-A,
Attachment A).

- _____ a. Northern Chester County Technical School
- _____ b. Valley Forge Christian College

- _____ 13. Notify Risk hospitals and nursing homes of ALERT status: (List L-13-A, Attachment A).
- _____ a. Phoenixville Hospital
 - _____ b. Coventry Manor
 - _____ c. Phoenixville Manor
 - _____ d. Pennhurst Center
- _____ 14. Notify Day Care Centers (List L-16, Attachment A).
- _____ 15. Notify Transient Locations (List L-17, Attachment A).
- _____ 16. Notify EOC staff or alternates and mobilize as directed by the DES Director: (List L-3-A, Attachment A).
- _____ a. Fire and Rescue
 - _____ b. Police Services
 - _____ c. Medical/EMS
 - _____ d. Mass Care
 - _____ e. Public Works/Industrial Liaison
 - _____ f. Transportation
 - _____ g. Public Information
 - _____ h. Radiological/Decontamination
 - _____ i. School Services
 - _____ j. Agricultural
 - _____ k. Red Cross
- _____ 17. Notify EBS station (WCAU) and place on standby status: (List L-8, Attachment A).
- _____ 18. Notify ARES personnel and dispatch to risk municipal EOC's. (List L-10, Attachment A).
- _____ 19. Notify Major Industrial Facilities of ALERT status. (List L-14, Attachment A).

- _____ 20. Notify Transportation Systems of ALERT status. (List L-11, Attachment A).
- _____ 21. Notify Reception Center Managers of ALERT status. (List L-15, Attachment A).
- _____ 22. Notify Transportation Staging Facility Manager of ALERT status: (List L-12, Attachment A).
- _____ 23. Notify Decontamination Team Leaders of ALERT Status. (List L-18, Attachment A).
- _____ 24. Mobilize necessary on-call dispatchers: (List L-1-B, Attachment A).
- _____ 25. If public alert or protective actions are ordered, see Attachment C.
- _____ 26. Review procedures for SITE EMERGENCY.

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Time
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- _____ h. North Coventry
- _____ i. South Coventry
- _____ j. Uwchlan
- _____ k. Upper Uwchlan
- _____ l. Warwick
- _____ m. West Pikeland
- _____ n. West Vincent
- _____ o. Schuylkill

_____ 10. Notify Chester County Risk School Districts of SITE EMERGENCY status: (List L-9-A, Attachment A).

- _____ a. Owen J. Roberts
- _____ b. Phoenixville
- _____ c. Great Valley
- _____ d. Downingtown

_____ 11. Notify Chester County Private/Parochial Schools of SITE EMERGENCY status: (List L-9-A, Attachment A).

- _____ a. Kimberton Farm
- _____ b. Upattinas
- _____ c. Valley Forge Christian
- _____ d. Holy Trinity
- _____ e. St. Ann's
- _____ f. St. Basil the Great
- _____ g. Saint Mary of the Assumption

_____ 12. Notify Other Schools/Colleges of SITE EMERGENCY status: (List L-9-A, Attachment A).

- _____ a. Northern Chester County Technical School
- _____ b. Valley Forge Christian College

_____ 13. Notify Risk hospitals and nursing homes of SITE EMERGENCY status: (List L-13-A, Attachment A).

- _____ a. Phoenixville Hospital
- _____ b. Coventry Manor
- _____ c. Phoenixville Manor
- _____ d. Pennhurst Center

_____ 14. Notify Day Care Centers (List L-16, Attachment A).

_____ 15. Notify Transient Locations (List L-17, Attachment A).

_____ 16. Notify EOC staff or alternates and mobilize (Lists L-3-A, L-3-B, Attachment A).

- _____ a. Fire and Rescue
- _____ b. Police Services
- _____ c. Medical/EMS
- _____ d. Mass Care
- _____ e. Public Works/Industrial Liaison
- _____ f. Transportation
- _____ g. Public Information
- _____ h. Radiological/Decontamination
- _____ i. School Services
- _____ j. Agricultural
- _____ k. Red Cross

_____ 17. Notify EBS station and mobilize (List L-8, Attachment A).

_____ 18. Notify ARES personnel and dispatch to risk municipal EOC's. and other assignments (List L-10, Attachment A).

_____ 19. Notify Major Industrial Facilities of SITE EMERGENCY status. (List L-14, Attachment A).

- _____ 20. Notify Transportation Systems of SITE EMERGENCY status. (List L-11, Attachment A).
- _____ 21. Notify Reception Center of SITE EMERGENCY status. (List L-15, Attachment A).
- _____ 22. Notify Transportation Staging Facilities of SITE EMERGENCY status: (List L-12, Attachment A).
- _____ 23. Notify Decontamination Teams of SITE EMERGENCY Status. (List L-18, Attachment A).
- _____ 24. Mobilize necessary on-call dispatchers: (List L-1-B, Attachment A).
- _____ 25. Notify support municipal EMA coordinators (List L-7-B, Attachment A).
- _____ 26. Notify host school districts (List L-9-B, Attachment A).
- _____ 27. Notify host health and nursing facilities (List L-13-B, Attachment A).
- _____ 28. If public alert or protective actions are ordered, see Attachment C.
- _____ 29. Review procedures for GENERAL EMERGENCY.

D. GENERAL EMERGENCY

Time
Completed

- _____ 1. Log message on official notification form (Attachment B).
- _____ 2. Log message on Supervisor's log.
- _____ 3. Dispatch back-up emergency fire or medical services if requested by Montgomery County.
- _____ 4. Notify Chester County DES Staff (List L-1-A, Attachment A).
- _____ 5. Notify County Commissioners (List L-2, Attachment A).
- _____ 6. Notify all Chester County Police Departments: (Police Radio) (Back-up: L-4-A, L-5-A, Attachment A).
- _____ 7. Notify all Chester County Fire and Rescue Companies: (Fire Radio) (Back-up: List L-5-A, L-6-A, Attachment A).
- _____ 8. Notify all Chester County Ambulance Services (EMS Radio) (Back-up: List L-6-A, L-6-B, Attachment A).
- _____ 9. Notify Risk Municipality EMA Coordinators or Alternates: (List L-7-A, Attachment A).
 - _____ a. East Pikeland Township
 - _____ b. Phoenixville Borough
 - _____ c. Spring City Borough
 - _____ d. Charlestown Township
 - _____ e. East Nantmeal
 - _____ f. East Vincent
 - _____ g. East Coventry
 - _____ h. North Coventry

- _____ i. South Coventry
- _____ j. Uwchlan
- _____ k. Upper Uwchlan
- _____ l. Warwick
- _____ m. West Pikeland
- _____ n. West Vincent
- _____ o. Schuylkill

_____ 10. Notify Chester County Risk School Districts of GENERAL EMERGENCY status: (List L-9-A, Attachment A).

- _____ a. Owen J. Roberts
- _____ b. Phoenixville
- _____ c. Great Valley
- _____ d. Downingtown

_____ 11. Notify Chester County Private/Parochial Schools of GENERAL EMERGENCY status: (List L-9-A, Attachment A).

- _____ a. Kimberton Farm
- _____ b. Upattinas
- _____ c. Valley Forge Christian
- _____ d. Holy Trinity
- _____ e. St. Ann's
- _____ f. St. Basil the Great
- _____ g. Saint Mary of the Assumption

_____ 12. Notify Other Schools/Colleges of GENERAL EMERGENCY status: (List L-9-A, Attachment A).

- _____ a. Northern Chester County Technical
- _____ b. Valley Forge Christian College

_____ 13. Notify Risk hospitals and nursing homes of GENERAL EMERGENCY status: (List L-13-A, Attachment A).

- _____ a. Phoenixville Hospital

- b. Coventry Manor
 - c. Phoenixville Manor
 - d. Pennhurst Center
14. Notify Day Care Centers (List L-16, Attachment A).
15. Notify Transient Locations (List L-17, Attachment A).
16. Notify EOC staff or alternates and mobilize (Lists L-3-A, L-3-B, Attachment A).
- a. Fire and Rescue
 - b. Police Services
 - c. Medical/EMS
 - d. Mass Care
 - e. Public Works/Industrial Liaison
 - f. Transportation
 - g. Public Information
 - h. Radiological/Decontamination
 - i. School Services
 - j. Agricultural
 - k. Red Cross
17. Notify EBS station and mobilize (List L-8, Attachment A).
18. Notify ARES personnel and dispatch to risk municipal EOC's. and other assignments (List L-10, Attachment A).
19. Notify Major Industrial Facilities of GENERAL EMERGENCY status. (List L-14, Attachment A).
20. Notify Transportation Systems of SITE EMERGENCY status. (List L-11, Attachment A).

- _____ 21. Notify Reception Center of GENERAL EMERGENCY status. (List L-15, Attachment A).
- _____ 22. Notify Transportation Staging Facilities of GENERAL EMERGENCY status: (List L-12, Attachment A).
- _____ 23. Notify Decontamination Teams of GENERAL EMERGENCY Status. (List L-18, Attachment A).
- _____ 24. Mobilize necessary on-call dispatchers: (List L-1-B, Attachment A).
- _____ 25. Notify support municipal EMA coordinators (List L-7-B, Attachment A).
- _____ 26. Notify host school districts (List L-9-B, Attachment A).
- _____ 27. Notify host health and nursing facilities (List L-13-B, Attachment A).
- _____ 28. If public alert or protective actions are ordered, see Attachment C.

ATTACHMENTS

- Attachment A "RECALL" Input and Hard Copy Back-up Lists
- Attachment B Notification Form
- Attachment C Public Alert Notification Procedure
- Attachment D "RECALL" System Operation Procedure
- Attachment E Siren System Operation Procedure

ATTACHMENT A

CONTENTS

- L-1-A Chester County DES Staff
- L-1-B Chester County Dispatchers
- L-2 Chester County Commissioners
- L-3-A Chester County EOC Staff - Alternates
- L-3-B Chester County EOC Support Staff
- L-4-A Chester County EOC Risk Police Departments
- L-4-B Chester County Support Police Departments
- L-4-C Chester County Fire Police
- L-5-A Chester County Risk Fire/Rescue Companies
- L-5-B Chester County Support Fire/Rescue Companies
- L-6-A Chester County Risk Ambulance Services/Medic Units
- L-6-B Chester County Support Ambulance Services/Medic Units
- L-7-A Chester County Risk EMA Directors
- L-7-B Chester County Support EMA Directors

*Attachment A names and telephone numbers are kept on file at the Chester County Department of Communications, and are updated quarterly.

- L-7-C Chester County Risk Municipality EOC Staffs
- L-7-D Chester County Support Municipality EOC Staffs
- L-8 EBS Stations
- L-9-A Chester County Risk School Districts
- L-9-B Host School Districts
- L-10A Chester County ARES
- L-10-B Chester County 4 Wheel Drive
- L-11 Transportation Resources
- L-12 Transportation Staging Area Staff
- L-13-A Risk Health Care Facilities
- L-13-B Host Health Care Facilities
- L-14 Major Industry
- L-15 Reception Center Personnel
- L-16 Day Care Centers
- L-17 Transient Locations
- L-18 Decontamination Teams
- L-19 Mass Care Center Contact Persons

PEMA NOTIFICATION CHECKLIST

Chester County _____

Actual Emergency _____

Drill _____

I. INITIAL NOTIFICATION

- a. Name of Caller: _____ Title: _____
- b. Location of Incident: _____
- c. Telephone Number: _____
- d. Emergency Class: _____ UNUSUAL EVENT _____ SITE EMERGENCY
 _____ ALERT _____ GENERAL EMERGENCY
- e. Date/Time of Incident: _____ / _____
- f. Radioactivity: _____ Has Not Been Released _____ Is Being Released
 _____ Has Been Released _____ Within Plant _____ From Plant
- g. Type of Release: _____ Airborne _____ Waterborne _____ Surface Spill
- h. Additional Information: _____

II. UNDER GENERAL EMERGENCY

- a. Protective Actions: _____ None Recommended _____ Recommended as follows:

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

FOR COUNTY PURPOSES ONLY

Department of Emergency Services Staff Notified _____

Action Required by Staff: _____

Received by: _____ Time: _____

ATTACHMENT C

A. PUBLIC ALERT

- _____ 1. If a public alert is ordered, the time for alert will be specified. Notify the following of the protective action involved and time for public alert.
- _____ a. County Commissioners
 - _____ b. DES Staff
 - _____ c. EUC Staff
 - _____ d. All Chester County Police Departments
 - _____ e. All Chester County Fire Departments
 - _____ f. All Chester County Ambulance Services
 - _____ g. EBS Station
 - _____ h. Municipal EMA Directors/EUC's
- _____ 2. Ensure EBS station operation (through DES P10).
- _____ 3. Activate sirens.
- _____ 4. Activate route alerting per assignments in Attachment E.
- _____ 5. Initiate recall system notification (including recommendation action) of following:
- _____ a. Risk/Host Schools (L-9-A, L-9-B)
 - _____ b. Transportation Resources (L-11)
 - _____ c. Major Industry (L-14)
 - _____ d. Risk/Host Health Care Facilities (L-13-A, L-13-B)
 - _____ e. Day Care Centers (L-16)
 - _____ f. Transient Locations (L-17)

B. If sheltering is ordered:

1. Complete notifications listed in A above as directed by DES Director.

C. If evacuation is ordered:

1. Complete notifications listed in A above as directed by DES Director.

2. Complete the following as directed by DES Director:

- a. Activate all ARES personnel and assign to Reception Centers and Mass Care Centers (L-10)
- b. Activate all Transportation Resources (L-11)
- c. Notify Transportation Staging Areas to Activate (L-12)
- d. Notify Reception Area Center Coordinators to Activate (L-15)
- e. Notify Mass Care Centers of Activation (L-19)
- f. Notify Decontamination Teams to Activate (L-18)

CHESTER COUNTY DEPARTMENT OF EMERGENCY SERVICES

STANDARD OPERATING PROCEDURE

TRANSPORTATION STAGING AREA MANAGER

I. PURPOSE

The purpose of this procedure is to support Chester County's response to an evacuation due to an incident at the Limerick Generating Station by maintaining an accurate count of arriving transportation resources and assigning them as needed.

II. REFERENCES

- A. Annex I, Chester County Limerick RERP
- B. Annex B, Chester County Limerick RERP
- C. Transportation Group Chief Implementing Procedures

III. RESPONSIBILITIES

- A. The Transportation Staging Area Manager shall be responsible for:
 - 1. Acknowledging receipt of notification and making a written record of the information received, including date and time.
 - 2. Confirming details of transportation staging area operations with the person normally in charge of the facility.
 - 3. Briefing transportation staging area staff, assigning responsibilities to include the following:
 - a. Traffic Control
 - b. Communications

c. Maintenance of a count of vehicles at the staging area and available for assignment.

d. Map distribution and transportation resource assignment

4. Maintaining regular communications with the Chester County Transportation Group Chief.

5. After the transportation staging area is closed, taking necessary steps to prepare the facility for return to its owner.

B. Chester County DES

1. Maps showing routes from the staging area to the destination, and other necessary information and material, will be delivered by the Chester County DES to the transportation staging area at Site Emergency.

IV. OPERATIONAL PROCEDURES

A. UNUSUAL EVENT

No action necessary.

B. ALERT

No action necessary.

C. SITE EMERGENCY

- _____ 1. Initial notification will be received from the Chester County
(time) DES.
- _____ 2. The Communications Center will notify transportation staging
area staff, advising them of the situation and placing them on
standby status.
- _____ 3. The Chester County DES will deliver maps and other necessary
materials directly to the transportation staging area.
- _____ 4. Review procedures for General Emergency.
- _____ 5. Maintain Site Emergency status until reduction, escalation or
termination of the incident.

NOTES:

D. GENERAL EMERGENCY

- _____ (time) 1. Initial notification will be received from the Chester County DES.
- _____ 2. The Communications Center will notify transportation staging area staff, advising them of the situation and dispatching them to the transportation staging area.
- _____ 3. The Chester County DES will have delivered maps and other necessary materials directly to the transportation staging area.
- _____ 4. Inventory and prepare maps and other material delivered by the County.
- _____ 5. Assign staff to the following responsibilities:
 - a. Traffic Control
 - b. Communications
 - c. Maintenance of transportation resource availability records
 - d. Map distribution and transportation resource assignment
 - e. Preparation and distribution of dosimeters/KI. (NOTE: Only to be distributed to the crews of vehicles reentering the EPZ on a second trip.)
- _____ 6. Notify the County Transportation Group Chief when the transportation staging area is staffed and activated.
- _____ 7. Have the ARES unit set up and report in to the County upon arrival.

ATTACHMENT 1

CHESTER COUNTY RECEPTION CENTERS AND MASS CARE CENTERS
FOR THE LIMERICK GENERATING STATION

I. RECEPTION CENTER: Morgan Corporation (Located in Berks County, but operated under the direction of Chester County DES)

<u>A. Assigned Municipalities</u>	<u>Evacuating Population</u>	<u>Mass Care Requirement</u>
1. North Coventry Township*	3000	1500
2. South Coventry Township*	956	478
3. East Nantmeal Township*	732	366
4. Warwick Township	2115	1058
5. East Coventry Township	<u>4085</u>	<u>2043</u>
Total	10,888	5445

<u>B. Assigned Mass Care Centers</u>	<u>Capacity</u>
1. Octorara Middle School	3999
2. Octorara High School	<u>3999</u>
Total	7998

II. RECEPTION CENTER: Downingtown High School

<u>A. Assigned Municipalities</u>	<u>Evacuating Population</u>	<u>Mass Care Requirement</u>
1. South Coventry Township*	600	300
2. East Nantmeal Township*	490	245
3. West Vincent Township	1992	996
4. Upper Uwchlan/Uwchlan Township	<u>1353</u>	<u>677</u>
Total	4435	2218

<u>B. Assigned Mass Care Centers</u>	<u>Capacity</u>
1. Gordon Jr. High School	798
2. South Brandywine Jr. High School	<u>2034</u>
Total	2832

* Other portions of these municipalities are assigned to another reception center. See Evacuation Plan Map, Annex W, Appendix 3.

II. RECEPTION CENTER: Exton Mall

A. <u>Assigned Municipalities</u>	<u>Evacuating Population</u>	<u>Mass Care Requirement</u>	
1. Spring City Borough	3389	1695	TBD
2. East Vincent Township	4739	2370	495-6063
3. East Pikeland Township	4410	2205	458-5780
4. West Pikeland Township	<u>1536</u>	<u>768</u>	
Total	14,074	7038	933-9961
			933-4424
B. <u>Assigned Mass Care Centers</u>	<u>Capacity</u>		
1. Scott Intermediate School	2538		323-1694
2. Carl Benner Jr. High School	1175		933-8801
3. Stetson Middle School	1400		933-5843
4. Unionville - Chadds Ford Middle School	2008		
5. Unionville Elementary School	<u>2046</u>		
Total	9167		TBD

IV. RECEPTION CENTER: Stetson Middle School

A. <u>Assigned Municipalities</u>	<u>Evacuating Population</u>	<u>Mass Care Requirement</u>	
1. Charlestown Township	2770	1385	TBD
2. Schuylkill Township	5993	2997	363-9450
3. Phoenixville Borough	<u>14,165</u>	<u>7083</u>	286-5557
Total	22,928	11,465	827-9218
			827-7932
B. <u>Assigned Mass Care Centers</u>	<u>Capacity</u>		
1. Kennett Jr/Sr High School	3483		
2. Mary D. Long Elementary School	1800		
3. Avon Grove Jr/Sr High School	2261		
4. Fred S. Engle Middle School	3065		
5. Lincoln University	<u>3996</u>		
Total	14,605		

Summary:

Total Evacuating Population: 56,489
 Total Mass Care Requirement: 28,245
 Total Designated Mass Care Space: 34,602

NOTE: The first two mass care facilities listed under each reception center are the "primary" mass care centers. These centers will be the first activated.

CHESTER COUNTY DEPARTMENT OF EMERGENCY SERVICES

STANDARD OPERATING PROCEDURE

DECONTAMINATION MONITORING STATIONS

I. PURPOSE

The purpose of this procedure is to support Chester County's response to an incident at the Limerick Generating Station, assuring effective initiation and operations of decontamination monitoring stations.

II. REFERENCES

- A. Annex M, Chester County Limerick RERP.
- B. Radiological Officer Implementing Procedure

III. RESPONSIBILITIES

- A. Chester County DES is responsible for notification of Monitoring/Decontamination personnel.
- B. The Chester County Radiological Officer is responsible for verification of notification, team assignments, and coordination of radiological monitoring and decontamination activities.
- C. The Chester County Hazardous Materials group will support the Radiological Group.
- D. Monitoring/Decontamination team leaders will be responsible for coordinating the operations of specific monitoring/decontamination stations and for maintaining communications with the County Radiological Officers at the EOC.
- E. Radiological monitoring and decontamination team members are responsible for conducting monitoring and decontamination operations

according to Annex M of the Chester County Limerick RERP and this procedure.

IV. OPERATIONAL PROCEDURES

A. UNUSUAL EVENT

No action necessary.

B. ALERT

- _____ 1. Radiological monitoring and decontamination teams may be notified and placed on standby or mobilized.
- _____ 2. If placed on standby, remain available for immediate notification.
- _____ 3. If mobilized, report to assigned station.

C. SITE EMERGENCY

- _____ 1. Radiological monitoring and decontamination teams will be mobilized to specific locations.
- _____ 2. Inventory and check all survey meters.
- _____ 3. Issue team members dosimetry.

D. GENERAL EMERGENCY

- _____ 1. Radiological monitoring and decontamination teams will be activated at specific locations, which may be Mass Care Centers or emergency worker monitoring/decontamination points, or other locations as necessary.

- _____ 2. Initiate monitoring decontamination activities according to procedures in Attachment B.

ATTACHMENTS

- Attachment A Chester County Monitoring/Decontamination Points
- Attachment B Decontamination Monitoring Procedures
- Attachment C Hospitals Capable of Radiation Treatment
- Attachment D Dosimetry and Potassium Iodide (KI) Information
- Attachment E Inventory Procedures
- Attachment F Forms

ATTACHMENT A

MONITORING DECONTAMINATION POINTS

I. RECEPTION CENTER: Morgan Corporation (Located in Berks County, but operated under the direction of Chester County DES)

A. <u>Assigned Mass Care Centers</u>	<u>Capacity</u>
1. Octorara Middle School	3999
2. Octorara High School	<u>3999</u>
Total	7998

II. RECEPTION CENTER: Downingtown High School

A. <u>Assigned Mass Care Centers</u>	<u>Capacity</u>
1. Gordon Jr. High School	798
2. South Brandywine Jr. High School	<u>2034</u>
Total	2832

III. RECEPTION CENTER: Exton Mall

A. <u>Assigned Mass Care Centers</u>	<u>Capacity</u>
1. Scott Intermediate School	2538
2. Carl Benner Jr. High School	1175
3. Stetson Middle School	1400
4. Unionville - Chadds Ford Middle School	2008
5. Unionville Elementary School	<u>2046</u>
Total	9167

IV. RECEPTION CENTER: Stetson Middle School

A. <u>Assigned Mass Care Centers</u>	<u>Capacity</u>
1. Kennett Jr/Sr High School	3483
2. Mary D. Long Elementary School	1800
3. Avon Grove Jr/Sr High School	2261
4. Fred S. Engle Middle School	3065
5. Lincoln University	<u>3996</u>
Total	14,605

NOTE: The first two mass care facilities listed under each reception center are the "primary" mass care centers. These centers will be the first activated.

EMERGENCY WORKER DECONTAMINATION STATIONS

1. Elverson Fire Company (Station 32)
P. O. Box 181
Elverson, PA 19520
2. Lionville Fire Company (Station 47)
Village Avenue
Lionville, PA 19353
3. Valley Forge Volunteer Fire Co. (Station 68)
Valley Park Road
Valley Forge, PA 19481

ATTACHMENT B

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. Teams will be advised whether or not decontamination monitoring is required. Decontamination monitoring will be performed 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 monitored and, if necessary, decontaminated, after which they will be admitted to the "general living" portion of the mass care center. Decontamination monitoring teams will conduct the monitoring, carry out decontamination procedures, and complete associated records.
2. Decontamination monitoring teams take direction from the county radiological officer and coordinate with the mass care center manager. 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.

3. 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.

1. 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 centers. The decontamination monitoring procedures and record keeping are identical for people who remain at mass care centers.

D. Decontamination Monitoring Station for Emergency Workers

1. Upon completion of his/her mission, or as directed by supervisors, each emergency worker may be ordered to report to a decontamination monitoring station to be monitored for radiological contamination, and, if necessary, decontaminated.
2. Since the mass care centers for the public are generally located 20 or more miles from the nuclear facilities, decontamination monitoring stations for emergency workers are established closer to the plume exposure pathway EPZ.
3. All decontamination monitoring stations are to extend services to any requesting emergency worker of any organization.

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 this Attachment.

F. Decontamination Monitoring Record Keeping

1. A decontamination station log should be completed for each person monitored, and necessary information recorded on the station master log.
2. Decontamination monitoring personnel will be responsible for completing a "Decontamination Monitoring Report Form" for each individual with a reading of 0.05 mR/h (milliroentgens per hour) or more above background, which is the action level set indicating that decontamination of the individual is necessary. 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 individ-

ual is sent to a medical facility. The original will be retained by the county in a historical file.

G. Progress Reports on Decontamination Monitoring

Decontamination team chiefs must verbally report at two hour intervals to their County Radiological Officers 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 decontamination station log is designed to permit necessary summaries to be extracted.

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 operation 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 required information on the Decontamination Monitoring Station Log. If a reading on any person exceeds 0.05 mR/hour, complete a Decontamination Monitoring Report Form (PEMA DMR-1).
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.

*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.

B. 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.

- 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.

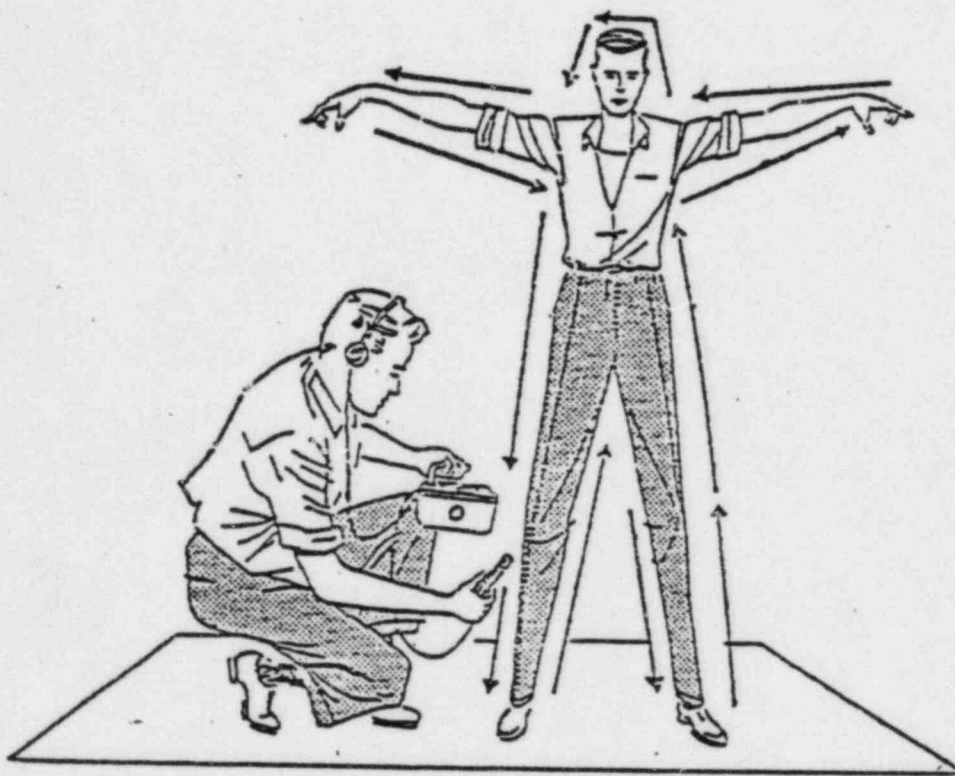


Illustration 1 - Decontamination Monitoring

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. See Attachment C for a list of such facilities.
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 receive appropriate emergency medical care and be referred to an appropriate medical facility for radiation decontamination and further 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 County DES 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 County DES 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 accomplished for those vehicles found to be externally contaminated or 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. Vehicles with contamination in the interiors will be impounded and the county radiological officer notified.

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

(garbage can) with a snug fitting lid 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 FRMAP personnel. Accumulation of contaminated waste materials and the need for disposal should be reported through the emergency management system.

ATTACHMENT C

HOSPITALS CAPABLE OF RADIATION TREATMENT

<u>FACILITY</u>	<u>NUMBER OF BEDS</u>
<p>1. University of Pennsylvania Hospital 3400 Spruce Street Philadelphia, PA 19104 (215) 662-3000 - Radiology (215) 662-4000 - 2203 Main Number</p> <p>Dr. Sheldon Jacobson - Emergency Room Chief. The University of Pennsylvania Hospital is the Definitive Care Center for Radiation contamination in the Delaware Valley. This hospital has been designated as the referral center for the entire Delaware Valley region. Local hospitals are capable of providing stabilization, monitoring and decontamination, as necessary, and are to refer severe cases to the University of Pennsylvania Hospital.</p>	686
<p>2. Southern Chester County Medical Center LR 131 West Grove, PA 19390 (215) 869-1000</p>	53
<p>3. Chester County Hospital 701 E. Marshal Street West Chester, PA 19380 (215) 431-5000</p>	290
<p>4. Paoli Memorial Hospital Lancaster Pike Paoli, PA 19301 (215) 648-1000</p>	188

5. Brandywine Hospital
201 Reeceville Road
Coatesville, PA 19320
(215) 383-9068--8049

208

All other hospitals in the state with this capability are identified in the Commonwealth's Disaster Operations Plan, Annex E, and these resources could be used if the primary and immediate support hospitals identified here are not sufficient.

ATTACHMENT D

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 fixed nuclear facility incidents are either prepositioned or available from the County DES. The using organizations will obtain equipment 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.)

B. Property Control

Property accountability must be maintained in the distribution process. The "Receipt Form for Dosimetry-Survey Meters-KI" 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" 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 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 original storage locations and inventoried.

III. POTASSIUM IODIDE (KI)

A. Background Information

1. Iodine accumulates in the thyroid gland which is located at the front 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 include 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.

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).

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.

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. Although it is possible for dosimeters of this type to have "electrical leakage" that will register a reading not caused by radiation, workers are to "err on the side of caution" by heeding the higher reading of the two dosimeters.

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.
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 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 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, 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. 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 persons whose normal duties might involve such missions, i.e., policemen and firefighters 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 by chromosome analysis or other specialized analysis.
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.

*Information derived from "Basic Radiation Protection Criteria," National Council on Radiation Protection and Measurements Report Number 39, Bethesda, Maryland, March 1, 1982.

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.

3. Genetic Effects of Radiation

Radiation exposure of reproductive cells of the ovary and testis causes gene and chromosome abnormalities (mutation). Persons exposed to any 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 DES.
2. 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. Farmers will

be provided 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

A "Contact and Dosimetry-KI Distribution Point for Farmers" will be established at Lionville Fire Department, Village Avenue, Lionville.

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.

ATTACHMENT E
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

- A. Inspection - A visual check for physical damage and missing accessories to include batteries (for the CD V-750 and CD V-700) which should be stored separately.
- B. Operational check -
1. Self-reading dosimeters (CD V-730, 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-750) - 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-700) - 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.

III. INVENTORY AND MAINTENANCE PROCEDURES

- A. Annually, during the month of January, the Chester County DES will physically conduct a complete inventory of all special RERP issue or set-aside of dosimeters, dosimeter chargers, survey meters, KI and related forms.
- B. 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 TLDs with the County DES. When the annual replacements are received from the TLD service contractor, PEMA will exchange the TLDs on a one-for-one basis with the county.

There are no maintenance requirements for the TLDs and each has a usable life of only one year.

ATTACHMENT F

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

RECEIVED BY: _____ TITLE: _____
 (print name)
 SIGNATURE: X _____ DATE: _____

ATTACHMENT F

DECONTAMINATION MONITORING REPORT FORM

NOTE: THIS FORM WILL BE COMPLETED FOR EACH INDIVIDUAL WITH A READING OF 0.05 mR/hr OR MORE ABOVE BACKGROUND.

NAME of person monitored _____
 SOCIAL SECURITY NUMBER _____
 ADDRESS _____

FIRST Radiological Monitoring _____
 Monitor's or Recorder's Signature _____
 Mass Care Center _____
 Survey Meter Serial No. _____ 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 _____
 Mass Care Center _____
 Survey Meter Serial No. _____ DATE _____ TIME _____ ^{am}/_{pm}

THIRD Radiological Monitoring — to be completed after person has undergone decontamination a second time.

Monitor's or Recorder's Signature _____
 Mass Care Center _____
 Survey Meter Serial No. _____ 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 to individual sent to _____ hospital
 for decontamination and/or treatment at (TIME) _____ ^{am}/_{pm} on (DATE) _____
 Decontamination Team Chief's Signature _____

Form Distribution: Original to county emergency management agency;
 copy to person monitored.

ATTACHMENT F

FARMER EMERGENCY WORKER CERTIFICATIONS

This is to certify that (name) _____,
(address) _____,

is authorized access to the plume exposure pathway emergency planning zone (EPZ) surrounding the _____ fixed nuclear facility for the period extending from (date) _____ (time) _____ am/pm to (date) _____ (time) _____ am/pm.

This individual has been issued dosimetry and KI and is authorized access to the evacuated area 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.: _____
TLD, Manufacturer: _____
Serial No.: _____

Individual's Signature: X _____

Agricultural Representative's
Signature: X _____

CHESTER COUNTY DEPARTMENT OF EMERGENCY SERVICES

STANDARD OPERATING PROCEDURE

CENTRAL RESOURCE RECEIVING POINT MANAGER

I. PURPOSE

The purpose of this procedure is to support Chester County's response to an incident at the Limerick Nuclear Generating Station by centrally receiving and distributing incoming supplies and equipment.

II. REFERENCES

- A. Annex A, Chester County Limerick RERP
- B. Annex I, Chester County Limerick RERP

III. RESPONSIBILITIES

- A. The Central Resource Receiving Point Manager shall be responsible for:
 - 1. Acknowledging receipt of notification and making a written record of the information received, including date and time.
 - 2. Assuring necessary preparation of the Central Resource Receiving Point facility.
 - 3. Assigning and coordinating required staff for the effective operation of the Central Resource Receiving Point.
 - 4. Maintaining accurate records of all supplies and equipment received and distributed.
 - 5. Maintaining regular communications with the Chester County Public Works/Industrial Liaison Group Chief.

6. After the Central Resource Receiving Point is closed, taking necessary steps to prepare the facility for return to its owner.

IV. OPERATIONAL PROCEDURES

A. UNUSUAL EVENT

No action necessary.

B. ALERT

No action necessary.

C. SITE EMERGENCY

- _____ 1. Initial notification will be received from the Chester County
(time) DES.
- _____ 2. The Communications Center will notify the Central Resource
Receiving Point staff, placing them on standby status.
- _____ 3. Review procedures for General Emergency.
- _____ 4. Maintain Site Emergency status until reduction, escalation or
termination of incident.

D. GENERAL EMERGENCY

- _____ 1. Initial notification will be received from the Chester County
DES.
- _____ 2. The Communications Center will notify the Central Resource
Receiving Point staff, advising them of the situation and
dispatching them to the Central Resource Receiving Point.
- _____ 3. Inventory and prepare necessary record forms.

- _____ 4. Coordinate preparation of Receiving Point facility to receive equipment and supplies.
- _____ 5. Assign staff to the following responsibilities:
 - a. Traffic Control
 - b. Communications
 - c. Receiving
 - d. Recordkeeping
 - e. Distribution
- _____ 6. Notify the Chester County Public Works/Industrial Liaison Group Chief when the Central Resource Receiving Point is activated.
- _____ 7. Maintain readiness.
- _____ 8. As supplies and equipment arrive at the Central Resource Receiving Point:
 - a. Arrange appropriate storage location.
 - b. Inventory and log.
 - c. Determine distribution.
 - d. Arrange distribution procedure.
 - e. Log out all items.
- _____ 9. Report activities regularly to the Chester County Public Works/Industrial Liaison Group Chief.

10. Maintain General Emergency status until notified by DES to terminate operations.

11. Following closing of the Central Resource Receiving Point, prepare a final report to include:
 - a. Names and addresses of all staff.
 - b. Inventory of all supplies and equipment.
 - c. Receiving and Distribution logs.
 - d. Hand receipts.
 - e. Message logs.

Forward this information to the Chester County DES.

ATTACHMENTS

Attachment 1: Reception and Mass Care Centers

Attachment 2: Municipal EOC's

ATTACHMENT 1

CHESTER COUNTY RECEPTION CENTERS AND MASS CARE CENTERS
FOR THE LIMERICK GENERATING STATION

I. RECEPTION CENTER: Morgan Corporation (Located in Berks County, but operated under the direction of Chester County DES)

<u>A. Assigned Municipalities</u>	<u>Evacuating Population</u>	<u>Mass Care Requirement</u>
1. North Coventry Township*	3000	1500
2. South Coventry Township*	956	478
3. East Nantmeal Township*	732	366
4. Warwick Township	2115	1058
5. East Coventry Township	<u>4085</u>	<u>2043</u>
Total	10,888	5445

<u>B. Assigned Mass Care Centers</u>	<u>Capacity</u>
1. Octorara Middle School	3999
2. Octorara High School	<u>3999</u>
Total	7998

II. RECEPTION CENTER: Downingtown High School

<u>A. Assigned Municipalities</u>	<u>Evacuating Population</u>	<u>Mass Care Requirement</u>
1. South Coventry Township*	600	300
2. East Nantmeal Township*	490	245
3. West Vincent Township	1992	996
4. Upper Uwchlan/Uwchlan Township	<u>1353</u>	<u>677</u>
Total	4435	2218

<u>B. Assigned Mass Care Centers</u>	<u>Capacity</u>
1. Gordon Jr. High School	798
2. South Brandywine Jr. High School	<u>2034</u>
Total	2832

* Other portions of these municipalities are assigned to another reception center. See Evacuation Plan Map, Annex W, Appendix 3.

III. RECEPTION CENTER: Exton Mall

<u>A. Assigned Municipalities</u>	<u>Evacuating Population</u>	<u>Mass Care Requirement</u>
1. Spring City Borough	3389	1695
2. East Vincent Township	4739	2370
3. East Pikeland Township	4410	2205
4. West Pikeland Township	<u>1536</u>	<u>768</u>
Total	14,074	7038

<u>B. Assigned Mass Care Centers</u>	<u>Capacity</u>
1. Scott Intermediate School	2538
2. Carl Benner Jr. High School	1175
3. Stetson Middle School	1400
4. Unionville - Chadds Ford Middle School	2008
5. Unionville Elementary School	<u>2046</u>
Total	9167

IV. RECEPTION CENTER: Stetson Middle School

<u>A. Assigned Municipalities</u>	<u>Evacuating Population</u>	<u>Mass Care Requirement</u>
1. Charlestown Township	2770	1385
2. Schuylkill Township	5993	2997
3. Phoenixville Borough	<u>14,165</u>	<u>7083</u>
Total	22,928	11,465

<u>B. Assigned Mass Care Centers</u>	<u>Capacity</u>
1. Kennett Jr/Sr High School	3483
2. Mary D. Long Elementary School	1800
3. Avon Grove Jr/Sr High School	2261
4. Fred S. Engle Middle School	3065
5. Lincoln University	<u>3996</u>
Total	14,605

Summary:

Total Evacuating Population: 56,489
 Total Mass Care Requirement: 28,245
 Total Designated Mass Care Space: 34,602

NOTE: The first two mass care facilities listed under each reception center are the "primary" mass care centers. These centers will be the first activated.

ATTACHMENT 2

MUNICIPAL EOC LOCATIONS

Charlestown Township.....	Great Valley Administration Building	TBD
East Coventry Township.....	Ridge Fire Company	495-6063
East Nantmeal Township.....	Township Bldg., Route 401	458-5780
East Pikeland Township.....	Kimberton Fire Company	933-9961
East Vincent Township.....	Township Bldg., 55 Ridge Road	933-4424
North Coventry Township.....	Township Bldg., 873 S. Hanover St.	323-1694
Phoenixville.....	E. Wing, Phoenixville Hosp, 140 Nutt Rd.	933-8801
Schuylkill Township.....	Township Bldg., 801 Valley Park Rd.	933-5843
South Coventry Township.....	Township Building	TBD
Spring City.....	Borough Bldg., Hall & Church Sts.	948-3660
Upper Uwchlan Township.....	Township Building	TBD
Uwchlan Township.....	Township Bldg., 715 N. Ship Road	363-9450
Warwick Township.....	Township Building, Warwick	286-5557
West Pikeland Township.....	Pikeland Road/Route 113	827-9218
West Vincent Township.....	Township Building, Birchrunville	827-7932

CHESTER COUNTY DEPARTMENT OF EMERGENCY SERVICES

STANDARD OPERATING PROCEDURE

RECEPTION CENTER MANAGER

I. PURPOSE

The purpose of this procedure is to support Chester County's response to an incident at the Limerick Generating Station by assigning evacuees to mass care centers and maintaining an accurate count of evacuees.

II. REFERENCES

A. Annex J, Chester County Limerick RERP

B. Annex L, Chester County Limerick RERP

III. RESPONSIBILITIES

A. Reception Center Manager

1. Acknowledge receipt of notification and make a written record of the information received, including date and time.
2. Have County Communications Center issue mobilization instructions to reception center staff.
3. Confirm details of reception center operations with the person in charge of the reception center facility.
4. Brief reception center staff, assigning responsibilities to include the following:
 - a. Traffic Control
 - b. Communications

- c. Map distribution/mass care center assignment
- d. Maintenance of evacuee count

- 5. Coordinate Reception Center operations.
- 6. Maintain regular communications with the Chester County Mass Care Group.
- 7. After the reception center is closed, take necessary steps to prepare the facility for return to its owner.

B. Chester County Department of Emergency Services

- 1. Provision of maps, showing routes from the reception center to mass care centers, and other necessary information and material, will be delivered by the Chester County EMA to the reception center at Site Emergency.

IV. OPERATIONAL PROCEDURES

A. UNUSUAL EVENT

No action necessary.

B. ALERT

1. Initial notification will be received from the Chester County
(time) DES.
2. Have County Communications Center notify reception center staff
advising them of the situation. No mobilization of staff is
necessary at this time.

NOTES:

- _____ 10. As evacuees arrive at the reception center:
- a. Determine whether they need a place to stay.
 - b. Assign appropriate mass care accommodations, if needed.
 - c. Distribute one (1) map per person requiring mass care space. (Every person in a vehicle who is going to a mass care center must receive a map. This will maintain a proper count of evacuees and mass care capacity.)
- _____ 11. Traffic control staff should maintain a vehicle count.
- _____ 12. Notify the County Mass Care Group when fewer than one hundred (100) mass care spaces remain for a given center.
- _____ 13. Report figures on evacuees processed, mass care assignments, and any unmet needs to the Chester County Mass Care Group on an hourly basis, or as needed.

NOTES:

ATTACHMENTS

Attachment 1: Evacuation Routes and Reception Centers

Attachment 2: Activation of Reception Center

ATTACHMENT 1

EVACUATION ROUTES AND RECEPTION CENTERS

<u>Municipality</u>	<u>Evacuation Route</u>	<u>Reception Center</u>
Charlestown Township	29 South	Stetson Middle School
East Coventry Township	23 West	Morgan Corporation
East Nantmeal Township (West)	23 West	Morgan Corporation
East Nantmeal Township (East)	100 South (to 113 S)	Downingtown High School
East Pikeland Township	113 South (to Gordon Drive to 100 S)	Exton Mall
East Vincent Township	23 East (to 113 S)	Exton Mall
North Coventry Township (North)	724 West	Cumru Elementary
North Coventry Township (South)	100 South (to 23 W)	Morgan Corporation
Phoenixville Borough (North)	23 East (to 202 S)	Stetson Middle School
Phoenixville Borough (South)	29 South (to 202 S)	Stetson Middle School
Schuylkill Township (East)	23 East (to 202 S)	Stetson Middle School
Schuylkill Township (West)	29 South (to 202 S)	Stetson Middle School
South Coventry Township	23 West	Morgan Corporation
Spring City Borough	724 East (to 113 S)	Exton Mall

Upper Uwchlan/Uwchlan Township	100 South (to 113
Warwick Township	23 West
West Pikeland Township	113 South (to Gorn Drive to 100 S)
West Vincent Township	100 South (to 113

Note: See the Evacuation Plan Map, Annex W, Appendix
representation of the above.

ATTACHMENT 2

ACTIVATION OF RECEPTION CENTERS

I. ACTIVATION

The order to activate reception centers is issued by the Director of the Chester County Department of Emergency Services or his designee. Once the order to activate is issued, the Mass Care Group Chief is notified to contact reception center managers. Reception center managers are responsible for notifying and activating their respective staffs.

II. CONCEPT OF OPERATIONS

A. UNUSUAL EVENT:

No action required.

B. ALERT:

1. County DES Director notifies the Mass Care Group Chief.
2. Mass Care Group Chief notifies Reception Center Managers informing them of the emergency status and instructing them to contact their respective staffs assuring availability.
3. Reception Center Managers notify staff and make preliminary assignments.
4. Mass Care Group Chief coordinates with the Communications and Police Group Chief on assignment of an ARES operator and traffic control personnel at reception centers.

C. SITE EMERGENCY

1. If this is the initial emergency level, perform all appropriate actions listed under ALERT—above.
2. Mass Care Group Chief reports to the EOC and notifies Reception Center Managers to place reception centers on standby status.
3. Mass Care Group Chief confirms assignment of ARES and traffic control personnel with Communications and Police Group Chiefs, respectively.
4. Mass Care Group Chief contacts reception center facility owner/operators to notify them of the need to utilize facilities.
5. Reception Center Managers notify staff to report to assigned reception centers and Managers pick up strip maps from the County EOC.
6. Upon arrival at reception center, Reception Center Manager briefs staff on emergency status and reviews responsibilities and procedures.
7. Reception Center Manager provides periodic status reports to the County EOC.

D. GENERAL EMERGENCY:

1. If this is the initial emergency level, perform all actions listed for SITE EMERGENCY above.
2. Activate reception centers:
 - a. Reception Center Manager will assign staff to distribute strip maps and to assist with internal traffic control.

- b. ONE strip map will be given to EACH evacuee. Once all the strip maps to a particular mass care center have been distributed, meaning that mass care center is at its capacity, reception center personnel will begin distribution of the next set of strip maps.
 - c. Reception Center personnel will not divide family groups when distributing strip maps.
 - d. Reception Center Managers will keep the County EOC informed of mass care center needs through ARES. *
3. Upon closing of the reception center, the Manager will take all necessary steps to return the facility to its original condition.
4. Upon conclusion of duties, the Reception Center Manager should prepare an after-action report to include:
- a. Summary of all activities with statistics on the total number of evacuees processed.
 - b. Names and addresses of participating staff.
 - c. Message log.