

264

RELATED CORRESPONDENCE

PHILADELPHIA ELECTRIC COMPANY

2301 MARKET STREET

P.O. BOX 8699

PHILADELPHIA, PA. 19101

(215) 841-4000

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August 20, 1984

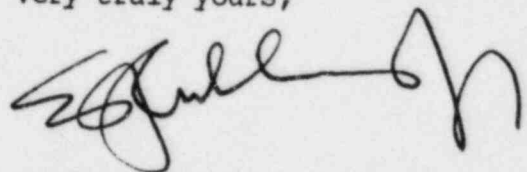
Ms. Maureen Mulligan
Limerick Ecology Action
762 Queen Street
Pottstown, PA 19464

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

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 15, 1984, and provide additional correspondence dated June 11, 1984 through August 8, 1984.

Very truly yours,



Edward J. Cullen, Jr.

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

8408240262 840820
PDR ADOCK 05000352
G PDR

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. 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)

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August 20, 1984

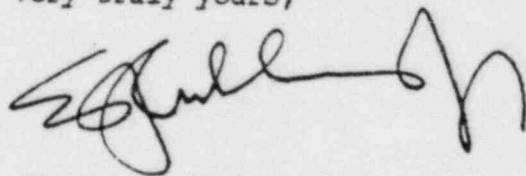
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encs.
cc: See Attached Service List
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Mr. Frank R. Romano	(w/o enclosure)
Mr. Robert L. Anthony	(w/o enclosure)
Zori G. Ferkin, Esq.	(w/enclosure)
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James Wiggins	(w/o enclosure)
Timothy R. S. Campbell	(w/o enclosure)

RELATED CORRESPONDENCE

WEST PIKELAND TOWNSHIP
CHESTER COUNTY
RADIOLOGICAL EMERGENCY RESPONSE PLAN
FOR INCIDENTS AT THE
LIMERICK GENERATING STATION
IMPLEMENTING PROCEDURES

JULY 1984

Copy Number _____

Draft 6

IMPLEMENTING PROCEDURES

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INTRODUCTION

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

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

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

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

Implementing procedures contained herein are assigned to the respective West Pikeland EMA staff officers:

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

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

ANNEX A

Implementing Procedure*

Emergency Management Coordinator

Emergency Management Coordinator: Robert W. Rometsch

Alternate: Ben J. Sayyese

UNUSUAL EVENT

1. If notified, document:

a. Date: _____

b. Time: _____

c. Source: _____

d. Details: _____

e. Actions Recommended: _____

f. Actions Taken: _____

*Note: This procedure has been modified to include Communication Procedures.

Implementing Procedure
Emergency Management Coordinator

ALERT

1. Document:






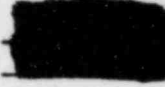
a. Date: _____

b. Time: _____

c. Source: _____

d. Details: _____

2. Notify:

	Telephone	Time
a. Elected Officials		
Alfred R. Brady	 home _____ office	_____ _____
George Irwin	 home _____ office	_____ _____
Andrew McCreight	 home & _____ office	_____
b. Key Staff		
Deputy Coordinator Ben Saygese	 home	_____ _____
Radiological Officer Leo O'Brien	 home _____ office	_____ _____
or Deputy _____	_____ home _____ office	_____ _____
Police Services Officer Sid Brown	 home _____ office	_____ _____
or Deputy _____	_____ home _____ office	_____ _____

Have key staff report to EUC. _____
(time)

3. Verify that the following have been notified:

- | | Telephone | Time |
|---|---------------------------------|-------|
| a. Police Department | [REDACTED]
Township Building | _____ |
| b. Verification Message: | | |
| "This is <u> (name & title) </u> . I would like to verify that you have been notified that an incident classification of 'Alert' has been declared at the Limerick Generating Station." | | |

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

- a. Activated _____
(time)
- b. Municipal Liaison Officer is notified of EOC activation. _____
(time)
- c. Check communication systems for operability. _____
(time)
- d. Establish EOC security. _____
(time)
- e. Monitor EBS station WCOJ 1420 AM. _____
(time)
- f. Verify Route Alert Teams have been mobilized as necessary.
_____ (time)
- g. If public alert system has been activated, notify hearing impaired. _____
(time)
- h. In the event of a siren failure receive notification from the County that appropriate route alert teams have been dispatched. _____
(time)
- i. Verify the County has assigned a ARES unit to the Township EOC.
_____ (time)
- j. Log all incoming messages that provide information or require a response. Post pertinent information on status board.

5. Notify the following:

- | | Telephone | Time |
|---|--------------------------------------|----------------|
| a. Special Facilities | | |
| (1) Pen-Y-Bryn Equestrian Center LTD
Major J. Beale or
Sue McCauley | [REDACTED] | _____ |
| (2) Center for Performing Arts
Sue Howard | [REDACTED] home
[REDACTED] office | _____
_____ |
| (3) Chester Springs Library | [REDACTED] | _____ |

(4) Indian Springs Day Camp Dr. Mackrides

home _____
office _____
home _____

b. Message:

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

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

- 6. Ensure ARES operator contacts the County ARES base upon arrival at the Township EUC. _____ (time)
- 7. Report all unmet needs to the Municipal Liaison Officer. _____ (time)
- 8. Review remaining emergency procedures in the event of escalation.
- 9. Maintain Alert status until notified of termination, escalation or reduction of classification:
 - a. Date: _____
 - b. Time: _____
 - c. Source: _____
 - d. Disposition
 - (1) Termination _____
 - (2) Escalation _____
 - (3) Reduction _____

10. If escalation, accomplish appropriate Implementing Procedure. If termination, verify/notify the following:

a. Verification:

(1) Police Department

Telephone

Time

Township Building

(2) Verification Message:

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

b. Notification:

Telephone

Time

(1) Elected Officials

Alfred R. Brady

[REDACTED] home _____
[REDACTED] office _____

George Irwin

[REDACTED] home _____
[REDACTED] office _____

Andrew McCreight

[REDACTED] home & _____
[REDACTED] office _____

(2) Special Facilities

(a) Pen-Y-Bryn Equestrian Center LTD

Major J. Beale or
Sue McCauley

[REDACTED] _____

(b) Center for Performing Arts

Sue Howard

[REDACTED] home _____
[REDACTED] office _____

(c) Chester Springs Library

[REDACTED] _____

(d) Indian Spring Day Camp

Dr. Mackrides

[REDACTED] home _____
[REDACTED] office _____
[REDACTED] home _____

(3) Message:

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

11. Remarks/Actions Taken:

Implementing Procedure
Emergency Management Coordinator







SITE EMERGENCY

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

1. Document:

- a. Date: _____
- b. Time: _____
- c. Source: _____
- d. Details: _____

2. Notify:

	Telephone	Time
a. Elected Officials		
Alfred R. Brady	 home office	_____ _____
George Irwin	 home office	_____ _____
Andrew McCreight	 home & office	_____
b. Key Staff		
Deputy Coordinator Ben Saggese	 home	_____
Radiological Officer Leo U'Brien	 home office	_____ _____
or Deputy _____	_____ _____	home office _____ _____
Police Services Officer Sid Brown	 home office	_____ _____
or Deputy _____	_____ _____	home office _____ _____

Have key staff report to EOC. _____
(time)

3. Verify that the following have been notified:

	Telephone	Time
a. Police Department	██████████	_____
b. Verification Message:	Township Building	_____

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

4. Report to and activate the local Emergency Operations Center

- a. Activated _____
(time)
- b. Municipal Liaison Officer is notified of EOC activation. _____
(time)
- c. Communications systems checked for operability. _____
(time)
- d. Establish EOC security. _____
(time)
- e. Monitor EBS station WCOJ 1420 A/i. _____
(time)
- f. Verify Route Alert Teams have been mobilized as necessary.

(time)
- g. If the public alert system has been activated, notify hearing impaired. _____
(time)
- h. In the event of a siren receive notification from the County that appropriate route alert teams have been dispatched. _____
(time)
- i. Verify the County has assigned a ARES to the Township EOC.

(time)
- j. Log all incoming messages that provide information or require a response. Post pertinent information on status board.

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

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

7. Notify the following:

	Telephone	Time
a. Special Facilities		
(1) Pen-Y-Bryn Equestrian Center LTD Major J. Beale or Sue McCauley	██████████	_____

(2) Center for Performing Arts
Sue Howard

home _____
office _____

(3) Chester Springs Library

(4) Indian Springs Day Camp
Dr. Mackrides

home _____
office _____
home _____

b. Message:

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

8. Verify Resource Availability:

Ensure appropriate EOC staff have reviewed their respective resource inventories and have reported deficiencies to their respective counterparts in the County EOC; for example, the Township Fire Officer contacts the County Fire Officer. _____

(time)

9. Ensure Radiological Officer has distributed dosimeters/KI to emergency workers. _____

(time)

10. Review road conditions with EOC staff, i.e., there is no construction or other activity which would hinder movement of personnel or vehicles to/from the area. Ensure that the Police Services Officer and the County are aware of any problem areas. _____

(time)

11. Ensure ARES operator contacts the County ARES base upon arrival at the Township EOC. _____

(time)

12. Report all unmet needs to the Municipal Liaison Officer. _____

(time)

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

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

a. Date: _____

b. Time: _____

c. Source: _____

d. Disposition:

(1) Termination _____
(time)

(2) Escalation _____

(3) Reduction (time)

(time)

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

a. Verification:

	Telephone	Time
(1) Police Department	[REDACTED]	_____
	Township Building	

(2) Verification Message:

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

b. Notification

	Telephone	Time
(1) Elected Officials		
Alfred R. Brady	[REDACTED] home office	_____ _____
George Irwin	[REDACTED] home office	_____ _____
Andrew McCreight	[REDACTED] home & office	_____

(2) Special Facilities

(a) Pen-Y-Bryn Equestrian Center LTU Major J. Beale or Sue McCauley	[REDACTED]	_____
(b) Center for Performing Arts Sue Howard	[REDACTED] home office	_____ _____
(c) Chester Springs Library	[REDACTED]	_____
(d) Indian Springs Day Camp Dr. Mackrides	[REDACTED] home office home	_____ _____ _____

(3) Message:

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

(4) Indian Springs Day Camp
Dr. Mackrides



home _____
office _____
home _____

16. Remarks/Actions Taken:

Implementing Procedure
Emergency Management Coordinator

GENERAL EMERGENCY

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

1. Document:






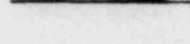





a. Date: _____

b. Time: _____

c. Source: _____

d. Details: _____

2. Notify:

	Telephone	Time
a. Elected Officials		
Alfred R. Brady	 home  office	_____ _____
George Irwin	 home  office	_____ _____
Andrew McCreight	 home &  office	_____ _____
b. Key Staff		
Deputy Coordinator Ben Saggese	 home	_____ _____
Radiological Officer Leo O'Brien	 home  office	_____ _____
or Deputy _____	_____ _____ home _____ office	_____ _____
Police Services Officer Sid Brown	 home  office	_____ _____
or Deputy _____	_____ _____ home _____ office	_____ _____

Have key staff report to EOC. _____
(time)

3. Verify that the following have been notified:

- | | Telephone | Time |
|--------------------------|-------------------|-------|
| a. Police Department | _____ | _____ |
| b. Verification Message: | Township Building | _____ |

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

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

- a. Activated _____
(time)
- b. Municipal Liaison Officer is notified of EOC activation. _____
(time)
- c. Communications systems checked for operability. _____
(time)
- d. Establish EOC security. _____
(time)
- e. Monitor EBS station WCOJ 1420 AM. _____
(time)
- f. Verify Route Alert Teams have been mobilized as necessary.

(time)
- g. Verify the County has assigned to a ARES to the Township EOC.


(time)
- h. Log all incoming messages that provide information or require a response. Post pertinent information on status board.

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

6. Notify the following:

- | | Telephone | Time |
|---|----------------------------|----------------|
| a. Special Facilities | | |
| (1) Pen-Y-Bryn Equestrian Center LTD
Major J. Beale or
Sue McCauley | _____ | _____ |
| (2) Center for Performing Arts
Sue Howard | _____ home
_____ office | _____
_____ |
| (3) Chester Springs Library | _____ | _____ |

(4) Indian Springs Day Camp
Dr. Mackrides

 home _____
office _____
home _____

b. Message:

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

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

7. Verify Resource Availability:
Ensure appropriate EOC staff have reviewed their respective resource inventories and have reported deficiencies to their respective counterparts in the County EOC; for example, the Township Fire Officer contacts County Fire Officer. _____
(time)
8. Ensure Radiological Officer has distributed dosimeters/KI to emergency workers and EOC Staff. _____
(time)
9. Ensure ARES operator contacts the County ARES base upon arrival at the township EOC. _____
(time)
10. Ensure Access Control Points have been manned. _____
(time)
11. Review _____ conditions with EOC staff, i.e., there is no construction or other activity which would hinder movement of personnel or vehicles to/from the area. Ensure that the Police Services Officer and the County are aware of any problem areas. _____
(time)
12. Report unmet needs to the Municipal Liaison Officer. _____
(time)
13. If sheltering is recommended:
 - a. When the public alert system has been activated, notify hearing impaired. _____
(time)
 - b. Monitor EBS station to ensure proper instructions are being given to the general population. _____
(time)
 - c. In the event of a siren failure receive notification from the County that appropriate route alert teams have been dispatched. _____
(time)
14. If evacuation is ordered:
 - a. When the public alert system has been activated, notify hearing impaired. _____
(time)

- b. Monitor EBS station to ensure proper instructions are being given to the general public. _____ (time)
- c. In the event of a siren failure receive notification from the County that appropriate route alert teams have been dispatched. _____ (time)
- d. Ensure Traffic Control Points have been manned. _____ (time)
- e. Assign sufficient emergency workers to Police Services Office to support transportation resources, i.e., one emergency worker should be available for each vehicle used to evacuate those persons who do not have transportation. _____ (time)
- f. Advise Municipal Liaison Officer of any additional unmet needs. _____ (time)
 - (1) _____
 - (2) _____
 - (3) _____
- g. Monitor evacuation process and report any problem areas to the Municipal Liaison Officer. _____ (time)
 - (1) _____
 - (2) _____
 - (3) _____

15. Maintain General Emergency status until:

- a. Reduction of classification. _____ (time)
- b. Termination of emergency. _____ (time)
- c. EOC must be evacuated. _____ (time)

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

a. Verification:

- | | | |
|---------------------------|-------------------------|------------|
| (1) Police Department | Telephone _____ | Time _____ |
| (2) Verification Message: | Township Building _____ | |

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

b. Notification

	Telephone	Time
(1) Elected Officials		
Alfred R. Brady	[REDACTED] home [REDACTED] office	_____ _____
George Irwin	[REDACTED] home [REDACTED] office	_____ _____
Andrew McCreight	[REDACTED] home & [REDACTED] office	_____
(2) Special Facilities		
(a) Pen-Y-Bryn Equestrian Center LTU Major J. Beale or Sue McCauley	[REDACTED]	_____
(b) Center for Performing Arts Sue Howard	[REDACTED] home [REDACTED] office	_____ _____
(c) Chester Springs Library	[REDACTED]	_____
(d) Indian Springs Day Camp Dr. Mackrides	[REDACTED] home [REDACTED] office [REDACTED] home	_____ _____ _____
(3) Message:		

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

17. If the EOC must be evacuated:
- a. If possible, wait until the municipality has been evacuated before leaving the EOC. _____
(time)
 - b. Secure the facility and proceed to alternate EOC located at Uwchlan Township Building. _____
(time)
 - c. Notify Chester County Municipal Liaison Officer upon your arrival at alternate EOC. _____
(time)

18. Remarks/Actions Taken:

ANNEX B
Implementing Procedure
Police Services*

Police Services Officer: Sid Brown
Alternate: (name)

UNUSUAL EVENT

No response necessary unless police services are required at the Limerick Generating Station.

ALERT

The Police Services Officer shall:

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

*Note: This procedure has been modified to include ambulance and transportation procedures.

Police Services

SITE EMERGENCY

The Police Services Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EUC. _____
(time)
 - b. Update the list of those individuals requiring special assistance in the event of evacuation (reference Appendix B-3). _____
(time)
 - (1) Notify County Medical Coordinator of changes in the list of those individuals requiring ambulance support. _____
(time)
 - (2) Notify County Transportation Officer of changes in the list of those individuals requiring special transportation support other than ambulance. _____
(time)
 - c. Update the list of those individuals who do not normally have transportation available 24-hours a day (reference Appendix B-5). _____
(time)
 - d. Review transportation resource requirements (reference Appendix B-4). _____
(time)
 - e. Notify the County Transportation Coordinator of any changes in requirements. _____
(time)
 - f. Proceed to Step 2.
2. If escalation from Alert or if proceeding from Step 1, then:
 - a. Mobilize, if necessary, additional police personnel (reference Appendix B-1) and have them report to police station. _____
(time)
 - b. Review Police personnel/equipment inventory (reference Appendix B-1), verify availability, and report unmet needs to County EUC, Police Services. _____
(time)
 - c. Ensure police emergency workers have been issued dosimeters-KI. _____
(time)
 - d. Review remaining emergency procedures in the event of escalation.
 - e. Maintain Site Emergency status until notified of termination, escalation or reduction of classification. (NOTE: If a protective action is recommended at Site Emergency, accomplish the appropriate steps indicated in the General Emergency section).

3. Upon termination, have emergency workers return dosimeters/unused KI to Township Radiological Officer.
4. Remarks/Actions Taken:

Police Services

GENERAL EMERGENCY

The Police Services Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EUC. _____
(time)
 - b. Update the list of those individuals requiring special assistance in the event of evacuation (reference Appendix B-3). _____
(time)
 - (1) Notify County Medical Coordinator of changes in the list of those individuals requiring ambulance support.

(time)
 - (2) Notify County Transportation Officer of changes in the list of those individuals requiring special transportation support other than ambulance. _____
(time)
 - c. Update the list of those individuals who do not normally have transportation available 24-hours a day (reference Appendix B-5).

(time)
 - d. Review transportation resources requirements (reference Appendix B-4). _____
(time)
 - e. Notify the County Transportation Coordinator of any changes in requirements. _____
(time)
 - f. Mobilize additional police personnel and have them report to police station (reference Appendix B-1). _____
(time)
 - g. Review police personnel/equipment inventory (reference Appendix B-1), verify availability, and report unmet needs to County EUC, Police Services. _____
(time)
 - h. Ensure police emergency workers have been issued dosimeters-KI. _____
(time)
 - i. Proceed to Step 2.
2. If escalation from Alert or Site Emergency, or if proceeding from Step 1, then:
 - a. If recommended protective action is sheltering,
 - (1) If requested, have Police Department personnel assist Fire Department with route alerting (reference Radiological Implementing Procedure). _____
(time)

- (2) Initiate increased security measures, i.e., increase vehicular patrols condition permitting and, if applicable, man Access Control Points (reference Appendix B-2). _____
(time)

b. If recommended protective action is evacuation,

- (1) Verify Traffic Control Points are manned (reference Appendix B-2). _____
(time)

- (2) Verify Access Control Points are manned (reference Appendix B-2). _____
(time)

- (3) Ensure that population requiring ambulance transportation is served. _____
(time)

- (4) Add to Appendix B-5 the names and addresses of those individuals who call in requesting transportation assistance. (Note: Multiple copies of this list may be necessary).

(time)

- (5) As transportation resource requirements, including those for special needs (vans, etc.), exceed availability (reference Appendix B-4), notify the County Transportation Coordinator of additional requirements. _____
(time)

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

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

- (8) Upon the arrival of vehicles at the municipal transportation staging area located at Hallmans General Store, ensure that an emergency worker is assigned to each vehicle. A list of names and addresses of persons to be picked-up should be provided for each vehicle along with instructions to return to the Township staging area where they will receive directions to the designated Reception Center and assigned Mass Care Center. Persons being evacuated by ambulance shall be evacuated to Pocopson Home, West Chester. Emergency workers need not accompany vehicles to reception facilities.

(time)

- (9) After population has evacuated, ensure police relocate to Lionville Fire Company. _____
(time)

- (10) Relocate to alternate EOC after population has departed. _____
(time)

3. Upon termination, have emergency workers return dosimeters/unused KI to Township Radiological Officer.

4. Remarks/Actions Taken:

POLICE - EMERGENCY RECALL ROSTER

(Names and telephone numbers are on file in Township EOC.)

POLICE- RESOURCE INVENTORY

2 cars

TRAFFIC CONTROL POINTS

<u>Post Number</u>	<u>Location</u>	<u>Responsible Police Organization</u>	<u># Officers Assigned</u>
43	Route 401 & Route 113	State	2
W. Pikeland 1	Route 113 & Pikeland Road	Township	1

ACCESS CONTROL POINTS

<u>Post Number</u>	<u>Location</u>	<u>Responsible Police Organization</u>	<u># Officers Assigned</u>
205	Route 401 & Seven Oaks Rd.	State	1
206	Davis Rd. & Upper Pine Creek Rd.	State	1

RESIDENTS WITH SPECIAL TRANSPORTATION REQUIREMENTS

- A. Residents Requiring Ambulance Support
List is on file in the EUC.
- B. Residents With Other Special Requirements
List is on file in the EUC.

PERSONS REQUIRING TRANSPORTATION ASSISTANCE

List is on file in the EOC.

TRANSPORTATION RESOURCE REQUIREMENTS

Vehicles Required

1 Bus

Vehicles Available

0 Buses

Unmet Needs

1 Bus

ANNEX C

Implementing Procedure

Radiological*

Radiological Officer: Leo O'Brien
Alternate: (name)

UNUSUAL EVENT

No response necessary.

ALERT

The Radiological Officer shall:

1. Upon request of Emergency Management Coordinator, report to the EUC.
_____ (time)
2. Inventory dosimeters/KI and prepare for distribution; complete a Receipt Form for Dosimetry - Survey Meters - KI (reference Appendix C-4).
_____ (time)
3. If required, verify mobilization of sufficient personnel to meet Route Alert Team requirements (reference Appendix C-2). _____ (time)
4. Review remaining emergency procedures in the event of escalation.
5. Maintain Alert status until notified of termination, escalation or reduction of classification.
6. Remarks/Actions Taken:

*Note: This procedure has been modified to include Fire and Public Works procedures.

Radiological

SITE EMERGENCY

The Radiological Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EUC. _____
(time)
 - b. Inventory dosimeters/KI and prepare for distribution; if applicable, complete a receipt form for dosimetry-survey meters-KI (reference Appendix C-4). _____
(time)
 - c. If required, verify mobilization of sufficient personnel to meet Route Alert Team requirements (reference Appendix C-2). _____
(time)
 - d. Proceed to Step 2.
2. If escalation from Alert, or if proceeding from Step 1, then:
 - a. Distribute dosimeters/KI to municipal emergency workers and EOC staff (reference Appendix C-4); obtain a signed receipt (reference Appendix C-6). _____
(time)
 - b. Ensure Public Works Department emergency workers have been issued dosimeters/KI. _____
(time)
 - c. Monitor weather conditions. _____
(time)
 - d. Review remaining emergency procedures in the event of escalation.
 - e. Maintain Site Emergency status until notified of termination, escalation or reduction of classification.
3. If termination, collect dosimeters/KI from emergency workers, inventory, and prepare for return to County EUC.
4. Remarks/Actions Taken:

Radiological

GENERAL EMERGENCY

The Radiological Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EOC. _____
(time)
 - b. Verify mobilization of sufficient personnel to meet Route Alert Team requirements (reference Appendix C-2). _____
(time)
 - c. Monitor weather conditions. _____
(time)
 - d. Inventory dosimeters/KI and prepare for distribution; if applicable, complete a receipt form for Dosimetry-Survey Meters-KI (reference Appendix C-4). _____
(time)
 - e. Distribute dosimeters/KI to municipal emergency workers and EOC Staff (reference Appendix C-4); obtain a signed receipt (reference Appendix C-5). _____
(time)
 - f. Proceed to Step 2.
2. If escalation from Alert or Site Emergency, or if proceeding from Step 1, then:
 - a. Monitor route alerting.

(time)
 - b. If recommended protective action is evacuation, be prepared to conduct road clearing operations as necessary. _____
(time)
 - c. Relocate to alternate EOC after population has departed.

(time)
3. Upon termination of emergency, collect dosimeters/KI from emergency workers, inventory, and prepare for return to County EOC. _____
(time)
4. Remarks/Actions Taken:

ROUTE ALERTING PROCEDURES

I. GENERAL

- A. West Pikeland Township is divided into 7 Sectors.
- B. Each Sector is assigned a Route Alert Team (reference Attachment 1).
- C. Two (2) persons should be assigned to each team.

II. PURPOSE

The purpose of route alerting is to supplement the public alert system in the event the system fails. It may also be used to alert the hearing impaired (reference Tab 2).

III. PROCEDURES

- A. When dispatched by Chester County Communications commence route alerting in designated sectors (reference Attachment 2).
- B. Route Alerting is accomplished by driving slowly along designated roads, periodically activating the vehicle siren and making the following announcement on the PA system:

"There is an emergency at the Limerick Generating Station; please tune to your EBS station WCOJ 1420 AM."
- C. Upon completion of route, notify Chester County Communications and return to station.

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

ROUTE ALERT TEAMS

Sector No. 47-C Alert Team: Lionville Fire Department

Leader: * _____

Assistant: * _____

Transient Location: None

Hearing Impaired: List is on file in the EOC.

Sector No. 47-D Alert Team: Lionville Fire Department

Leader: * _____

Assistant: * _____

Transient Location: None

Hearing Impaired: List is on file in the EOC.

Sector No. 47-E Alert Team: Lionville Fire Department

Leader: * _____

Assistant: * _____

Transient Location: None

Hearing Impaired: List is on file in the EOC.

Sector No. 47-F Alert Team: Lionville Fire Department

Leader: * _____

Assistant: * _____

Transient Location: None

Hearing Impaired: List is on file in the EOC.

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

Leader: * _____

Assistant: * _____

Transient Location: Indian Springs Day Camp

Hearing Impaired: List is on file in the EOC.

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

Leader: * _____

Assistant: * _____

Transient Location: None

Hearing Impaired: List is on file in the EOC.

Sector No. Alert Team: _____ Fire Department

Leader: * _____

Assistant: * _____

Transient Location: None

Hearing Impaired: List is on file in the EOC.

*Route Alert Teams will be determined at time of incident based upon available manpower. Names are on file at Fire Department.

ROUTE ALERTING SECTOR MAP

Map will be inserted in final draft.

MESSAGE - HEARING IMPAIRED

There is an emergency at the Limerick Generating Station.

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

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

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

MUNICIPAL DOSIMETRY-KI LIST

<u>AGENCY</u>	<u>NUMBER OF EMERGENCY WORKERS</u>
A. Emergency Management Agency West Pikeland Township Pikeland Road & Rt. 113 Chester Springs, PA	12
B. Police Department West Pikeland Township Route 113 Chester Springs, PA 19425	3
C. Public Works	5
Total Units of Dosimetry-KI Required	<u>20</u>

RECEIPT FORM FOR DOSIMETRY-SURVEY METERS-KI

ISSUED BY _____ ISSUED TO _____
 ADDRESS _____ ADDRESS _____
 RESPONSIBLE INDIVIDUAL _____
 TELEPHONE _____

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

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

RECEIVED BY: _____ TITLE _____
 SIGNATURE: X _____ DATE _____

Page: _____ of _____ pages

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

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

INSTRUCTIONS FOR DISTRIBUTION: Enter (1) or (0) in columns 2 and 6. Record the serial number of the DCA-622 in column 3 and the serial number of the TLD in column 4. By signing column 8, the individual accepts responsibility for each item indicated on the respective line and agrees to return these items (less the KI authorized to be used) upon request and automatically when the nuclear power plant incident is terminated.

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

DATE _____

NAME OF EMERGENCY ORGANIZATION _____

RESPONSIBLE INDIVIDUAL _____

ORGANIZATION ADDRESS _____

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

C-4-1

Draft 5

Implementing Procedure
Emergency Management Coordinator

ALERT

1. Document:



















a. Date: _____


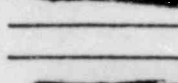

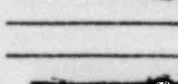





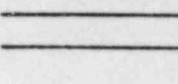
b. Time: _____

c. Source: _____

d. Details: _____


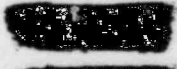

2. Notify:

a. Elected Officials	Telephone	Time
(1) George Graefe, Jr. President	 home  office	_____ _____
(2) William E. Legrandge, Jr.	 home  office	_____ _____
(3) Jacob S. Oxenford	 home  office	_____ _____
(4) Walter J. Alphin	 home  office	_____ _____
(5) Myron S. Wheeler	 home  office	_____ _____
b. Key Staff		
(1) Police Services Officer or deputy	 home  office  home  office	_____ _____ _____ _____
(2) Fire Chief - Amity or deputy	 home  office  home  office	_____ _____ _____ _____

(3) Communications Officer or deputy	 	home office home office	_____ _____ _____ _____
(4) Transportation Officer or deputy	 	home office home office	_____ _____ _____ _____
(5) Fire Chief - Monarch or Deputy	 	home office home office	_____ _____ _____ _____
(6) Public Works Officer or deputy	 	home office home office	_____ _____ _____ _____
(7) Radiological Officer or deputy	 	home office home office	_____ _____ _____ _____
(8) Deputy EMC		home office	_____ _____

Have key staff report to EOC. _____
(time)

3. Verify that the following have been notified:

	Telephone	Time
a. Police Department		_____
b. Fire Department Anity		_____
c. Fire Department - Monarch		_____
d. Verification Message:		

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

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

a. Activated _____
(time)

- b. County Municipal Liaison notified of EUC activation (376-4959).
_____ (time)
- c. Check communication systems for operability. _____ (time)
- d. Establish EUC security. _____ (time)
- e. Monitor EBS station WHUM 1240 AM. _____ (time)
- f. Ensure Route Alert Teams have been mobilized as necessary.
_____ (time)
- g. If public alert system has been activated, notify hearing impaired. _____ (time)
- h. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched.
_____ (time)

5. Verify that the following have been notified:

		Telephone	Time
a. Schools			
(1) Daniel Boone School District	Joseph Minella Superintendent	_____ home _____ office	_____ _____
(2) Amity Elementary Center	Ralph Bagnato Principal	_____ home _____ office	_____ _____
b. Major Industries			
(1) Kiwi Corporation	George Barrett Plant Engineer	_____ office	_____
	Phillip R. Metzler Personnel Director	_____ office	_____
(2) American Crane & Hoist, Inc.	Pat Olock General Manager	_____ office	_____
	Odevar Norhein Vice President	_____ home _____ office	_____ _____
(3) Precision Technology	Donald S. Volk	_____ office	_____

c. Verification Message:

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

6. Notify the following:

		Telephone	Time
a. Special Facilities			
(1) St. Paul's Christian Preschool	Carol Keane	[REDACTED] home office	_____
(2) Hickory Dickory Dock	Marie Nace	[REDACTED] home (unlisted) office	_____

b. Message:

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

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

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

- a. Date: _____
- b. Time: _____
- c. Source: _____
- d. Disposition
 - (1) Termination _____
 - (2) Escalation _____
 - (3) Reduction _____

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

	Telephone	Time
a. Verification:		
(1) Police Department	[REDACTED]	_____
(2) Fire Department Anity	[REDACTED]	_____

- (3) Fire Department - Monarch [redacted] _____
- (4) Schools
 - (a) Daniel Boone School District Joseph Minella Superintendent [redacted] home office _____
 - (b) Amity Elem. Center Ralph Bagnato Principal [redacted] home office _____
- (5) Major Industries
 - (a) Kiwi Corp.
 - George Barrett Plant Engineer [redacted] office _____
 - Phillip R. Metzler Personnel Director [redacted] office _____
 - (b) American Crane & Hoist, Inc.
 - Pat Ulock General Manager [redacted] office _____
 - Odevar Norhein Vice President [redacted] home office _____
 - (c) Precision Technology
 - Donald S. Volk [redacted] office _____

(6) Verification Message:

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

D. Notification:

	Telephone	Time
(1) Elected Officials		
(a) George Graefe, Jr. President	[redacted] home office _____	_____
(b) William E. Leyrandye, Jr.	[redacted] home office _____	_____
(c) Jacob S. Oxenford	[redacted] home office _____	_____
(d) Walter J. Alphin	[redacted] home office _____	_____
(e) Myron S. Wheeler	[redacted] home office _____	_____

(2) Special Facilities

(a) St. Paul's Carol Keane [redacted] home _____
Christian [redacted] office _____
Preschool

(b) Hickory Dickory Marie Nace [redacted] home _____
Dock (unlisted) _____
[redacted] office _____

(3) Message:

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

12. Remarks/Actions Taken:

Implementing Procedure

Emergency Management Coordinator

SITE EMERGENCY

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

1. Document:



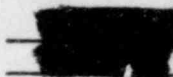






a. Date: _____

b. Time: _____

c. Source: _____

d. Details: _____

2. Notify:

	Telephone	Time
a. Elected Officials		
(1) George Graefe, Jr. President	 home office	_____ _____
(2) William E. Leyrandge, Jr.	 home office	_____ _____
(3) Jacob S. Oxenford	 home office	_____ _____
(4) Walter J. Alphin	 home office	_____ _____
(5) Myron S. Wheeler	 home office	_____ _____
b. Key Staff		
(1) Police Services Officer or deputy	 home office  home office	_____ _____ _____ _____
(2) Fire Chief - Amity or deputy	 home office  home office	_____ _____ _____ _____

- (3) Communications Officer
or
deputy
 - (4) Transportation Officer
or
deputy
 - (5) Fire Chief - Monarch
or
Deputy
 - (6) Public Works Officer
or
deputy
 - (7) Radiological Officer
or
deputy
 - (8) Deputy EMC
- _____ home
 _____ office
 _____ home
 _____ office

 _____ home
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 _____ home
 _____ office

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 _____ office

 _____ home
 _____ office
 _____ home
 _____ office

 _____ home
 _____ office
 _____ home
 _____ office

 _____ home
 _____ office
 _____ home
 _____ office

 _____ home
 _____ office

Have key staff report to EOC. _____
(time)

3. Verify that the following have been notified:

	Telephone	Time
a. Police Department	_____	_____
b. Fire Department Amity	_____	_____
c. Fire Department - Monarch	_____	_____
d. Verification Message:		

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

- 4. Report to and activate the local Emergency Operations Center
 - a. Activated _____
(time)
 - b. County Municipal Liaison notified of EOC activation (376-4959).
_____ (time)
 - c. Communications system checked for operability. _____
(time)

- d. Establish EOC security. _____
(time)
 - e. Monitor EBS station WHUM 1240 AM. _____
(time)
 - f. Ensure Route Alert Teams have been mobilized as necessary.

(time)
 - g. If the public alert system has been activated, notify hearing impaired. _____
(time)
 - h. In the event of a siren failure, receive information from the County that appropriate route alert have been dispatched. _____
(time)
5. Have additional emergency personnel report to the EOC (for 24-hour operation), or where needed.

	Telephone	Time
a. _____ name	_____ home _____ office	_____ _____
b. _____ name	_____ home _____ office	_____ _____
c. _____ name	_____ home _____ office	_____ _____

d. Message:

"This is _____ (name) _____. There has been a Site Emergency declared at the Limerick Generating Station and we are activating our Radiological Emergency Response Plan. Please report to the Township Building."

6. Ensure that appropriate EOC staff have placed their respective emergency workers on standby status. _____
(time)
7. Verify that the following have been notified:

	Telephone	Time
a. Schools		
(1) Daniel Boone School District	Joseph Minella Superintendent	_____ home _____ office
(2) Amity Elementary Center	Ralph Bagnato Principal	_____ home _____ office
b. Major Industries		
(1) Kiwi Corporation	George Barrett Plant Engineer	_____ office
	Phillip R. Metzler Personnel Director	_____ office

- | | | |
|----------------------------------|----------------------------------|--|
| (2) American Crane & Hoist, Inc. | Pat Olock
General Manager | [redacted] office _____ |
| | Odevar Norhein
Vice President | [redacted] home _____
[redacted] office _____ |
| (3) Precision Technology | Donald S. Volk | [redacted] office _____ |

c. Verification Message:

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

8. Notify the following:

- | | | Telephone | Time |
|------------------------------------|-------------|--|------|
| a. Special Facilities | | | |
| (1) St. Paul's Christian Preschool | Carol Keane | [redacted] home _____
[redacted] office _____ | |
| (2) Hickory Dickory Dock | Marie Nace | [redacted] home _____
(unlisted)
[redacted] office _____ | |

b. Message:

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

9. Verify Resource Availability:

Ensure appropriate EOC staff have reviewed their respective resource inventories and have reported deficiencies to you. Report all unmet needs to the County Municipal Liaison [redacted]. _____ (time)

10. Ensure Radiological Officer has distributed dosimeters/KI to emergency workers. _____ (time)
11. Review road conditions with EOC staff, i.e., there is no construction or other activity which would hinder movement of personnel or vehicles to/from the area. Ensure that the Transportation Officer and the County Municipal Liaison are aware of any problem areas. _____ (time)
12. Ensure RACES operator contacts the County RACES base upon arrival at municipal EOC. _____ (time)
13. Review remaining emergency procedures in the event of escalation.
14. Maintain Site Emergency status until notified of termination, escalation, or reduction of classification:

a. Date: _____

- b. Time: _____
- c. Source: _____
- d. Disposition:
 - (1) Termination _____
 - (2) Escalation _____
 - (3) Reduction _____

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

a. Verification:

		Telephone	Time
(1) Police Department		██████████	_____
(2) Fire Department Amity		██████████	_____
(3) Fire Department - Monarch		██████████	_____
(4) Schools			
(a) Daniel Boone School District	Joseph Minella Superintendent	██████████	home office _____
(b) Amity Elem. Center	Ralph Baynato Principal	██████████	home office _____
(5) Major Industries			
(a) Kiwi Corp.	George Barrett Plant Engineer	██████████	office _____
	Phillip R. Metzler Personnel Director	██████████	office _____
(b) American Crane & Hoist, Inc.	Pat Ulock General Manager	██████████	office _____
	Odevar Norhein Vice President	██████████	home office _____
(c) Precision Technology	Donald S. Volk	██████████	office _____
(6) Verification Message:			

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

b. Notification

		Telephone	Time
(1) Elected Officials			
(a)	George Graefe, Jr. President	[redacted] home [redacted] office	_____ _____
(b)	William E. Leyrandge, Jr.	[redacted] home [redacted] office	_____ _____
(c)	Jacob S. Oxenford	[redacted] home [redacted] office	_____ _____
(d)	Walter J. Alphin	[redacted] home [redacted] office	_____ _____
(e)	Myron S. Wheeler	[redacted] home [redacted] office	_____ _____
(2) Special Facilities			
(a)	St. Paul's Christian Preschool	Carol Keane [redacted] home [redacted] office	_____ _____
(b)	Hickory Dickory Dock	Marie Nace [redacted] home (unlisted) [redacted] office	_____ _____
(3) Message:			
"This is _____ (name/title) _____. The emergency at the Limerick Generating Station has been terminated/reduced to _____."			

16. Remarks/Actions Taken:

Implementing Procedure
Emergency Management Coordinator












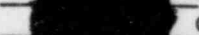






GENERAL EMERGENCY


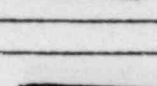

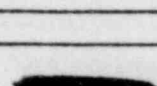


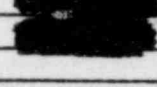


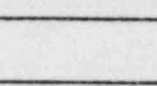
If this is the first notification or escalation from Unusual Event, accomplish all actions; if escalation from Alert or Site Emergency, Item 4 may be omitted:

1. Document:

- a. Date: _____
- b. Time: _____
- c. Source: _____
- d. Details: _____

2. Notify:

	Telephone	Time
a. Elected Officials		
(1) George Graefe, Jr. President	 home  office	_____ _____
(2) William E. Leyrandge, Jr.	 home  office	_____ _____
(3) Jacob S. Oxenford	 home  office	_____ _____
(4) Walter J. Alphin	 home  office	_____ _____
(5) Myron S. Wheeler	 home  office	_____ _____
b. Key Staff		
(1) Police Services Officer or deputy	 home  office  home  office	_____ _____ _____ _____
(2) Fire Chief - Anity or deputy	 home  office  home  office	_____ _____ _____ _____

(3) Communications Officer or deputy	 home _____ office _____  home _____ office _____
(4) Transportation Officer or deputy	 home _____ office _____  home _____ office _____
(5) Fire Chief - Monarch or Deputy	 home _____ office _____  home _____ office _____
(6) Public Works Officer or deputy	 home _____ office _____  home _____ office _____
(7) Radiological Officer or deputy	 home _____ office _____  home _____ office _____
(8) Deputy EMC	home _____ office _____

Have key staff report to EUC. _____ (time)

3. Verify that the following have been notified:

	Telephone	Time
a. Police Department		_____
b. Fire Department Amity		_____
c. Fire Department - Monarch		_____
d. Verification Message:		

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

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

a. Activated _____ (time)

- b. County Municipal Liaison notified of EOC activation [REDACTED].

 (time)
- c. Communications system checked for operability. _____
 (time)
- d. Establish EOC security. _____
 (time)
- e. Monitor EoS station WHUM 1240 AM. _____
 (time)
- f. Ensure Route Alert Teams have been mobilized as necessary.

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

6. Verify that the following have been notified:

		Telephone	Time
a. Schools			
(1) Daniel Boone School District	Joseph Minella Superintendent	[REDACTED]	home _____ office _____
(2) Amity Elementary Center	Ralph Bagnato Principal	[REDACTED]	home _____ office _____
b. Major Industries			
(1) Kiwi Corporation	George Barrett Plant Engineer	[REDACTED]	office _____
	Phillip R. Metzler Personnel Director	[REDACTED]	office _____
(2) American Crane & Hoist, Inc.	Pat Ulock General Manager	[REDACTED]	office _____
	Udevar Norhein Vice President	[REDACTED]	home _____ office _____
(3) Precision Technology	Donald S. Volk	[REDACTED]	office _____

c. Verification Message:

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

7. Notify the following:

		Telephone	Time
a. Special Facilities			
(1) St. Paul's Christian Preschool	Carol Keane	[redacted] home [redacted] office	_____ _____
(2) Hickory Dickory Dock	Marie Nace	[redacted] home (unlisted) [redacted] office	_____ _____ _____

b. Message:

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

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

8. Verify Resource Availability:

Ensure appropriate EUC staff have reviewed their respective resource inventories and have reported deficiencies to you. Report all unmet needs to the County Municipal Liaison [redacted] _____ (time)

9. Ensure Radiological Officer has distributed dosimeters/KI to emergency workers and EUC staff. _____ (time)
10. Review road conditions with EUC staff, i.e., there is no construction or other activity which would hinder movement of personnel or vehicles to/from the area. Ensure that the Transportation Officer and the County Municipal Liaison are aware of any problem areas. _____ (time)
11. Ensure RACES operator contacts the County RACES base upon arrival at Municipal EUC. _____ (time)
12. If sheltering is recommended:
- a. When public alert system has been activated, notify hearing impaired. _____ (time)
 - b. Monitor EBS station to ensure proper instructions are being given to the general population. _____ (time)
 - c. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched. _____ (time)
 - d. Ensure Access Control Points have been manned. _____ (time)

13. If evacuation is ordered:

- a. When the public alert system has been activated, notify hearing impaired. _____
(time)
- b. Monitor EBS station to ensure proper instructions are being given to the general public. _____
(time)
- c. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched. _____
(time)
- d. Ensure Access Control Points have been manned. _____
(time)
- e. Ensure Traffic Control Points have been manned. _____
(time)
- f. Assign sufficient emergency workers to Transportation Officer to support transportation resources, i.e., one emergency worker should be available for each vehicle used to evacuate those persons who do not have transportation. _____
(time)
- g. Advise County Municipal Liaison of any additional unmet needs (376-4959). _____
(time)
 - (1) _____
 - (2) _____
 - (3) _____
- h. Monitor evacuation process and report any problem areas to the County Municipal Liaison. _____
(time)
 - (1) _____
 - (2) _____
 - (3) _____

14. Maintain General Emergency status until:

- a. Reduction of classification. _____
(time)
- b. Termination of emergency. _____
(time)
- c. EOC must be evacuated. _____
(time)

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

a. Verification:

		Telephone	Time
(1)	Police Department	[REDACTED]	_____
(2)	Fire Department Amity	[REDACTED]	_____
(3)	Fire Department - Monarch	[REDACTED]	_____
(4)	Schools		
(a)	Daniel Boone School District	Joseph Minella Superintendent	[REDACTED] home office _____
(b)	Amity Elem. Center	Ralph Bagnato Principal	[REDACTED] home office _____
(5)	Major Industries		
(a)	Kiwi Corp.	George Barrett Plant Engineer	[REDACTED] office _____
		Phillip R. Metzler Personnel Director	[REDACTED] office _____
(b)	American Crane & Hoist, Inc.	Pat Olock General Manager	[REDACTED] office _____
		Odevar Norhein Vice President	[REDACTED] home office _____
(c)	Precision Technology	Donald S. Volk	[REDACTED] office _____
(6)	Verification Message:		

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

b. Notification

(1)	(a)	George Graefe, Jr. President	[REDACTED] home office _____
	(b)	William E. Leyrandge, Jr.	[REDACTED] home office _____
	(c)	Jacob S. Oxenford	[REDACTED] home office _____

(d) Walter J. Alphin

[redacted] home office _____
[redacted] office _____

(e) Myron S. Wheeler

[redacted] home office _____
[redacted] office _____

(2) Special Facilities

(a) St. Paul's Christian Preschool Carol Keane

[redacted] home office _____
[redacted] office _____

(b) Hickory Dickory Dock Marie Nace

[redacted] home (unlisted) office _____
[redacted] office _____

(3) Message:

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

16. Maintain General Emergency status until notified of termination or reduction of classification.

17. Remarks/Actions Taken:

Police Services

SITE EMERGENCY

The Police Services Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EOC. _____
(time)
 - b. Proceed to Step 2.
2. If escalation from Alert or if proceeding from Step 1, then:
 - a. Mobilize, if necessary, additional police personnel (reference Appendix B-1) and have them report to police station. _____
(time)
 - b. Review personnel/equipment inventory (reference Appendix B-1), verify availability, and report unmet needs to Municipal EMC. _____
(time)
 - c. Ensure police emergency workers have been issued dosimeters-KI. _____
(time)
 - d. Review remaining emergency procedures in the event of escalation.
 - e. Maintain Site Emergency status until notified of termination, reduction of classification or escalation. (NOTE: If a protective action is recommended at Site Emergency, accomplish the appropriate steps indicated in the General Emergency section).
3. If termination, have police personnel return dosimeters and unused KI to the Radiological Officer. _____
(time)
4. Remarks/Actions Taken

Police Services

GENERAL EMERGENCY

The Police Services Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EJC. _____
(time)
 - b. Mobilize additional police personnel and have them report to police station (reference Appendix B-1). _____
(time)
 - c. Review personnel/equipment inventory (reference Appendix B-1), verify availability, and report unmet needs to Municipal EMC.

(time)
 - d. Ensure police emergency workers have been issued dosimeters-KI.

(time)
 - e. Proceed to Step 2.
2. If escalation from Alert or Site Emergency, or if proceeding from Step 1, then:
 - a. If recommended protective action is sheltering,
 - (1) If requested, have Police Department personnel assist Fire Department with route alerting (reference Fire Services Implementing Procedure). _____
(time)
 - (2) Initiate increased security measures, i.e., increase vehicular patrols conditions permitting and, if applicable, man Access Control Points (reference Appendix B-2). _____
(time)
 - (3) Ensure Access Control Points are manned (reference Appendix B-2).
 - b. If recommended protective action is evacuation,
 - (1) Ensure Traffic Control Points are manned (reference Appendix B-2). _____
(time)
 - (2) Ensure Access Control Points are manned (reference Appendix B-2). _____
(time)
3. If termination, have police personnel return dosimeters and unused KI to the Radiological Officer. _____
(time)
4. Remarks/Actions Taken:

TRAFFIC CONTROL POINTS

<u>Post Number</u>	<u>Location</u>	<u>Responsible Police Organization</u>	<u># Officers Assigned</u>
PSP-5*	Route 422 & Route 662	PSP	2
PSP-6*	Route 422 & Limekiln Road	PSP	2
PSP-7*	Route 562 & Old Airport Road	PSP	2
A-1	Route 662 & Richards Ave.	Township	1
A-2	Route 662 & Nicholson Avenue	Township	1
A-3	Route 422 & Park Lane	Township	1
A-4	Route 422 & Old Airport Road	Township	1
A-5	Route 662 & Pine Forge Road	Township	1
A-6	Route 662 & Weavertown Road	Township	1
A-7	Old Airport Road & Route 662	Township	1

*Also Access Control Point

ACCESS CONTROL POINTS

<u>Post Number</u>	<u>Location</u>	<u>Responsible Police Organization</u>	<u># Officers Assigned</u>
103	Route 422 & Limekiln Road	PSP	2
104	Hill Road & Geiger Road	PSP	1
104-A	Old Airport Rd. & Weavertown Rd.	PSP	1
105	Route 562 & Old Airport Road	PSP	2

ANNEX C
Implementing Procedure
Fire Services

Fire Chief - Amity: Ron Henry
Fire Chief - Monarch: Lee Wansner

UNUSUAL EVENT

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

ALERT

The Fire Services Officer shall:

1. Upon request of Emergency Management Coordinator, report to the EUC.

(time)
2. If required, ensure mobilization of sufficient personnel to meet Route Alert Team requirements. (reference Appendix C-2). _____
(time)
3. Review remaining emergency procedures in the event of escalation.
4. Maintain Alert status until notified of termination, escalation or reduction of classification.
5. Remarks/Actions Taken:

Fire Services

SITE EMERGENCY

The Fire Services Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EUC. _____
(time)
 - b. If required, ensure mobilization of sufficient personnel to meet Route Alert Team requirements.(reference Appendix C-2). _____
(time)
 - c. Proceed to Step 2.
2. If escalation from Alert, or if proceeding from Step 1, then:
 - a. Mobilize additional personnel as necessary and have them report to fire station (reference Appendix C-1). _____
(time)
 - b. Ensure Fire Department Emergency workers have been issued dosimeters/KI. _____
(time)
 - c. Review personnel/equipment inventory (reference Appendix C-1), verify availability, and report unmet needs to Municipal EMC. _____
(time)
 - d. Review remaining emergency procedures in the event of escalation.
 - e. Maintain Site Emergency status until notified of escalation, termination or reduction of classification.
3. If termination, have fire personnel return dosimeters and unused KI to the Radiological Officer. _____
(time)
4. Remarks/Actions Taken:

Fire Services

GENERAL EMERGENCY

The Fire Services Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EUC. _____
(time)
 - b. Ensure mobilization of sufficient personnel to meet Route Alert Team requirements. (reference Appendix C-2). _____
(time)
 - c. Mobilize additional fire personnel and have them report to fire station (reference Appendix C-1). _____
(time)
 - d. Ensure Fire Department emergency workers have been issued dosimeters/KI. _____
(time)
 - e. Review personnel/equipment inventory (reference Appendix C-1), verify availability, and report unmet needs to Municipal EMC.

(time)
 - f. Proceed to Step 2.
2. If escalation from Alert or Site Emergency, or if proceeding from Step 1, then:
 - a. Monitor route alerting, if required. _____
(time)
3. If termination, have fire personnel return dosimeters and unused KI to Radiological Officer. _____
(time)
4. Remarks/Actions Taken:

ROUTE ALERTING TEAMS

I. GENERAL

- A. The Amity Township is divided into 4 Sectors.
- B. Each Sector is assigned a Route Alert Team (reference Attachment 1).
- C. Two (2) persons should be assigned to each team.

II. PURPOSE

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

III. PROCEDURES

- A. When dispatched by Berks County, commence route alerting in designated sectors (reference Attachment 2).
- B. Route Alerting is accomplished by driving slowly along designated roads, periodically activating the vehicle siren and making the following announcement on the PA system:

"There is an emergency at the Limerick Generating Station; please tune to your EBS station WHUM 1240 AM."
- C. Upon completion of route, notify Berks County and return to station.

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

ROUTE ALERT TEAMS

Sector No. 1 Alert Team: Anity Fire Department

Leader: _____

Assistant: _____

Transient Location(s): _____

Hearing Impaired: List will be on file in the EOC.

Sector No. 2 Alert Team: Anity Fire Department

Leader: _____

Assistant: _____

Transient Location(s): _____

Hearing Impaired: List will be on file in the EOC.

Sector No. 3 Alert Team: Monarch Fire Department

Leader: _____

Assistant: _____

Transient Location(s): _____

Hearing Impaired: List will be on file in the EOC.

Sector No. 4 Alert Team: Monarch Fire Department

Leader: _____

Assistant: _____

Transient Location(s): _____

Hearing Impaired: List will be on file in the EOC.

ANNEX D
Implementing Procedure
Communications*

Communications Officer: Matthew Beckett
Alternate: (name)

UNUSUAL EVENT

No response required.

ALERT

The Communications Officer shall:

1. Upon request of the Emergency Management Coordinator, report to the EUC.
_____ (time)
2. Verify the County has assigned a RACES unit to the Municipal EUC.
_____ (time)
3. Log all messages which provide information or require action. _____ (time)
Post pertinent information on status board.
4. Update the list of those individuals requiring special assistance in the event of evacuation (reference Appendix D-2). _____ (time)
 - a. Notify Municipal EMC of changes in the list of those individuals requiring ambulance support. _____ (time)
 - b. Notify Municipal Transportation Officer of changes in the list of those individuals requiring special transportation support other than ambulance. _____ (time)
5. Review equipment inventory (reference Annex D-1), verify availability, and report unmet needs to Municipal EMC. _____ (time)
6. Review remaining emergency procedures in the event of escalation.
7. Maintain Alert status until notified of termination, escalation or reduction of classification.
8. Remarks/Actions Taken:

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

Communications

SITE EMERGENCY

The Communications Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, Then:
 - a. Report to the EUC. _____
(time)
 - b. Verify the County has assigned a RACES unit to the EUC. _____
(time)
 - c. Log all messages which provide information or require action. Post pertinent information on status board. _____
(time)
 - d. Review equipment inventory (reference Appendix E-1), verify availability, and report unmet needs to Municipal EMC.

(time)
 - e. Update the list of those individuals requiring special assistance in the event of evacuation (reference Appendix D-2). _____
(time)
 - (1) Notify Municipal EMC of changes in the list of those individuals requiring ambulance support. _____
(time)
 - (2) Notify Municipal Transportation Officer of changes in the list of those individuals requiring special transportation support other than ambulance. _____
(time)
 - f. Ensure communications emergency workers have been issued dosimeters/KI. _____
(time)
 - g. Proceed to Step 2.
2. If escalation from Alert, or if proceeding from Step 1, then:
 - a. Review remaining procedures in the event of escalation.
 - b. Maintain Site Emergency status until notified of termination, escalation or reduction of classification.
3. If termination, return dosimeters and unused KI to the Radiological Officer. _____
(time)
4. Remarks/Actions Taken:

Communications

GENERAL EMERGENCY

The Communications Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EOC. _____
(time)
 - b. Verify the County has assigned a RACES unit to the EOC. _____
(time)
 - c. Log all message which provide information or require action. Post pertinent information status board. _____
(time)
 - d. Review equipment inventory (reference Appendix E-1), verify availability, and report unmet needs to Municipal EMC. _____
(time)
 - e. Update the list of those individuals requiring special assistance in the event of evacuation (reference Appendix D-2). _____
(time)
 - (1) Notify Municipal EMC of changes in the list of those individuals requiring ambulance support. _____
(time)
 - (2) Notify Municipal Transportation Officer of changes in the list of those individuals requiring special transportation support other than ambulance. _____
(time)
 - f. Ensure communication emergency workers have been issued dosimeters/KI. _____
(time)
 - g. Proceed to Step 2.
2. If escalation from Alert or Site Emergency, or if proceeding from Step 1, then:
 - a. If recommended protective action is evacuation, ensure that population requiring ambulance transportation is served. _____
(time)
3. If termination, return dosimeters and unused KI to Radiological Officer. _____
(time)
4. Remarks/Actions Taken:

Transportation

GENERAL EMERGENCY

The Transportation Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then
 - a. Report to the EOC. _____
(time)
 - b. Update the list of those individuals who do not normally have transportation available 24-hours a day (reference Appendix E-1).

(time)
 - c. Contact the Communications Officer to obtain a list of those individuals who require specialized transportation (other than ambulances). _____
(time)
 - d. Proceed to Step 2.

2. If escalation from Alert or Site Emergency, or if proceeding from Step 1, then:
 - a. If recommended protective action is sheltering, no further action is required.
 - b. If recommended protective action is evacuation, then:
 - (1) Add to Appendix E-1 the names and addresses of those individuals who call in requesting transportation assistance.* (Note: Multiple copies of this list may be necessary). _____
(time)
 - (2) As transportation resource requirements, including those for special needs (vans, etc.), exceed availability (reference Appendix E-2), notify the Municipal EMC of additional requirements. _____
(time)
 - (3) Inform the EMC of the number of vehicles that have been requested thru the County and request that an emergency worker be made available for assisting each vehicle. _____
(time)
 - c. Prepare a list of names and addresses of persons to be picked up for each vehicle including ambulances. _____
(time)
 - d. Upon the arrival of vehicles at the municipal transportation staging area located at the Township Building, ensure that an emergency worker is assigned to each vehicle. A list of names and addresses of persons to be picked-up should be provided for each vehicle along with

*A pick-up point can be established at Reyner's IGA to accommodate Amity Gardens.

instructions to return to the municipal transportation staging area where they will receive directions to the designated Reception Center and assigned Mass Care Center. Persons being evacuated by ambulance shall be evacuated to St. Joseph Hospital, Reading. Emergency workers need not accompany vehicles to reception facilities. _____

(time)

3. If termination, return dosimeters and unused KI to Radiological Officer.

(time)

4. Remarks/Actions Taken:

- 100 -

Implementing Procedure
Emergency Management Coordinator

ALERT

1. Document:




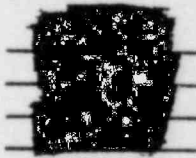

a. Date: _____

b. Time: _____

c. Source: _____

d. Details: _____

2. Notify:

	Telephone	Time
a. Elected Officials		
(1) Leonard Gehringer	 home office	_____ _____
(2) Harvey Miller	 home office	_____ _____
(3) Herbert Reeves	 home office	_____ _____
b. Key Staff		
(1) Deputy Coordinator Donna Reeves	_____ home office	_____ _____
(2) Fire Services Officer Russ Gehman or Ernie Gehman	 home office home office	_____ _____ _____ _____
(3) Transportation Officer Sandra Moser or Bill Gross	 home office home office	_____ _____ _____ _____

Have key staff report to EOC. _____
(time)

3. Verify that the following have been notified:

- | | Telephone | Time |
|--------------------------|---|-------|
| a. Barto Fire Department |  | _____ |
| b. Bally Ambulance |  | _____ |
| c. Verification Message: | | |

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

4. Report to and activate local Emergency Operations Center (EOC).
 - a. Activated _____ (time)
 - b. County Municipal Liaison Officer notified of EOC activation (376-4959). _____ (time)
 - c. Check communications systems for operability. _____ (time)
 - d. Establish EOC security. _____ (time)
 - e. Monitor EBS station WHUM 1240 AM. _____ (time)
 - f. Ensure Route Alert Teams have been mobilized as necessary. _____ (time)
 - g. If public alert system has been activated, notify hearing impaired _____ (time)
 - h. In the event of a siren failure receive notification from the County that appropriate route alert teams have been dispatched. _____ (time)
 - i. Verify the County has assigned a RACES unit to the Township EOC. _____ (time)
 - j. Log all incoming messages that provide information or require a response. Post pertinent information on status board.

5. Notify the following:

- | | Telephone | Time |
|------------------------|--|-------|
| a. Special Facilities | | |
| (1) Grandview Speedway |  office | _____ |
| b. Message: | | |

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

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

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

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

8. Report all unmet needs to the County Municipal Liaison Officer.

(time)

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

a. Date: _____

b. Time: _____

c. Source: _____

d. Disposition

(1) Termination _____

(2) Escalation _____

(3) Reduction _____

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

A. Verification

	Telephone	Time
(1) Barto Fire Department	_____	_____
(2) Bally Ambulance	_____	_____
(3) Verification Message:		

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

B. Notification

	Telephone	Time
(1) Elected Officials		
(a) Leonard Gehringer	_____ home _____ office	_____ _____

(b) Harvey Miller

[redacted] home _____
[redacted] office _____
[redacted] home _____
[redacted] office _____

(c) Herbert Reeves

(2) Special Facilities

(a) Grandview Speedway

[redacted] office _____

(3) Message:

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

11. Remarks/Actions Taken:

Implementing Procedure
Emergency Management Coordinator

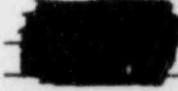
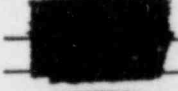

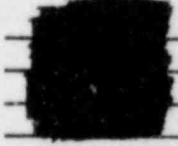
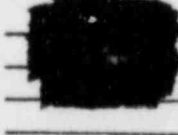
SITE EMERGENCY

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

1. Document:

- a. Date: _____
- b. Time: _____
- c. Source: _____
- d. Details: _____

2. Notify:

	Telephone	Time
a. Elected Officials		
(1) Leonard Gehringer	 home office	_____ _____
(2) Harvey Miller	 home office	_____ _____
(3) Herbert Reeves	 home office	_____ _____
b. Key Staff		
(1) Deputy Coordinator Donna Reeves	_____ _____ home office	_____ _____
(2) Fire Services Officer Russ Gehman or Ernie Gehman	 home office home office	_____ _____ _____ _____
(3) Transportation Officer Sandra Moser or Bill Gross	 home office home office	_____ _____ _____ _____

3. Verify that the following have been notified:

3. Verify that the following have been notified:

	Telephone	Time
a. Barto Fire Department		_____
b. Bally Ambulance		_____
c. Verification Message:		

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

4. Report to and activate the local Emergency Operations Center

- a. Activated _____ (time)
- b. County Municipal Liaison Officer notified of EOC activation (376-4959). _____ (time)
- c. Communications systems checked for operability. _____ (time)
- d. Establish EOC security. _____ (time)
- e. Monitor EBS station WHUM 1240 AM. _____ (time)
- f. Ensure Route Alert Teams have been mobilized as necessary. _____ (time)
- g. If the public alert system has been activated, notify hearing impaired. _____ (time)
- h. In the event of a siren failure receive notification from the County that appropriate route alert teams have been dispatched. _____ (time)
- i. Verify the County has assigned a RACES unit to the Township EOC. _____ (time)
- j. Log all incoming messages that provide information or require a response. Post pertinent information on status board.

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

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

7. Notify the following:

	Telephone	Time
a. Special Facilities		
(1) Grandview Speedway	 office	_____

b. Message:

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

8. Verify Resource Availability:

Ensure appropriate EUC staff have reviewed their respective resource inventories and have reported deficiencies to you. _____ (time)

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

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

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

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

13. Report all unmet needs to the County Municipal Liaison Officer. _____ (time)

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

a. Date: _____

b. Time: _____

c. Source: _____

d. Disposition:

(1) Termination _____

(2) Escalation _____

(3) Reduction _____

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





a. Verification:

	Telephone	Time
(1) Barto Fire Department	██████████	_____
(2) Bally Ambulance	██████████	_____

(3) Verification Message:

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

b. Notification

	Telephone	Time
(1) Elected Officials		
(a) Leonard Gehringer	 home office	_____ _____
(b) Harvey Miller	 home office	_____ _____
(c) Herbert Reeves	 home office	_____ _____
(2) Special Facilities		
(a) Grandview Speedway	 office	_____

(3) Message:

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

16. Remarks/Actions Taken:

Implementing Procedure

Emergency Management Coordinator

GENERAL EMERGENCY

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

1. Document:






a. Date: _____

b. Time: _____

c. Source: _____

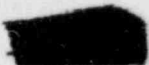

d. Details: _____

2. Notify:

	Telephone	Time
a. Elected Officials		
(1) Leonard Gehringer	 home office	_____ _____
(2) Harvey Miller	 home office	_____ _____
(3) Herbert Reeves	 home office	_____ _____
b. Key Staff		
(1) Deputy Coordinator Donna Reeves	_____ _____ home office	_____ _____
(2) Fire Services Officer Russ Gehman or Ernie Gehman	 home office home office	_____ _____ _____ _____
(3) Transportation Officer Sandra Moser or Bill Gross	 home office home office	_____ _____ _____ _____

Have key staff report to EOC. _____
(time)

3. Verify that the following have been notified:


	Telephone	Time
a. Barto Fire Department		_____
b. Bally Ambulance		_____
c. Verification Message:		
"This is _____ (name/title) _____. I would like to verify that you have been notified that a 'General Emergency' has been declared at the Limerick Generating Station. The recommended protective action is _____."		

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

- a. Activated _____
(time)
- b. County Municipal Liaison Officer notified of EOC activation (376-4959). _____
(time)
- c. Communications systems checked for operability. _____
(time)
- d. Establish EOC security. _____
(time)
- e. Monitor EBS station WHUM 1240 AM. _____
(time)
- f. Ensure Route Alert Teams have been mobilized as necessary. _____
(time)
- g. Verify the County has assigned a RACES unit to the Township EOC.
- h. Log all incoming messages that provide information or require a response. Post pertinent information on status board.

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

6. Notify the following:

	Telephone	Time
a. Special Facilities		
(1) Grandview Speedway	 office	_____

b. Message:

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

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

7. Verify Resource Availability:

Ensure appropriate EOC staff have reviewed their respective resource inventories and have reported deficiencies to you. Report all unmet needs to the County Municipal Liaison Officer. _____

(time)

8. Ensure Fire Services Officer has distributed dosimeters/KI to emergency workers and EOC staff. _____

(time)

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

(time)

10. Ensure RACES operator contacts the County RACES base upon arrival at Township EOC. _____

(time)

11. If sheltering is recommended:

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

(time)

b. Monitor EBS station WHUM 1240 AM, to ensure proper instructions are being given to the general population. _____

(time)

c. In the event of a siren failure receive notification from the County that appropriate route alert teams have been dispatched. _____

(time)

d. Ensure ACP have been manned. _____

(time)

12. If evacuation is ordered:

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

(time)

b. Monitor EBS station WHUM 1240 AM, to ensure proper instructions are being given to the general public. _____

(time)

c. In the event of a siren failure receive notification from the County that appropriate route alert teams have been dispatched. _____

(time)

- d. Ensure Access Control Points have been manned. _____
(time)
- e. Ensure Traffic Control Points have been manned. _____
(time)
- f. Assign sufficient emergency workers to Transportation Officer to support transportation resources, i.e., one emergency worker should be available for each vehicle used to evacuate those persons who do not have transportation. _____
(time)
- y. Advise County Municipal Liaison Officer of any additional unmet needs. _____
(time)

- (1) _____
- (2) _____
- (3) _____

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

- (1) _____
- (2) _____
- (3) _____

13. Maintain General Emergency status until:

- a. Reduction of classification. _____
(time)
- b. Termination of emergency. _____
(time)

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

a. Verification:

	Telephone	Time
(1) Barto Fire Department		_____
(2) Bally Ambulance		_____
(3) Verification Message:		

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

b. Notification

	Telephone	Time
(1) Elected Officials		
(a) Leonard Gehringer	[redacted] home [redacted] office	_____ _____
(b) Harvey Miller	[redacted] home [redacted] office	_____ _____
(c) Herbert Reeves	[redacted] home [redacted] office	_____ _____
(2) Special Facilities		
(a) Grandview Speedway	[redacted] office	_____
(3) Message:		

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

15. Remarks/Actions Taken:

ANNEX B
Implementing Procedure
Fire Services*

Fire Services Officer: Russ Gehman
Alternate: Ernie Gehman

UNUSUAL EVENT

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

ALERT

The Fire Services Officer shall:

1. Upon request of Emergency Management Coordinator, report to the EOC.
_____ (time)
2. If required, ensure mobilization of sufficient personnel to meet Route Alert Team requirements (reference Appendix B-2). _____ (time)
3. Upon delivery from County EOC, inventory dosimeters/KI and prepare for distribution; complete a Receipt Form for Dosimetry-Survey Meters-KI (reference Appendix B-6). _____ (time)
4. Review remaining emergency procedures in the event of escalation.
5. Maintain Alert status until notified of termination, escalation or reduction of classification.
6. Remarks/Actions Taken:

* Note: This procedure has been modified to include Police, Radiological and Communications Procedures.

Fire Services

SITE EMERGENCY

The Fire Services Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EOC. _____
(time)
 - b. Ensure mobilization of sufficient personnel to meet Route Alert Team requirements (reference Appendix B-2). _____
(time)
 - c. Upon delivery from County EOC, inventory dosimeters/KI and prepare for distribution; if applicable, complete a Receipt Form for Dosimetry-Survey Meters-KI (reference Appendix B-6). _____
(time)
 - d. Proceed to Step 2.
2. If escalation from Alert, or if proceeding from Step 1, then:
 - a. Mobilize additional fire personnel as necessary and have them report to Fire Station (reference Appendix B-1). _____
(time)
 - b. Distribute dosimeters/KI to municipal emergency workers and EOC staff; (reference Appendix B-5) obtain a signed receipt (reference Appendix B-7). _____
(time)
 - c. Ensure Fire Department emergency workers have been issued dosimeters/KI. _____
(time)
 - d. Review fire personnel/equipment inventory (reference Appendix B-1), verify availability, and report unmet needs to your coordinator. _____
(time)
 - e. If a protective action is recommended, ensure access control points are manned (reference Appendix B-3).
 - f. Review remaining emergency procedures in the event of escalation.
 - g. Maintain Site Emergency status until notified of escalation, termination or reduction of classification.
3. If termination, collect dosimeters/KI from emergency workers, inventory, and prepare for return to County EOC. _____
(time)
4. Remarks/Actions Taken:

Fire Services

GENERAL EMERGENCY

The Fire Services Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EOC. _____
(time)
 - b. Ensure mobilization of sufficient personnel to meet Route Alert Team requirements (reference Appendix B-2). _____
(time)
 - c. Upon delivery from County EOC, inventory dosimeters/KI and prepare for distribution; if applicable, complete as Receipt Form for Dosimetry-Survey Meters-KI (reference Appendix B-6). _____
(time)
 - d. Distribute dosimeters/KI to municipal emergency workers and EOC staff (reference Appendix B-5) obtain a signed receipt (reference Appendix B-7). _____
(time)
 - e. Mobilize additional fire personnel and have them report to fire station (reference Appendix B-1). _____
(time)
 - f. Ensure Fire Department emergency workers have been issued dosimeters/KI. _____
(time)
 - g. Review fire personnel/equipment inventory (reference Appendix B-1), verify availability, and report unmet needs to your coordinator.

(time)
 - h. Proceed to Step 2.
2. If escalation from Alert or Site Emergency, or if proceeding from Step 1, then:
 - a. Monitor route alerting, if required. _____
(time)
 - b. Ensure Traffic Control Points are manned (reference Appendix B-3).

(time)
 - c. Ensure Access Control Points are manned (reference Appendix B-3).

(time)
 - d. Maintain General Emergency status until notified of termination or reduction of classification.
3. Upon termination of emergency, collect dosimeters/KI from emergency workers, inventory, and prepare for return to County EOC.

(time)
4. Remarks/Actions Taken:

ANNEX C

Implementing Procedure
Transportation Services*

Transportation Officer: Sandra Moser
Alternate: Bill Gross

UNUSUAL EVENT

No response required unless medical services are required at the Limerick Generating Station.

ALERT

The Transportation Officer shall:

1. Upon request of the Emergency Management Coordinator, report to the EUC.
_____ (time)
2. Update the list of those individuals requiring special assistance in the event of evacuation (reference Appendix C-2). Report changes to your coordinator. _____ (time)
3. Update the list of those individuals who do not normally have transportation available 24-hours a day (reference Appendix C-3) report changes to your coordinator. _____ (time)
4. Review Public Works equipment/personnel inventory (reference Appendix C-5), verify availability, and report unmet needs to your coordinator.
_____ (time)
5. Review remaining emergency procedures in the event of escalation.
6. Maintain Alert status until notified of termination, escalation or reduction of classification.
7. Remarks/Actions Taken:

*Note: This procedure has been modified to include Ambulance and Public Works Procedures

Transportation Services

SITE EMERGENCY

The Transportation Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EUC. _____
(time)
 - b. Update the list of those individuals requiring special assistance in the event of evacuation (reference Appendix C-2). report any changes to your coordinator. _____
(time)
 - c. Update the list of those individuals who do not normally have transportation available 24-hours a day (reference Appendix C-3) report any changes to your coordinator. _____
(time)
 - d. Review Public Works equipment/personnel inventory (reference Appendix C-5), verify availability, and report unmet needs to your coordinator. Place equipment operators on standby status.

(time)
 - e. Monitor weather conditions. _____
(time)
 - f. Proceed to Step 2.
2. If escalation from Alert or if proceeding from Step 1, then:
 - a. Mobilize, if necessary, additional medical/ambulance personnel and have them report to station (reference Appendix C-1). _____
(time)
 - b. Review ambulance personnel/equipment inventory (reference Appendix C-1), verify availability, and report unmet needs to your coordinator. _____
(time)
 - c. Ensure public works/ambulance emergency workers have been issued dosimeters/KI. _____
(time)
 - d. Review remaining emergency procedures in the event of escalation.
 - e. Maintain Site Emergency status until notified of termination, escalation or reduction of classification.
3. If termination, have ambulance/public works personnel return dosimeters and unused KI to the Fire Services Officer. _____
(time)
4. Remarks/Action Taken:

Transportation Services

GENERAL EMERGENCY

The Transportation Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EUC. _____
(time)
 - b. Update the list of those individuals requiring special assistance in the event of evacuation (reference Appendix C-2). Report any changes to your coordinator. _____
(time)
 - c. Mobilize additional medical/ambulance personnel and have them report to ambulance base (reference Appendix C-1). _____
(time)
 - d. Update the list of those individuals who do not normally have transportation available 24-hours a day (reference Appendix C-3) report any changes to your coordinator. _____
(time)
 - e. Review public works personnel/equipment inventory (reference Appendix C-5), verify availability, and report unmet needs to your coordinator. Mobilize equipment operators and have them report to public works garage. _____
(time)
 - f. Monitor weather conditions. _____
(time)
 - g. Review ambulance personnel/equipment inventory (reference Appendix C-1), verify availability, and report unmet needs to your coordinator. _____
(time)
 - h. Proceed to Step 2.
2. If escalation from Alert or Site Emergency, or if proceeding from Step 1, then:
 - a. If recommended protective action is sheltering, no further action is required.
 - b. If recommended protective action is evacuation, then:
 - (1) Add to Appendix C-3 the names and addresses of those individuals who call in requesting transportation assistance.
(Note: Multiple copies of this list may be necessary).

(time)
 - (2) As transportation resource requirements, including those for special needs (vans, etc.), exceed availability (reference Appendix C-4), notify your coordinator of additional requirements. _____

- (time)
- (3) Inform the EMC of the number of vehicles that have been requested thru the County and request that an emergency worker be made available for assisting each vehicle. _____ (time)
 - (4) Ensure that population requiring ambulance transportation is served.
 - (5) Be prepared to conduct road clearing operations as necessary.
 - (6) Assist in obtaining material for traffic control as necessary.
 - (7) Prepare a list of names and addresses of persons to be picked-up for each vehicle including ambulances. _____ (time)
 - (8) Upon the arrival of vehicles at the municipal transportation staging areas, located at the Barto Fire Department, ensure that an emergency worker is assigned to each vehicle. A list of names and addresses of persons to be picked-up should be provided for each vehicle along with instructions to return to the Township Staging Area where they will receive directions to the designated Reception Center and assigned Mass Care Center. Persons being evacuated by ambulance shall be evacuated to St. Joseph Hospital Reading, PA. Emergency workers need not accompany vehicles to reception facilities. _____ (time)
 - (9) Maintain General Emergency status until notified of termination or reduction of classification.
3. If termination, have ambulance/public works personnel return dosimeters and unused KI to the Fire Services Officer. _____ (time)
 4. Remarks/Actions Taken:

TRANSPORTATION RESOURCE REQUIREMENTS

<u>Vehicles Required</u>	<u>Vehicles Available</u>	<u>Unmet Needs</u>
1 Bus	0 Bus	1 Bus
1 Ambulance	2 Ambulances	0 Ambulances

UPPER UWCHLAN TOWNSHIP
CHESTER COUNTY
RADIOLOGICAL EMERGENCY RESPONSE PLAN
FOR INCIDENTS AT THE
LIMERICK GENERATING STATION

MAY 1984

Copy Number _____

Draft 6
Rev 7/15/84

- (c) Develop and maintain any necessary Letters of Agreement (reference Attachment C).
- (d) Determine unmet needs as a result of RERP implementation and inform the County EUC.
- (e) Maintain expense records of personnel and resource utilization resulting from RERP implementation.
- (f) Establish and maintain EOC security during RERP implementation.
- (g) Participate in training, drills and exercises.

(2) Law Enforcement (Police Services)

Note: This function assigned to the Emergency Management Coordinator.

- (a) Ensure that designated Traffic Control Points (TCP's) and/or Access Control Points (ACP's) located within the municipality are manned when necessary (reference Attachment D and Attachment Q).
- (b) Provide continued area security, conditions permitting, during the emergency.
- (c) Assist in traffic control during re-entry, as necessary.

(3) Fire Services

- (a) Provide for adequate fire/rescue emergency coverage during a radiological emergency.
- (b) Provide for route alerting of the population (reference Attachment E).

(4) Medical/Ambulance Services

Note: This function assigned to the Transportation Officer.

- (a) Provide for adequate ambulance coverage during a radiological emergency.
- (b) Prepare and maintain a list of non-institutionalized residents having special medical requirements (reference Attachment F).
- (c) Provide guidance to outside ambulance resources upon their arrival at the municipality.
- (d) Monitor movement of non-ambulatory individuals requiring transportation by ambulance and/or provision of special medical equipment.

1. Municipal Emergency Workers

- a. When advised by the Chester County DES that a Site Emergency has been declared municipal emergency workers will be issued dosimeters and potassium iodide (KI), a radioprotective drug. A unit of dosimetry-KI contains the following:
- * one (1) CD V 73U or DCA-622 self-reading dosimeter having a scale of 0 to 20R.
 - * one (1) CD V 742 self-reading dosimeter having a scale of 0 to 200R.
 - * one (1) thermoluminescent dosimeter (TLD) which is a machine-read crystalline dosimeter mounted in a card.
 - * one (1) Dosimetry-KI Report Form (reference Attachment K).
 - * one (1) bottle containing a fourteen day supply of potassium iodide (KI) tablets.
- b. PEMA will supply, when available, the County DES with enough dosimeters and KI for designated emergency workers within its portion of the plume exposure pathway EPZ. These resources will be stored in the County EUC. Attachment M lists emergency worker dosimetry-KI resource requirements.
- c. Distribution of the dosimeters and KI is as follows:
- (1) Upon notification of an Alert (or any higher classification of emergency should it be initial notification), the equipment will be prepared for distribution to municipal emergency workers. (Reference Attachment L).
 - (2) Upon notification of a Site Emergency, dosimeters and KI will be distributed to municipal emergency response organizations identified in Attachment M. A signed receipt shall be obtained from each organization (reference Attachment L). Emergency organizations will maintain proper control by having each worker sign for the property (reference Attachment N).
 - (3) Emergency workers will take KI only upon the direction of the Secretary of the Pennsylvania Department of Health, notification of which will be received through emergency management channels.

1. Unusual Event

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

2. Alert

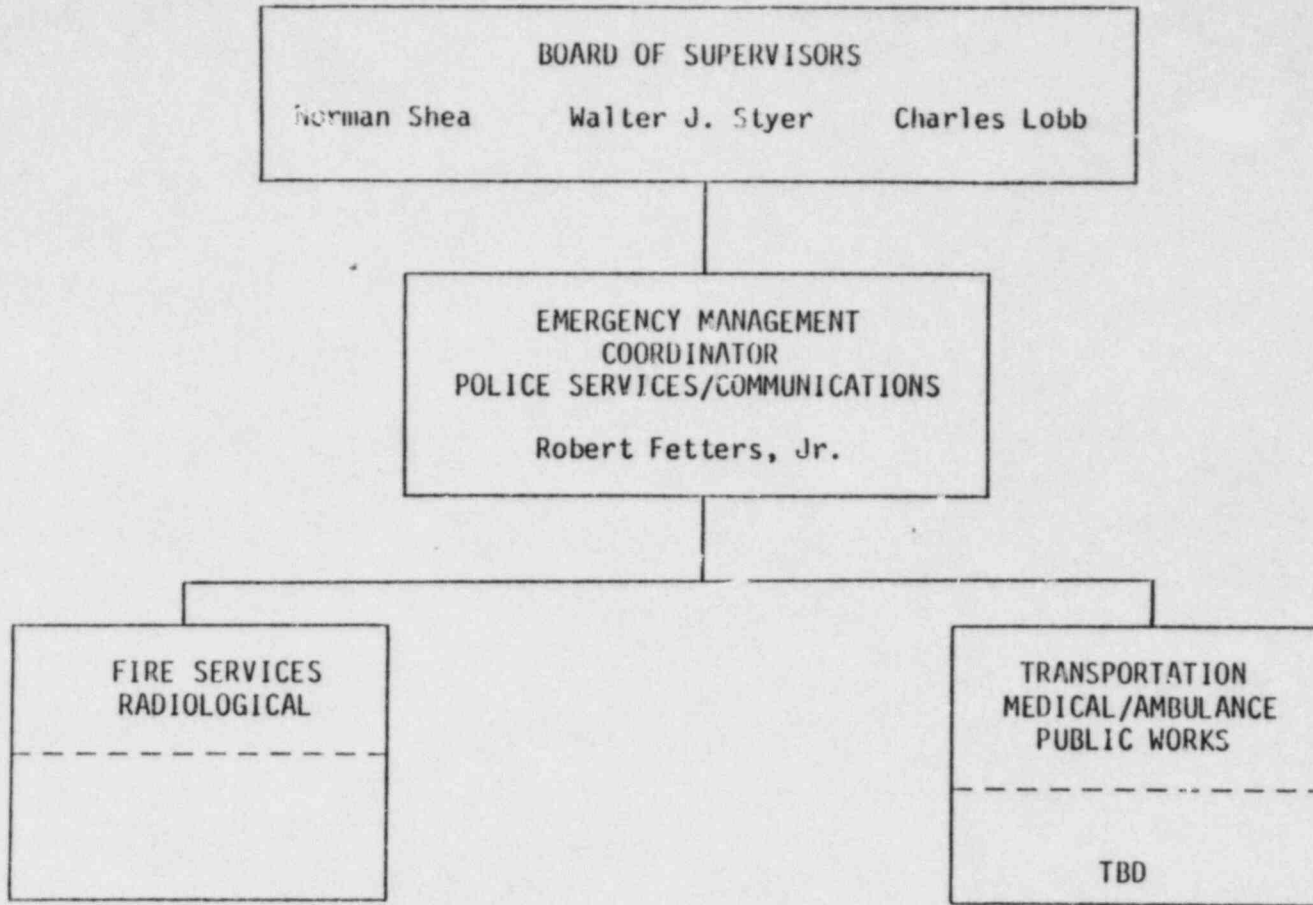
- a. The Upper Uwchlan Township Emergency Management Coordinator (EMC) will receive notification from Chester County DES. The EMC in turn, notifies municipal officials and key staff personnel.
- b. The EMC and key staff will report to the Municipal EOC. Security measures will be implemented to restrict admittance.
- c. Communications systems will be tested. The County will be notified when ARES communications are established.
- d. Dosimeters will be prepared for later distribution.
- e. Non-ambulatory residents shall be contacted to verify special requirements.
- f. The EMC shall notify certain public and private institutions/facilities located within the municipality of the emergency. In some instances, this will be a verification of a notification previously received through a county-initiated procedure. A listing of these facilities is maintained in the Municipal EOC.
- g. Route alert teams will be placed on standby.
- h. If the public alert system is activated, begin route alerting as necessary.
- i. TCP and ACP personnel will be notified.
- j. The local EBS station WCOJ 1420 AM will be monitored.
- k. Review municipal and County Radiological Emergency Response Plans.
- l. Ensure all messages which provide information or require a response are logged.
- m. Additional unmet needs will be passed to the County.
- n. In the event of reduction of classification or termination of incident, all parties previously notified will be informed.

EMERGENCY NOTIFICATION LIST*

- | | | | | | |
|----|------------------------|-----------------|---------------------|-------------|-------|
| 1. | Elected Officials | | | | |
| | a. | Walter J. Styer | Upper Uwchlan | Home Phone: | _____ |
| | | | | Bus. Phone: | _____ |
| | b. | Norman Shea | | Home Phone: | _____ |
| | | | | Bus. Phone: | _____ |
| | c. | Charles Lobb | | Home Phone: | _____ |
| | | | | Bus. Phone: | _____ |
| 2. | Coordinator | | Robert Fetters, Jr. | Home Phone: | _____ |
| | | | | Bus. Phone: | _____ |
| | Deputy | | | Home Phone: | _____ |
| | | | | Bus. Phone: | _____ |
| 3. | Fire/Rescue Officer | | | Home Phone: | _____ |
| | | | | Bus. Phone: | _____ |
| | Deputy | | <u>(Name) TBD</u> | Home Phone: | _____ |
| | | | | Bus. Phone: | _____ |
| 4. | Transportation Officer | | | Home Phone: | _____ |
| | | | | Bus. Phone: | _____ |
| | Deputy | | <u>(Name) TBD</u> | Home Phone: | _____ |
| | | | | Bus. Phone: | _____ |

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

UPPER UWCHLAN TOWNSHIP EMERGENCY ORGANIZATIONAL CHART



EAST PIKELAND
CHESTER COUNTY
RADIOLOGICAL EMERGENCY RESPONSE PLAN
FOR INCIDENTS AT THE
LIMERICK GENERATING STATION

APRIL 1984

Draft 5
Rev 7/16/84

issued dosimeters and potassium iodide (KI), a radioprotective drug. A unit of dosimetry-KI contains the following:

- * one (1) CD V 730 or DCA-622 self-reading dosimeter having a scale of 0 to 20R.
- * one (1) CD V 742 self-reading dosimeter having a scale of 0 to 200R.
- * one (1) thermoluminescent dosimeter (TLD) which is a machine-read crystalline dosimeter mounted in a card.
- * one (1) Dosimetry-KI Report Form (reference Attachment K)
- * one (1) bottle containing a fourteen day supply of potassium iodide (KI) tablets.

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

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

- (1) Upon notification of an Alert (or any higher classification of emergency should it be initial notification), the equipment will be prepared for distribution to municipal emergency workers. (Reference Attachment L).
- (2) Upon notification of a Site Emergency, dosimeters and KI will be distributed to municipal emergency response organizations identified in Attachment M. A signed receipt shall be obtained from each organization (reference Attachment L). Emergency organizations will maintain property control by having each worker sign for the property (reference Attachment N).
- (3) Emergency workers will take KI only upon the direction of the Secretary of the Pennsylvania Department of Health, notification of which will be received through emergency management channels.

d. Dosimetry Reading Procedures and Related Actions

- (1) Dosimeters are to be worn in the pocket of an outer garment from the time of issue until the worker is dismissed from duty. In no case should the TLD be worn

2. Alert

- a. The East Pikeland Township Emergency Management Coordinator (EMC) will receive notification from the Chester County DES. The EMC in turn, notifies municipal officials and key staff personnel.
- b. The EMC and key staff will report to the Municipal EOC. Security measures will be implemented to restrict admittance.
- c. Communications systems will be tested. The County will be notified when ARES communications are established.
- d. Dosimeters and KI will be prepared for later distribution.
- e. Non-ambulatory residents shall be contacted to verify special requirements.
- f. The EMC shall notify certain public and private institutions/facilities located within the municipality of the emergency. In some instances, this will be a verification of a notification previously received through a county-initiated procedure. A listing of these facilities is maintained in the Municipal EOC.
- g. Route alert teams will be placed on standby.
- h. If the public alert system is activated, begin route alerting, as necessary.
- i. TCP personnel will be notified.
- j. The local EBS station WCOJ 1420 AM will be monitored.
- k. Review municipal and County Radiological Emergency Response Plans.
- l. Ensure all messages which provide information or require a response are logged.
- m. Additional unmet needs will be passed to the County.
- n. In the event of reduction of classification or termination of incident, all parties previously notified will be informed.

3. Site Emergency

- a. Same actions as Alert.
- b. Additional emergency response personnel will be mobilized, including full EOC staff.

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4. Emergency Operations Center (EOC)

- a. The Charlestown Township EOC is located at Charlestown Elementary School.
See EOC floor plan (reference Attachment H).
- b. It shall be activated when directed by the Emergency Management Coordinator (EMC) or by the Board of Supervisors.
- c. When activated, it shall be staffed by:
 - (1) Emergency Management Coordinator
 - (2) Fire Services Officer
 - (3) Transportation Officer
- d. The EOC shall function as a central point for coordinating the operations of the Charlestown Township emergency response personnel.
- e. For incident classifications of "Site Emergency" and higher, operations shall be conducted 24-hours a day. Sufficient personnel should be available to maintain 24-hour operation.
- f. The alternate EOC is located at Chester County Library, Exton, PA.

C. Communications

1. Telephone

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

2. Two-Way Radio

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

3. ARES

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

4. Rumor Control

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

for directing and compelling a selective or general evacuation.

- (2) The Governor, or the highest ranking elected county or municipal official in authority may recommend an evacuation for their respective jurisdictions.
- (3) PEMA has the primary responsibility for directing and controlling an evacuation order made by the Governor.

d. Evacuation Routes

- (1) When necessary, Charlestown Township will be evacuated via local roads to Route 29 South to Route 202 South (reference Attachment J and Attachment Q). Those persons who require mass care support should go to a reception center located at the Statson Middle School where they will be directed to an appropriate mass care center.
- (2) There will be no changes in normal traffic patterns in and out of the EPZ during an evacuation. This is necessary to accommodate the movement of support resources, i.e., buses, ambulance, etc., in to the area.

e. Transportation

- (1) The primary means of evacuation will be the private automobile. Evacuees will be urged to use any available means of private transportation.
- (2) Information concerning persons without a source of private transportation is found in Attachment G. Unmet transportation resource requirements will be reported to the county transportation officer.
- (3) Individuals without transportation should contact the Charlestown Township EJC at (telephone #) to arrange for pickup.
- (4) Transportation resources will be assembled at the Municipal staging area located at TBD (reference Attachment Q). An emergency worker will be assigned to each vehicle for the purpose of providing directions to the assigned residences of those persons requiring assistance. These individuals will be taken to the designated reception center; from there they will be taken to a mass care center.
- (5) Transportation requirements for hospitals, nursing homes and public and private schools have been prearranged and will be coordinated by the county. Transportation resources allocated for evacuation of

- * one (1) CD V 730 or DCA-622 self-reading dosimeter having a scale of 0 to 20R.
 - * one (1) CD V 742 self-reading dosimeter having a scale of 0 to 200R.
 - * one (1) thermoluminescent dosimeter (TLD) which is a machine-read crystalline dosimeter mounted in a card.
 - * one (1) Dosimetry-KI Report Form (reference Attachment K).
 - * one (1) bottle containing a fourteen day supply of potassium iodide (KI) tablets.
- b. PEMA will supply, when available, the County DES with enough dosimeters and KI for designated emergency workers within its portion of the plume exposure pathway EPZ. These resources will be stored in the County EOC. Attachment M lists emergency worker dosimetry-KI resource requirements.
- c. Distribution of the dosimeters and KI is as follows:
- (1) Upon notification of an Alert (or any higher classification of emergency should it be initial notification), the equipment will be prepared for distribution to municipal emergency workers (Reference Attachment L).
 - (2) Upon receipt at the Municipal EOC, the equipment will be prepared for distribution to municipal emergency workers (reference Attachment L). Distribution will commence upon declaration of a Site Emergency or higher emergency action level.
 - (3) Upon notification of a Site Emergency, dosimeters and KI will be distributed to municipal emergency response organizations identified in Attachment M. A signed receipt shall be obtained from each organization (reference Attachment L). Emergency organizations will maintain property control by having each worker sign for the property (reference Attachment N).
 - (4) Emergency workers will take KI only upon the direction of the Secretary of the Pennsylvania Department of Health, notification of which will be received through emergency management channels.
- d. Dosimetry Reading Procedures and Related Actions
- (1) Dosimeters are to be worn in the pocket of an outer garment from the time of issue until the worker is dismissed from duty. In no case should the TLD be worn by more than one person since there is no way of ascertaining later how much of the dose recorded on the TLD was received by each individual if more than one person was involved.

2. Public

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

G. Continuity of Government

1. Government

In the event of a general evacuation, the Board of Supervisors shall continue to transact required business at Charlestown Township.

2. Municipal Services

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

3. EOC

The EOC shall not be relocated.

H. Training

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

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

I. Concept of Operations

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

1. Unusual Event

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

2. Alert

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

- b. The EMC and key staff will report to the Municipal EUC. Security measures will be implemented to restrict admittance.
 - c. Communications systems will be tested. The County will be notified when ARES communications are established.
 - d. Dosimeters will be prepared for later distribution.
 - e. Non-ambulatory residents shall be contacted to verify special requirements.
 - f. The EMC shall notify certain public and private institutions/facilities located within the municipality of the emergency. In some instances, this will be a verification of a notification previously received through a county-initiated procedure. A listing of these facilities is maintained in the Municipal EUC.
 - g. Route alert teams will be placed on standby.
 - h. If the public alert system is activated, begin route alerting as necessary.
 - i. TCP and ACP personnel will be notified.
 - j. The local EBS station WCOJ 1420 AM will be monitored.
 - k. Review municipal and County Radiological Emergency Response Plans.
 - l. Ensure all messages which provide information or require a response are logged.
 - m. Additional unmet needs will be passed to the County.
 - n. In the event of reduction of classification or termination of incident, all parties previously notified will be informed.
3. Site Emergency
- a. Same actions as Alert.
 - b. Additional emergency response personnel will be mobilized, including full EUC staff.
 - c. Dosimeters and KI will be distributed to emergency workers.
 - d. Resource inventories (reference Attachment U and Attachment P) will be reviewed to verify that those resources indicated as being available are, in fact, available.

EAST COVENTRY TOWNSHIP
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- * one (1) CD V 730 or DCA-622 self-reading dosimeter having a scale of 0 to 20R.
- * one (1) CD V 742 self-reading dosimeter having a scale of 0 to 200R.
- * one (1) thermoluminescent dosimeter (TLD) which is a machine-read crystalline dosimeter mounted in a card.
- * one (1) Dosimetry-KI Report Form (reference Attachment K).
- * one (1) bottle containing a fourteen day supply of potassium iodide (KI) tablets.

d. PEMA will supply, when available, the County Department of Emergency Services (DES) with enough dosimeters and KI for designated emergency workers within its portion of the plume exposure pathway EPZ. These resources will be stored in the County EOC. Attachment M lists emergency worker dosimetry-KI resource requirements.

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

- (1) Upon notification of an Alert (or any higher classification of emergency should it be initial notification), the equipment will be prepared for distribution to municipal emergency workers. (Reference Attachment L).
- (2) Upon notification of a Site Emergency, dosimeters and KI will be distributed to municipal emergency response organizations identified in Attachment M. A signed receipt shall be obtained from each organization (reference Attachment L). Emergency organizations will maintain property control by having each worker sign for the property (reference Attachment N).
- (3) Emergency workers will take KI only upon the direction of the Secretary of the Pennsylvania Department of Health, notification of which will be received through emergency management channels.

d. Dosimetry Reading Procedures and Related Actions

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

- b. The EMC and key staff will report to the Municipal EOC. Security measures will be implemented to restrict admittance.
 - c. Communications systems will be tested. The County will be notified when ARES communications are established.
 - d. Dosimeters will be prepared for later distribution.
 - e. Non-ambulatory residents shall be contacted to verify special requirements.
 - f. The EMC shall notify certain public and private institutions/facilities located within the municipality of the emergency. In some instances, this will be a verification of a notification previously received through a county-initiated procedure. A listing of these facilities is maintained in the municipal EOC.
 - g. Route alert teams will be placed on standby.
 - h. If the public alert system is activated, begin route alerting as necessary.
 - i. TCP personnel will be notified.
 - j. The local EBS station WCOJ 1420 AM will be monitored.
 - k. Review municipal and County Radiological Emergency Response Plans.
 - l. Ensure all messages which provide information or require a response are logged.
 - m. Additional unmet needs will be passed to the County.
 - n. In the event of reduction of classification or termination of incident, all parties previously notified will be informed.
3. Site Emergency
- a. Same actions as Alert.
 - b. Additional emergency response personnel will be mobilized, including full EOC staff.
 - c. Dosimeters and KI will be distributed to emergency workers and organizations.
 - d. Resource inventories (reference Attachment J and Attachment P) will be reviewed to verify that those resources indicated as being available are, in fact, available.

EAST NANTMEAL TOWNSHIP
CHESTER COUNTY
RADIOLOGICAL EMERGENCY RESPONSE PLAN
FOR INCIDENTS AT THE
LIMERICK GENERATING STATION
IMPLEMENTING PROCEDURES

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IMPLEMENTING PROCEDURES

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Implementing Procedure
Emergency Management Coordinator

ALERT

1. Document:
 - a. Date: _____
 - b. Time: _____
 - c. Source: _____
 - d. Details: _____

2. Notify:	Telephone	Time
a. Elected Officials		
Nicholas Tkaczuk	<u> </u> home <u> </u> office	_____ _____
C. Ray Loomis	<u> </u> home <u> </u> office	_____ _____
T. Kenneth Emery	<u> </u> home <u> </u> office	_____ _____
b. Key Staff		
Deputy Coordinator Ann Perry	<u> </u> home <u> </u> office	_____ _____
Communications Officer Harry Burnett or Deputy	<u> </u> home <u> </u> office <u> </u> home <u> </u> office	_____ _____ _____ _____
Radiological Officer Jane Raser or Deputy	<u> </u> home <u> </u> office <u> </u> home <u> </u> office	_____ _____ _____ _____

Have key staff report to EUC. _____
(time)



3. Report to and activate local Emergency Operations Center (EUC).

- a. Activated _____
(time)
- b. County Municipal Liaison Officer notified of EUC activation. _____
(time)
- c. Check communication systems for operability. _____
(time)
- d. Establish EUC security. _____
(time)
- e. Monitor EBS station WCOJ 1420 AM. _____
(time)
- f. Ensure Route Alert Teams have been mobilized as necessary.

(time)
- g. If public alert system has been activated, notify hearing impaired. _____
(time)
- h. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched.

(time)
- i. Log all incoming messages that provide information or require a response. Post pertinent data on status board.

4. Notify the following:

	Telephone	Time
a. Special Facilities		
Camphill School		
1st Bernard Wolf, Program Coordinator		home _____ office _____
2nd Nick Stanton, Administrator		_____
Cottage		_____

b. Message:

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

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

- 5. Ensure ARES operator contacts the County ARES base upon arrival at the Township EUC. _____
(time)
- 6. Report all unmet needs to the Municipal Liaison Officer (431-6160) _____
(time)
- 7. Review remaining emergency procedures in the event of escalation.
- 8. Maintain Alert status until notified of termination, escalation or reduction of classification:

b. Time: _____

c. Source: _____



d. Disposition

(1) Termination _____

(2) Escalation _____


(3) Reduction _____


9. If escalation, accomplish appropriate Implementing Procedures. If termination or reduction of classification, notify the following:

	Telephone	Time
a. Elected Officials		
Nicholas Tkaczuk	 home office	_____ _____
C. Ray Loomis	 home office	_____ _____
T. Kenneth Emery	 home office	_____ _____

a. Special Facilities

Camphill School

1st Bernard Wolf, Program Coordinator  home
office _____

2nd Nick Stanton, Administrator  _____
Cottage _____

c. Message:

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

10. Remarks/Actions Taken:

Implementing Procedure
Emergency Management Coordinator







SITE EMERGENCY

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


1. Document:

- a. Date: _____
- b. Time: _____
- c. Source: _____
- d. Details: _____

2. Notify:

	Telephone	Time
a. Elected Officials		
Nicholas Tkaczuk	 home _____ office	_____ _____
C. Ray Loomis	 home _____ office	_____ _____
T. Kenneth Emery	 home _____ office	_____ _____
b. Key Staff		
Deputy Coordinator Ann Perry	 home _____ office	_____ _____
Communications Officer Harry Burnett or Deputy	 home _____ office _____ home _____ office	_____ _____ _____ _____
Radiological Officer Jane Raser or Deputy	 home _____ office _____ home _____ office	_____ _____ _____ _____

Public Works Officer
C. Ray Loomis
or
Deputy

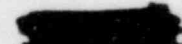



 home _____
office _____
home _____
office _____

Have key staff report to EOC. _____
(time)

3. Report to and activate the local Emergency Operations Center
 - a. Activated _____
(time)
 - b. County Municipal Liaison Officer notified of EOC activation.(431-6160) _____
(time)
 - c. Communications system checked for operability. _____
(time)
 - d. Establish EOC security. _____
(time)
 - e. Monitor EBS station WCUJ 1420 AM. _____
(time)
 - f. Ensure Route Alert Teams have been mobilized as necessary.

(time)
 - g. If the public alert system has been activated, notify hearing impaired. _____
(time)
 - n. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched.

(time)
 - i. Log all incoming messages that provide information or require a response. Post pertinent data on status board.
4. Have additional emergency personnel report to the EOC (for 24-hour operation), or where needed.
5. Ensure that appropriate EOC staff have placed their respective emergency workers on standby status. _____
(time)
6. Notify the following:

	Telephone	Time
a. Special Facilities		
Camphill School		
1st Bernard Wolf, Program Coordinator	 home _____	_____
	 office _____	_____
2nd Nick Stanton, Administrator	 _____	_____
Cottage	 _____	_____

b. Message:
"This is _____ (name/title) . An incident classification of 'Site Emergency' has been declared at the Limerick Generating

Station." (Provide appropriate instructions as necessary.)

7. Verify Resource Availability:

Ensure appropriate EOC staff have reviewed their respective resource inventories and have reported deficiencies to their respective counterparts in the County EOC; for example, the Township Communications Officer contacts the County Communications Officer. _____

(time)

8. Ensure Public Works Officer has distributed dosimeters/KI to emergency workers and EOC staff. _____

(time)

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

(time)

10. Ensure ARES operator contacts the County ARES base upon arrival at the Township EOC. _____

(time)

11. Report all unmet needs to the County Municipal Liaison Officer (431-6160) _____

(time)

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

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

a. Date: _____

b. Time: _____

c. Source: _____

d. Disposition:

(1) Termination _____

(2) Escalation _____

(3) Reduction _____

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

	Telephone	Time
a. Elected Officials		
Nicholas Tkaczuk	 home _____ office	_____ _____
C. Ray Loomis	 home _____ office	_____ _____

T. Kenneth Emery

 home
 office

b. Special Facilities

Camphill School

1st Bernard Wolf, Program Coordinator

 home
 office

2nd Nick Stanton, Administrator
Cottage

c. Message:

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

15. Remarks/Actions Taken:

Implementing Procedure
Emergency Management Coordinator

GENERAL EMERGENCY

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

1. Document:







a. Date: _____

b. Time: _____


c. Source: _____

d. Details: _____

2. Notify:

	Telephone	Time
a. Elected Officials		
Nicholas Tkaczuk	 home office	_____ _____
C. Ray Loomis	 home office	_____ _____
T. Kenneth Emery	 home office	_____ _____
b. Key Staff		
Deputy Coordinator Ann Perry	 home office	_____ _____
Communications Officer Harry Burnett or Deputy	 home office _____ office	_____ _____ _____ _____
Radiological Officer Jane Raser or Deputy	 home office _____ office	_____ _____ _____ _____




Public Works Officer
C. Ray Loomis
or
Deputy

 home _____
office _____
home _____
office _____

Have key staff report to EUC. _____
(time)

- 3. Report to and activate the local Emergency Operations Center.
 - a. Activated _____
(time)
 - b. County Municipal Liaison Officer notified of EOC activation. (431-6160) _____
(time)
 - c. Communications system checked for operability. _____
(time)
 - d. Establish EOC security. _____
(time)
 - e. Monitor EBS station WCOJ 1420 AM. _____
(time)
 - f. Ensure Route Alert Teams have been mobilized as necessary.

 - g. Log all incoming messages that provide information or require a response. Post pertinent data on status board.
- 4. Ensure that all necessary emergency response personnel have reported to the EOC, where needed, or to pre-assigned location. _____
(time)
- 5. Notify the following:

	Telephone	Time
a. Special Facilities		
Camphill School		
1st Bernard Wolf, Program Coordinator		home _____ office _____
2nd Nick Stanton, Administrator		_____
Cottage		_____

b. Message:

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

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

- 6. Ensure Access Control Points are manned. _____
(time)
 - 7. Verify Resource Availability:
- Ensure appropriate EOC staff have reviewed their respective resource

inventories and have reported deficiencies to their respective counterparts in the County EOC; for example, the Township Communications Officer contacts County Communications Officer. _____

(time)

8. Ensure Public Works Officer has distributed dosimeters/KI to emergency workers and EOC staff. _____
(time)
9. Review road conditions with EOC staff, i.e., there is no construction or other activity which would hinder movement of personnel or vehicles to/from the area. Ensure that the Public Works Officer and the County Director are aware of any problem areas. _____
(time)
10. Ensure ARES operator contacts the County ARES base upon arrival at the Township EOC. _____
(time)
11. Report all unmet needs to the County Municipal Liaison Officer (431-6160). _____
(time)
12. If sheltering is recommended:
 - a. When the public alert system has been activated, notify hearing impaired. _____
(time)
 - b. Monitor EBS station to ensure proper instructions are being given to the general population. _____
(time)
 - c. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched.
13. If evacuation is ordered:
 - a. When the public alert system has been activated, notify hearing impaired. _____
(time)
 - b. Monitor EBS station to ensure proper instructions are being given to the general public. _____
(time)
 - c. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched. _____
(time)
 - d. Ensure Traffic Control Points have been manned. _____
(time)
 - e. Assign sufficient emergency workers to Public Works Officer to support transportation resources, i.e., one emergency worker should be available for each vehicle used to evacuate those persons who do not have transportation. _____
(time)
 - f. Advise County Municipal Liaison Officer of any additional unmet needs. (431-6160) _____
(time)
 - (1) _____
 - (2) _____

(3) _____

g. Monitor evacuation process and report any problem areas to the County Municipal Liaison Officer _____ (time)

(1) _____

(2) _____

(3) _____

14. Maintain General Emergency status until:

a. Reduction of classification. _____ (time)

b. Termination of emergency. _____ (time)

c. EOC must be evacuated. _____ (time)

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

	Telephone	Time
a. Elected Officials		
Nicholas Tkaczuk	home _____ office _____	_____ _____
C. Ray Loomis	home _____ office _____	_____ _____
T. Kenneth Emery	home _____ office _____	_____ _____

a. Special Facilities

Camhill School		
1st Bernard Wolf, Program Coordinator	home _____ office _____	_____ _____
2nd Nick Stanton, Administrator Cottage		_____ _____

c. Message:

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

16. If the EOC must be evacuated:

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

b. Secure the facility and proceed to alternate EOC.

c. Notify Chester County upon your arrival at alternate EUC.

(time)

17. Remarks/Actions Taken:

ANNEX C
Implementing Procedure
Public Works*

Public Works Officer: C. Ray Loomis
Alternate: (name)

UNUSUAL EVENT

No response required.

ALERT

The Public Works Officer shall:

1. Upon request of the Emergency Management Coordinator, report to the EUC.
(time)
2. Update the list of those individuals who do not normally have transportation available 24-hours a day (reference Appendix C-2).
(time)
3. Review remaining procedures in the event of escalation.
4. Maintain Alert status until notified of termination, escalation or reduction of classification.
5. Remarks/Actions Taken:

*NOTE: This procedure has been modified to include Transportation Procedures.

Public Works

SITE EMERGENCY

The Public Works Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EUC. _____
(time)
 - b. Update the list of those individuals who do not normally have transportation available 24-hours a day (reference Appendix C-2).

(time)
 - c. Contact Communications Services Officer to obtain list of those individuals who require specialized transportation (other than ambulance). _____
(time)
 - d. Notify the County Transportation Coordinator of any changes in requirements. _____
(time)
 - e. Proceed to Step 2.
2. If escalation from Alert or if proceeding from Step 1, then:
 - a. Monitor weather conditions. _____
(time)
 - b. Review remaining emergency procedures in the event of escalation.
 - c. Maintain Site Emergency status until notified of termination, escalation or reduction of classification.
3. Remarks/Actions Taken:

Public Works

GENERAL EMERGENCY

The Public Works Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EUC. _____
(time)
 - b. Update the list of those individuals who do not normally have transportation available 24-hours a day (reference Appendix C-2).

(time)
 - c. Contact the Communication Officer to obtain a list of those individuals who require specialized transportation (other than ambulances). _____
(time)
 - d. Monitor weather conditions. _____
(time)
 - e. Proceed to Step 2.
2. If escalation from Alert or Site Emergency, or if proceeding from Step 1, then:
 - a. If recommended protective action is sheltering, no further action is required.
 - b. If recommended protective action is evacuation, then:
 - (1) Be prepared to conduct road clearing operations as necessary.

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

(time)
 - (3) As transportation resource requirements, including those for special needs (vans, etc.), exceed availability (reference Appendix C-1), notify the County Transportation Coordinator at 431-6160 of additional requirements. _____
(time)
 - (4) Inform the EMC of the number of vehicles that have been requested through the County and request that an emergency worker be made available for assisting each vehicle.

(time)
 - c. Prepare a list of names and addresses of persons to be pick-up for each vehicle including ambulances. _____
(time)
 - d. Upon the arrival of vehicles at the municipal transportation staging

areas, ensure that an emergency worker is assigned to each vehicle. A list of names and addresses of persons to be picked-up should be provided for each vehicle along with instructions to proceed to the Designated Reception Center and assigned Mass Care Center. Persons being evacuated by ambulance shall be evacuated to Pocopson Home, West Chester, PA. _____

(time)

e. Relocate to alternate EOC after population has departed.

(time)

3. Remarks/Actions Taken:

ANNEX D
Implementing Procedure
Radiological

Public Works Officer: Jane Raser
Alternate: _____

UNUSUAL EVENT

No response required.

ALERT

The Radiological Officer shall:

1. Upon notification, report to the EOC. _____
(time)
2. Inventory dosimeters/KI, prepare for distribution; complete a Receipt Form for Dosimetry-Survey Meters-KI. (reference Appendix D-2) _____
(time)
3. Review remaining procedures in the event of escalation.
4. Maintain Alert status until notified of termination, escalation or reduction of classification.
5. Remarks/Actions Taken:

Radiological

SITE EMERGENCY

The Radiological Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EOC. _____
(time)
 - b. Inventory dosimeters/KI and prepare for distribution; complete a Receipt Form for Dosimetry-Survey Meters-KI. (reference Appendix D-2).

(time)
 - c. Proceed to Step 2.
2. If escalation from Alert or if proceeding from Step 1, then:
 - a. Distribute dosimeters/KI to municipal emergency workers and EOC Staff (reference D-1); obtain a signed receipt (reference Appendix D-3). _____
(time)
 - b. Review remaining emergency procedures in the event of escalation.
 - c. Maintain Site Emergency status until notified of termination, escalation or reduction of classification.
3. If termination, collect dosimeters/KI from emergency workers, inventory, and prepare for return to County EOC. _____
time
4. Remarks/Actions Taken:

Radiological

GENERAL EMERGENCY

The Radiological Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EOC. _____
(time)
 - b. Inventory dosimeters/KI and prepare for distribution; complete a Receipt Form for Dosimetry - Survey Meters - KI (reference Appendix D-2). _____
(time)
 - c. Distribute dosimeters/KI to municipal emergency workers (reference Appendix D-1) and EOC staff; obtain a signed receipt (reference Appendix D-3). _____
(time)
 - d. Proceed to Step 2.
2. If escalation from Alert or Site Emergency, or if proceeding from Step 1, then:
 - a. Relocate to alternate EOC after population has departed.

(time)
 - b. Upon termination of emergency, collect dosimeters/KI from emergency workers, inventory, and prepare for return to County EOC. _____
(time)
3. Remarks/Actions Taken:

MUNICIPAL DOSIMETRY-KI LIST

<u>AGENCY</u>	<u>NUMBER OF EMERGENCY WORKERS</u>
A. Emergency Management Agency	
East Nantmeal Township Route 401 & Font Road Glenmore, PA	12
B. Public Works	
East Nantmeal Township Route 401 & Font Road Glenmore, PA	8
Total Units of Dosimetry-KI Required	<u>20</u>

EAST VINCENT TOWNSHIP
CHESTER COUNTY
RADIOLOGICAL EMERGENCY RESPONSE PLAN
FOR INCIDENTS AT THE
LIMERICK GENERATING STATION

APRIL 1984

Copy Number _____

Draft 5
Rev 7/16/84

- * one (1) CD V 742 self-reading dosimeter having a scale of 0 to 200R.
 - * one (1) thermoluminescent dosimeter (TLD) which is a machine-read crystalline dosimeter mounted in a card.
 - * one (1) Dosimetry-KI Report Form (reference Attachment K).
 - * one (1) bottle containing a fourteen day supply of potassium iodide (KI) tablets.
- b. PEMA will supply, when available, the County DES with enough dosimeters and KI for designated emergency workers within its portion of the plume exposure pathway EPZ. These resources will be stored in the County EUC. Attachment M lists emergency worker dosimetry-KI resource requirements.
- c. Distribution of the dosimeters and KI is as follows:
- (1) Upon notification of an Alert (or any higher classification of emergency should it be initial notification), the equipment will be prepared for distribution to municipal emergency workers. (Reference Attachment L).
 - (2) Upon notification of a Site Emergency, dosimeters and KI will be distributed to municipal emergency response organizations identified in Attachment M. A signed receipt shall be obtained from each organization (reference Attachment L). Emergency organizations will maintain property control by having each worker sign for the property (reference Attachment N).
 - (3) Emergency workers will take KI only upon the direction of the Secretary of the Pennsylvania Department of Health, notification of which will be received through emergency management channels.
- d. Dosimetry Reading Procedures and Related Actions
- (1) Dosimeters are to be worn in the pocket of an outer garment from the time of issue until the worker is dismissed from duty. In no case should the TLD be worn by more than one person since there is no way of ascertaining later how much of the dose recorded on the TLD was received by each individual if more than one person was involved.
 - (2) Each emergency worker is responsible for completing the

- b. The EMC and key staff will report to the Municipal EOC. Security measures will be implemented to restrict admittance.
 - c. Communications systems will be tested. The County will be notified when ARES communications are established.
 - d. Dosimeters will be prepared for later distribution.
 - e. Non-ambulatory residents shall be contacted to verify special requirements.
 - f. The EMC shall notify certain public and private institutions/facilities located within the municipality of the emergency. In some instances, this will be a verification of a notification previously received through a county-initiated procedure. A listing of these facilities is maintained in the Municipal EOC.
 - g. Route alert teams will be placed on standby.
 - h. If the public alert system is activated, begin route alerting as necessary.
 - i. TCP personnel will be notified.
 - j. The local EBS station WCOJ 1420 AM will be monitored.
 - k. Review municipal and County Radiological Emergency Response Plans.
 - l. Ensure all messages which provide information or require a response are logged.
 - m. Additional unmet needs will be passed to the County.
 - n. In the event of reduction of classification or termination of incident, all parties previously notified will be informed.
3. Site Emergency
- a. Same actions as Alert.
 - b. Additional emergency response personnel will be mobilized, including full EOC staff.
 - c. Dosimeters and KI will be distributed to emergency workers and organizations.
 - d. Resource inventories will be reviewed to verify that those resources indicated as being available are, in fact, available.

NORTH COVENTRY TOWNSHIP
CHESTER COUNTY
RADIOLOGICAL EMERGENCY RESPONSE PLAN
FOR INCIDENTS AT THE
LIMERICK GENERATING STATION
IMPLEMENTING PROCEDURES

APRIL 1984

Copy Number _____

Draft 5
Rev 7/13/84

Implementing Procedure
Emergency Management Coordinator

ALERT

1. Document:









a. Date: _____

b. Time: _____

c. Source: _____

d. Details: _____

2. Notify:

	Telephone	Time
a. Elected Officials		
(1) Robert Saylor	 home _____ office _____	_____ _____
(2) E. Kent High	 home _____ office _____	_____ _____
(3) William R. Deegan	 home _____ office _____	_____ _____
(4) Larry Challenger	 home _____ office _____	_____ _____
(5) Kenneth J. Bickel	 home _____ office _____	_____ _____
b. Key Staff		
(1) Police Services Officer or Deputy	 home _____ office _____ home _____ office _____	_____ _____ _____ _____
(2) Fire Services Officer or Deputy	 home _____ office _____ home _____ office _____	_____ _____ _____ _____
(3) Transportation Officer or	 home _____ office _____	_____ _____

Deputy

home

office

(4) Radiological Officer
or
Deputy

home

office

home

office

Have key staff report to EOC. _____
(time)

3. Verify that the following have been notified:

	Telephone	Time
a. Police Department	_____	_____
b. Fire Department	_____	_____
c. Verification Message:		

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

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

- a. Activated _____
(time)
- b. County Municipal Liaison Officer notified of EOC activation. (431-6160) _____
(time)
- c. Check communication systems for operability. _____
(time)
- d. Establish EOC security. _____
(time)
- e. Monitor EBS station WCOJ 1420 AM. _____
(time)
- f. Ensure Route Alert Teams have been mobilized as necessary.

- g. If public alert system has been activated, notify hearing impaired. _____
(time)
- h. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched.

- i. Log all incoming messages that provide information or require action. Post pertinent data on the status board. _____
(time)

5. Verify that the following have been notified:

	Telephone	Time
a. School		

(1) North Coventry Elementary School
Grey Cunningham

[redacted] office _____

b. Verification Message:

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

6. Notify the following:

	Telephone	Time
a. Special Facilities		
(1) Coventry Mall John Roller	[redacted] office _____	
(2) Coventry Nursery School (9:00am-11:30am) Mrs. Charles Hartman	[redacted] home _____ [redacted] office _____	
(3) U.C.C. Camp Wilmer Swinehart	[redacted]	

b. Message:

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

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

7. Ensure ARES operator contacts the County ARES base upon arrival at Municipal EOC. _____
(time)
8. Review remaining emergency procedures in the event of escalation.
9. Report all unmet needs to the County Municipal Liaison Officer (431-6160).
10. Maintain Alert status until notified of termination, escalation or reduction of classification.
 - a. Date: _____
 - b. Time: _____
 - c. Source: _____
 - d. Disposition
 - (1) Termination _____

(2) Escalation _____

(3) Reduction _____

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

a. Verification

(1) Police Department [redacted] _____

(2) Fire Department [redacted] _____

(3) School

(a) North Coventry Elementary School
Grey Cunningham [redacted] office _____

(4) Verification Message:

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

b. Notification

	Telephone	Time
(1) Elected Officials		
(a) Robert Saylor	[redacted] home [redacted] office	_____ _____
(b) E. Kent High	[redacted] home [redacted] office	_____ _____
(c) William R. Deegan	[redacted] home [redacted] office	_____ _____
(d) Larry Challenger	[redacted] home [redacted] office	_____ _____
(e) Kenneth J. Bickel	[redacted] home [redacted] office	_____ _____

(2) Special Facilities

(a) Coventry Mall
John Roller [redacted] office _____

(b) Coventry Nursery School (9:00am-11:30am)
Mrs. Charles Hartman [redacted] home
[redacted] office _____

(c) U.C.C. Camp
Wilmer Swinehart



(3) Message:

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

11. Remarks/Actions Taken:

Implementing Procedure
Emergency Management Coordinator

SITE EMERGENCY

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

1. Document:

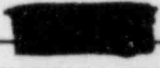
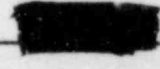

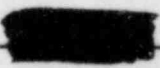

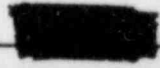

a. Date: _____

b. Time: _____

c. Source: _____

d. Details: _____

2. Notify:

	Telephone	Time
a. Elected Officials		
(1) Robert Saylor	 home office	_____ _____
(2) E. Kent High	 home office	_____ _____
(3) William R. Deegan	 home office	_____ _____
(4) Larry Challenger	 home office	_____ _____
(5) Kenneth J. Bickel	 home office	_____ _____
b. Key Staff		
(1) Police Services Officer or Deputy	 home office home office	_____ _____ _____ _____
(2) Fire Services Officer or	 home office	_____ _____

Deputy	_____	home	_____
	_____	office	_____
(3) Transportation Officer	_____	home	_____
or	_____	office	_____
Deputy	_____	home	_____
	_____	office	_____
(4) Radiological Officer	_____	home	_____
or	_____	office	_____
Deputy	_____	home	_____
	_____	office	_____

Have key staff report to EOC. _____
(time)

3. Verify that the following have been notified:

	Telephone	Time
a. Police Department	_____	_____
b. Fire Department	_____	_____
c. Verification Message:		

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

4. Report to and activate the local Emergency Operations Center

- a. Activated _____
(time)
- b. County Municipal Liaison Officer notified of EOC activation (431-6160). _____
(time)
- c. Communications system checked for operability. _____
(time)
- d. Establish EOC security. _____
(time)
- e. Monitor EBS station WCOJ 1420 AM. _____
(time)
- f. Ensure Route Alert Teams have been mobilized as necessary.

(time)
- g. If the public alert system has been activated, notify hearing impaired. _____
(time)
- h. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched.

(time)
- i. Log all messages that provide information or require action. Post pertinent information on status board. _____
(time)

5. Have additional emergency personnel report to the EOC (for 24-hour operation), or where needed.
6. Ensure that appropriate EOC staff have placed their respective emergency workers on standby status. _____
(time)
7. Verify that the following have been notified:

	Telephone	Time
a. School		
(1) North Coventry Elementary School Greg Cunningham	[REDACTED] office	_____

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

8. Notify the following:

	Telephone	Time
a. Special Facilities		
(1) Coventry Mall John Roller	[REDACTED] office	_____
(2) Coventry Nursery School (9:00am-11:30am) Mrs. Charles Hartman	[REDACTED] home [REDACTED] office	_____ _____
(3) U.C.C. Camp Wilmer Swinehart	[REDACTED]	_____

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

9. Verify Resource Availability:

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

10. Ensure Radiological Officer has distributed dosimeters/KI to emergency workers. _____
(time)
11. Review road conditions with EOC staff, i.e., there is no construction or other activity which would hinder movement of personnel or vehicles

to/from the area. Ensure that the Transportation Officer and the County Public Works Officer (431-6160) are aware of any problem areas.

- (time) _____
12. Ensure ARES operator contacts the County ARES base upon arrival at the Municipal EUC. _____ (time)
13. Report all unmet needs to the County Municipal Liaison Officer (431-6160).
14. Review remaining emergency procedures in the event of escalation.
15. Maintain Site Emergency status until notified of termination, escalation, or reduction of classification:
- a. Date: _____
- b. Time: _____
- c. Source: _____
- d. Disposition:
- (1) Termination _____
- (2) Escalation _____
- (3) Reduction _____
16. If escalation, accomplish appropriate Implementing Procedure. If termination or reduction of classification, notify/verify the following:
- a. Verification:
- | | Telephone | Time |
|---|--------------|-------|
| (1) Police Department | _____ | _____ |
| (2) Fire Department | _____ | _____ |
| (3) School | | |
| (a) North Coventry Elementary School
Greg Cunningham | _____ office | _____ |
| (4) Verification Message: | | |
| "This is _____ (name/title) _____. I would like to verify you have been notified that the emergency at the Limerick Generating Station has been terminated/reduced to _____." | | |
- b. Notification

Telephone _____ Time _____

Implementing Procedure
Emergency Management Coordinator

GENERAL EMERGENCY

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

1. Document:








a. Date: _____

b. Time: _____

c. Source: _____

d. Details: _____

2. Notify:

	Telephone	Time
a. Elected Officials		
(1) Robert Saylor	 home office	_____ _____
(2) E. Kent High	 home office	_____ _____
(3) William R. Deegan	 home office	_____ _____
(4) Larry Challenger	 home office	_____ _____
(5) Kenneth J. Bickel	 home office	_____ _____
b. Key Staff		
(1) Police Services Officer or Deputy	 home office home office	_____ _____ _____ _____
(2) Fire Services Officer or	 home office	_____ _____

Deputy	_____	home	_____
	_____	office	_____
(3) Transportation Officer	_____	home	_____
or	_____	office	_____
Deputy	_____	home	_____
	_____	office	_____
(4) Radiological Officer	_____	home	_____
or	_____	office	_____
Deputy	_____	home	_____
	_____	office	_____

Have key staff report to EOC. _____
(time)

3. Verify that the following have been notified:

	Telephone	Time
a. Police Department	_____	_____
b. Fire Department	_____	_____
c. Verification Message:		

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

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

- a. Activated _____
(time)
 - b. County Municipal Liaison Officer notified of EOC activation (431-6160). _____
(time)
 - c. Communications system checked for operability. _____
(time)
 - d. Establish EOC security. _____
(time)
 - e. Monitor EBS station WCOJ 1420 AM. _____
(time)
 - f. Ensure Route Alert Teams have been mobilized as necessary.

(time)
 - g. Log all messages which provide information or require action. Post pertinent data on status board. _____
(time)
5. Ensure that all necessary emergency response personnel have reported to the EOC, where needed, or to pre-assigned location. _____
(time)

6. Verify that the following have been notified:

- | | Telephone | Time |
|---|-------------------------|------|
| a. School | | |
| (1) North Coventry Elementary School
Greg Cunningham | [redacted] office _____ | |
| b. Verification Message: | | |
| "This is _____ (name/title) _____. I would like to verify that you have been notified that a 'General Emergency' has been declared at the Limerick Generating Station. The recommended protective action is _____." | | |

7. Notify the following:

- | | Telephone | Time |
|---|--|------|
| a. Special Facilities | | |
| (1) Coventry Mall
John Roller | [redacted] office _____ | |
| (2) Coventry Nursery School (9:00am-11:30am)
Mrs. Charles Hartman | [redacted] home _____
[redacted] office _____ | |
| (3) U.C.C. Camp
Wilmer Swinehart | [redacted] | |
| b. Message: | | |
| "This is _____ (name/title) _____. A 'General Emergency' has been declared at the Limerick Generating Station. The recommended protective action is _____." | | |

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

8. Verify Resource Availability:

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

(time)

9. Ensure Radiological Officer has distributed dosimeters/KI to emergency workers and EOC staff. _____
- (time)
10. Review road conditions with EOC staff, i.e., there is no construction or other activity which would hinder movement of personnel or vehicles to/from the area. Ensure that the Transportation Officer and the County Public Works Officer are aware of any problem areas. _____
- (time)

11. Ensure ARES operator contacts County ARES base upon arrival at the Municipal EOC. _____
(time)
12. Report all unmet needs to the County Municipal Liaison Officer (431-6160).
13. If sheltering is recommended:
 - a. When the public alert system has been activated, notify hearing impaired. _____
(time)
 - b. Monitor EBS station to ensure proper instructions are being given to the general population. _____
(time)
 - c. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched. _____
(time)
14. If evacuation is ordered:
 - a. When the public alert system has been activated, notify hearing impaired. _____
(time)
 - b. Monitor EBS station to ensure proper instructions are being given to the general public. _____
(time)
 - c. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched. _____
(time)
 - d. Ensure Traffic Control Points have been manned. _____
(time)
 - e. Assign sufficient emergency workers to Transportation Officer to support transportation resources, i.e., one emergency worker should be available for each vehicle used to evacuate those persons who do not have transportation. _____
(time)
 - f. Advise County Municipal Liaison Officer of any additional unmet needs (431-6160). _____
(time)
 - (1) _____
 - (2) _____
 - (3) _____
 - g. Monitor evacuation process and report any problem areas to the County Municipal Liaison Officer (431-6160). _____
(time)
 - (1) _____
 - (2) _____
 - (3) _____

15. Maintain General Emergency status until:

- a. Reduction of classification. _____
(time)
- b. Termination of emergency. _____
(time)
- c. EOC must be evacuated. _____
(time)

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

a. Verification:

	Telephone	Time
(1) Police Department	██████████	_____
(2) Fire Department	██████████	_____
(3) School		
(a) North Coventry Elementary School Greg Cunningham	██████████ office	_____

(4) Verification Message:

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

b. Notification

	Telephone	Time
(1) Elected Officials		
(a) Robert Saylor	██████████ home office	_____ _____
(b) E. Kent High	██████████ home office	_____ _____
(c) William R. Deegan	██████████ home office	_____ _____
(d) Larry Challenger	██████████ home office	_____ _____
(e) Kenneth J. Bickel	██████████ home office	_____ _____
(2) Special Facilities		
(a) Coventry Mall John Roller	██████████ office	_____

(b) Coventry Nursery School (9:00am-11:30am)

Mrs. Charles Hartman

home _____

office _____

(c) U.C.C. Camp

Wilmer Swinehart

(3) Message:

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

17. If the EOC must be evacuated:

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

b. Secure the facility and proceed to alternate EOC. _____ (time)

c. Notify Chester County Municipal Liaison Officer (431-6160) upon your arrival at alternate EOC. _____ (time)

18. Remarks/Actions Taken:

ANNEX E
Implementing Procedure
Radiological

Radiological Officer: John Ireland
Alternate: (name)

UNUSUAL EVENT

No response required.

ALERT

The Radiological Officer shall:

1. Upon notification, report to the EOC. _____
(time)
2. Inventory dosimeters/KI and prepare for distribution; complete a Receipt Form for Dosimetry - Survey Meters - KI (reference Appendix E-2). _____
(time)
3. Review remaining procedures in the event of escalation.
4. Maintain Alert status until notified of termination, escalation or reduction of classification.
5. Remarks/Action Taken:

Radiological

SITE EMERGENCY

The Radiological Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EOC. _____
(time)
 - b. Inventory dosimeters/KI and prepare for distribution; if applicable, complete a Receipt Form for Dosimetry - Survey Meters - KI (reference Appendix E-2). _____
(time)
 - c. Proceed to Step 2.
2. If escalation from Alert or if proceeding from Step 1, then:
 - a. Distribute dosimeters/KI to municipal emergency workers (reference Appendix E-1) and EOC staff; obtain a signed receipt (reference Appendix E-3). _____
(time)
 - b. Review remaining procedures in the event of escalation.
 - c. Maintain Site Emergency status until notified of termination, escalation or reduction of classification.
 - d. If termination, collect dosimeters/KI from emergency workers, inventory, and prepare for return to County EOC. _____
(time)
3. Remarks/Actions Taken:

Radiological

GENERAL EMERGENCY

The Radiological Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EOC. _____
(time)
 - b. Inventory dosimeters/KI and prepare for distribution; if applicable, complete a Receipt Form for Dosimetry - Survey Meters - KI (reference Appendix E-2). _____
(time)
 - c. Distribute dosimeters/KI to municipal emergency workers (reference Appendix E-1) and EOC staff; obtain a signed receipt (Reference, Appendix E-3) _____
(time)
 - d. Proceed to Step 2.
2. If escalation from Alert or Site Emergency, or if proceeding from Step 1, then:
 - a. Relocate to alternate EOC after population has departed.

(time)
3. Upon termination of emergency, collect dosimeters/KI from emergency workers, inventory, and prepare for return to County EOC. _____
(time)
4. Remarks/Actions Taken:

BOROUGH OF PHOENIXVILLE
CHESTER COUNTY
RADIOLOGICAL EMERGENCY RESPONSE PLAN
FOR INCIDENTS AT THE
LIMERICK GENERATING STATION
IMPLEMENTING PROCEDURES

APRIL 1984

Copy Number _____

Draft 5
Rev 7/13/84

(8) Police Services
Chief: Henry Rodrique

_____ home
_____ office _____

Deputy: Donald Sees

_____ home
_____ office _____

Have key staff report to EOC. _____
(time)

3. Report to and activate local Emergency Operations Center (EOC).
 - a. Activated _____
(time)
 - b. County Municipal Liaison Officer notified of EOC activation (431-6160). _____
(time)
 - c. Check communication systems for operability. _____
(time)
 - d. Establish EOC security. _____
(time)
 - e. Monitor EBS station WCOJ 1420 AM. _____
(time)
 - f. Ensure Route Alert Teams have been mobilized as necessary.

(time)
 - g. If public alert system has been activated, notify hearing impaired. _____
(time)
 - h. Log all incoming messages that provide information or require action. Post pertinent data on status board.
4. Ensure ARES operator contacts the County ARES base upon arrival at Borough EOC. _____
(time)
5. Report all unmet needs to the County Municipal Liaison Officer.
6. Review remaining emergency procedures in the event of escalation.
7. Maintain Alert status until notified of termination, escalation or reduction of classification:
 - a. Date: _____
 - b. Time: _____
 - c. Source: _____
 - d. Disposition
 - (1) Termination _____
 - (2) Escalation _____
 - (3) Reduction _____

Deputy: Oliver Sims

home _____
office _____

(8) Police Services
Chief: Henry Rodrique

home _____
office _____

Deputy: Donald Sees

home _____
office _____

Have key staff report to EOC. _____
(time)

3. Report to and activate the local Emergency Operations Center
 - a. Activated _____
(time)
 - b. County Municipal Liaison Officer notified of EOC activation. _____
(time)
 - c. Communications system checked or operability. _____
(time)
 - d. Establish EOC security. _____
(time)
 - e. Monitor EBS station WCOJ 1420. _____
(time)
 - f. Ensure Route Alert Teams have been mobilized as necessary.

(time)
 - g. If the public alert system has been activated, notify hearing impaired. _____
(time)
 - h. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched.

(time)
 - i. Log all messages that provide information or require action. Post pertinent data on status board.
4. Have additional emergency personnel report to the EOC (for 24-hour operation), or where needed. _____
(time)
5. Ensure that appropriate EOC staff have placed their respective emergency workers on standby status. _____
(time)
6. Verify Resource Availability:

Ensure appropriate EOC staff have reviewed their respective resource inventories and have reported deficiencies to their respective counterparts in the County EOC; for example, the municipal Transportation Officer contacts the County Transportation Officer. _____
(time)
7. Ensure Radiological Officer has distributed dosimeters/KI to emergency workers. _____
(time)

8. Review road conditions with EOC staff, i.e., there is no construction or other activity which would hinder movement of personnel or vehicles to/from the area. Ensure that the Transportation Officer and the County Public Works Officer (431-6160) are aware of any problem areas.



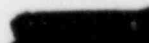
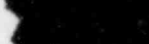

_____ (time)

9. Report all unmet needs to the County Municipal Liaison Officer.
10. Review remaining emergency procedures in the event of escalation.
11. Maintain Site Emergency status until notified of termination, escalation or reduction of classification:

- a. Date: _____
- b. Time: _____
- c. Source: _____
- d. Disposition:
- (1) Termination _____
 - (2) Escalation _____
 - (3) Reduction _____

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

	Telephone	Time
a. Elected Officials		
(1) Robert M. Gray, Mayor	_____ home _____ office	_____ _____
(2) Mrs. Bonnie R. August Council President	_____ home _____ office	_____ _____
(3) Ms. Helen M. Rambo Vice President	_____ home _____ office	_____ _____
(4) Theodore Beluch	_____ home _____ office	_____ _____
(5) John Fedora	_____ home _____ office	_____ _____
(6) Owen J. Scanlin	_____ home _____ office	_____ _____
(7) Loren Griffith	_____ home _____ office	_____ _____

(8) Michael Basca		home	_____
		office	_____
(9) John P. Horenci, Jr.		home	_____
		office	_____
(10) Joseph A. Fabian		home	_____
		office	_____
(11) Robert J. Gray		home	_____
		office	_____
(12) Alexander Kovach		home	_____
		office	_____
(13) Robert W. Mark		home	_____
		office	_____

b. Message:

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

13. Remarks/Actions Taken:

Deputy: Oliver Sims

_____ home
_____ office _____

(8) Police Services
Chief: Henry Rodrique

_____ home
_____ office _____

Deputy: Donald Sees

_____ home
_____ office _____

Have key staff report to EOC. _____
(time)

3. Report to and activate the local Emergency Operations Center.
 - a. Activated _____
(time)
 - b. County Municipal Liaison Officer notified of EOC activation (431-6160). _____
(time)
 - c. Communications system checked for operability. _____
(time)
 - d. Establish EOC security. _____
(time)
 - e. Monitor EBS station WCOJ 1420 AM. _____
(time)
 - f. Ensure Route Alert Teams have been mobilized as necessary.

(time)
 - g. Log all messages which provide information or require action. Post pertinent data on status board.
4. Ensure that all necessary emergency response personnel have reported to the EOC, where needed, or to pre-assigned location. _____
(time)
5. Verify Resource Availability:

Ensure appropriate EOC staff have reviewed their respective resource inventories and have reported deficiencies to their respective counterparts in the County EOC; for example, the municipal Transportation Officer contacts County Transportation Officer. _____
(time)
6. Ensure Radiological Officer has distributed dosimeters/KI to emergency workers and EOC staff. _____
(time)
7. Review road conditions with EOC staff, i.e., there is no construction or other activity which would hinder movement of personnel or vehicles to/from the area. Ensure that the Transportation Officer and the County Public Works Officer (431-6160) are aware of any problem areas.

(time)
8. Report all unmet needs to the Municipal Liaison Officer.
9. If sheltering is recommended:

- a. When the public alert system was activated, notify hearing impaired. _____
(time)
 - b. Monitor EBS station to ensure proper instructions are being given to the general population. _____
(time)
 - c. Ensure that Fire Department personnel have activated route alerting plan, if required. _____
(time)
10. If evacuation is ordered:
- a. When the public alert system has been activated, notify hearing impaired. _____
(time)
 - b. Monitor EBS station to ensure proper instructions are being given to the general public. _____
(time)
 - c. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched. _____
(time)
 - d. Ensure Traffic Control Points are manned. _____
(time)
 - e. Assign sufficient emergency workers to Transportation Officer to support transportation resources, i.e., one emergency worker should be available for each vehicle used to evacuate those persons who do not have transportation. _____
(time)
 - f. Advise County Municipal Liaison Officer of any additional unmet needs (431-6160). _____
(time)
 - (1) _____
 - (2) _____
 - (3) _____
 - g. Monitor evacuation process and report any problem areas to the County Municipal Liaison Officer (431-6160). _____
(time)
 - (1) _____
 - (2) _____
 - (3) _____
11. Maintain General Emergency status until:
- a. Reduction of classification. _____
(time)
 - b. Termination of emergency. _____
(time)
 - c. EOC must be evacuated. _____
(time)

12. If reduction of classification or termination of emergency, notify the following:

	Telephone	Time
a. Elected Officials		
(1) Robert M. Gray, Mayor	_____ home _____ office	_____ _____
(2) Mrs. Bonnie R. August Council President	_____ home _____ office	_____ _____
(3) Ms. Helen M. Rambo Vice President	_____ home _____ office	_____ _____
(4) Theodore Beluch	_____ home _____ office	_____ _____
(5) John Fedora	_____ home _____ office	_____ _____
(6) Owen J. Scanlin	_____ home _____ office	_____ _____
(7) Loren Griffith	_____ home _____ office	_____ _____
(8) Michael Basca	_____ home _____ office	_____ _____
(9) John P. Horenci, Jr.	_____ home _____ office	_____ _____
(10) Joseph A. Fabian	_____ home _____ office	_____ _____
(11) Robert J. Gray	_____ home _____ office	_____ _____
(12) Alexander Kovach	_____ home _____ office	_____ _____
(13) Robert W. Mark	_____ home _____ office	_____ _____

b. Message:

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

13. If the EOC must be evacuated:

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

- b. Secure the facility and proceed to alternate EOC. _____
(time)
- c. Notify Chester County Municipal Liaison Officer upon your arrival at
alternate EOC. _____
(time)

14. Remarks/Actions Taken:

ROUTE ALERTING TEAMS

I. GENERAL

- A. Borough of Phoenixville is divided into 10 Sectors.
- B. Each Sector is assigned a Route Alert Team (reference Attachment 1).
- C. Two (2) persons should be assigned to each team.

II. PURPOSE

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

III. PROCEDURES

- A. When dispatched by Chester County Communications, commence route alerting in designated sectors (reference Attachment 2).
- B. Route Alerting is accomplished by driving slowly along designated roads, periodically activating the vehicle siren and making the following announcement on the PA system:

"There is an emergency at the Limerick Generating Station; please tune to your EBS station WCOJ 1420 AM."
- C. Upon completion of route, notify Chester County Communications and return to station.

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

Sector No. 6 Alert Team: _____ Fire Department

Leader: _____

Assistant: _____

Transient Location(s): _____ (TBU)

Hearing Impaired: List will be on file in the EOC.

Sector No. 7 Alert Team: _____ Fire Department

Leader: _____

Assistant: _____

Transient Location(s): _____ (TBU)

Hearing Impaired: List will be on file in the EOC.

Sector No. 8 Alert Team: _____ Fire Department

Leader: _____

Assistant: _____

Transient Location(s): _____ (TBU)

Hearing Impaired: List will be on file in the EOC.

Sector No. 9 Alert Team: _____ Fire Department

Leader: _____

Assistant: _____

Transient Location(s): _____ (TBU)

Hearing Impaired: List will be on file in the EOC.

Sector No. 10 Alert Team: _____ Fire Department

Leader: _____

Assistant: _____

Transient Location(s): _____ (TBU)

Hearing Impaired: List will be on file in the EOC.

ANNEX H
Implementing Procedure
Radiological

Radiological Officer: William Ravis
Alternate: Donna Moetsch, R.T.

UNUSUAL EVENT

No response required.

ALERT

The Radiological Officer shall:

1. Upon notification, report to the EOC. _____
(time)
2. Inventory dosimeters/KI, prepare for distribution; complete a Receipt Form for Dosimetry-Survey Meters-KI. (reference Appendix H-2). _____
(time)
3. Review remaining procedures in the event of escalation.
4. Maintain Alert status until notified of termination, escalation, or reduction of classification.
5. Remarks/Action Taken: ✓

Radiological

SITE EMERGENCY

The Radiological Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EOC. _____
(time)
 - b. Inventory dosimeters/KI and prepare for distribution; if applicable, complete a Receipt Form for Dosimetry-Survey Meters-KI. (reference Appendix H-2). _____
(time)
 - c. Proceed to Step 2.
2. If escalation from Alert or if proceeding from Step 1, then:
 - a. Distribute dosimeters/KI to municipal emergency workers and EOC Staff (reference Appendix H-1); obtain a signed receipt (reference Appendix H-3). _____
(time)
 - b. Review remaining procedures in the event of escalation.
 - c. Maintain Site Emergency status until notified of termination, escalation or reduction of classification.
3. If termination, collect dosimeters/KI from emergency workers, inventory, and prepare for return to County EOC. _____
(time)
4. Remarks/Actions Taken:

Radiological

GENERAL EMERGENCY

The Radiological Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EOC. _____
(time)
 - b. Inventory dosimeters/KI and prepare for distribution; complete a Receipt Form for Dosimetry - Survey Meters - KI (reference Appendix H-2). _____
(time)
 - c. Distribute dosimeters/KI to municipal emergency workers (reference Appendix H-1) and EOC staff; obtain a signed receipt (reference Appendix H-3). _____
(time)
 - d. Proceed to Step 2.
2. If escalation from Alert or Site Emergency, or if proceeding from Step 1, then:
 - a. Relocate to alternate EOC after population has departed.

(time)
 - b. Upon termination of emergency, collect dosimeters/KI from emergency workers, inventory, and prepare for return to County EOC.

(time)
3. Remarks/Actions Taken:

ANNEX I
Implementing Procedure
Public Relations

Information Officer: _____
Alternate: _____

UNUSUAL EVENT

No response necessary unless police services are required at the Limerick Generating Station.

ALERT

1. Upon notification, report to the EUC. _____ (time)
2. Verify the following have been notified:

	Telephone	Time
a. Police Department	933-1180	_____
b. Fire Departments		
(1) Phoenix Hose, Hook & Ladder Company #1	_____	_____
(2) Friendship Fire Company #2	██████████	_____
(3) West End Fire Company #3	██████████	_____
c. Ambulance Service	██████████	_____
d. Schools	Telephone	Time
(1) Phoenixville Senior High School	Vincent G. Daher Principal	██████████ _____
(2) Phoenixville Junior High School	David Stewart Principal	██████████ _____
(3) Barkley Elementary School	Joseph Dougherty Principal	██████████ _____
(4) Second Avenue Elem. School	Joseph Dougherty Principal	██████████ _____
(5) St. Ann School	Sis. Maria Auxilia Principal	██████████ _____

- (6) St. Mary of the Assumption Sis. John Louise Principal [REDACTED] _____
- (7) Holy Trinity School Sis. Mary Damian Principal [REDACTED] _____

e. Hospital

- (1) Phoenixville Hospital [REDACTED] _____

f. Nursing Home

- (1) Phoenixville Manor [REDACTED] _____

g. Major Industries

- (1) Phoenix Steel Corp. [REDACTED] office _____
- (2) West Co. [REDACTED] office _____
- (3) SCM Products [REDACTED] office _____
- (4) A. P. Deno _____ office _____
- (5) Budd Co. [REDACTED] office _____
- (6) Leighton Industries [REDACTED] office _____
- (7) Danco Tool [REDACTED] office _____
- (8) Kimberton Kit Co. [REDACTED] office _____
- (9) Bachman Co. [REDACTED] office _____
- (10) Randolph Industries [REDACTED] office _____
- (11) Handi-Crafters [REDACTED] office _____

h. Verification Message:

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

3. Notify the following:

a. Special Facilities

- Phoenixville Senior Citizens Center Elaine Smith [REDACTED]
- King Terrace Nursing Home Donna Baker [REDACTED]
- Contact: Chester County Housing Authority Fred Brown [REDACTED]

b. Message

This is _____ (Name/Title) . An incident classification of "Alert" has been declared at the Limerick Generating Station." Note: This is provided for information purposes only. No actions are normally required.

4. Review remaining emergency procedures in the events of escalation.
5. Maintain Alert status until notified of termination, escalation or reduction of classification.
6. If escalation, accomplish appropriate Implementing Procedure. If termination or reduction of classification, verify/notify the following:

a. Verification

		Telephone	Time
(1) Police Department		██████████	_____
(2) Fire Departments			
(a) Phoenix Hose, Hook & Ladder Company #1		_____	_____
(b) Friendship Fire Company #2		██████████	_____
(c) West End Fire Company #3		██████████	_____
(3) Ambulance Service		██████████	_____
(4) Schools			
(a) Phoenixville Senior High School	Vincent G. Daher Principal	██████████	_____
(b) Phoenixville Junior High School	David Stewart Principal	██████████	_____
(c) Barkley Elementary School	Joseph Dougherty Principal	██████████	_____
(d) Second Avenue Elem. School	Joseph Dougherty Principal	██████████	_____
(e) St. Ann School	Sis. Maria Auxilia Principal	██████████	_____
(f) St. Mary of the Assumption	Sis. John Louise Principal	██████████	_____
(g) Holy Trinity School	Sis. Mary Damian Principal	██████████	_____

(5) Hospital

(a) Phoenixville Hospital [redacted] _____

(6) Nursing Home

(a) Phoenixville Manor [redacted] _____

(7) Major Industries

(a) Phoenix Steel Corp. [redacted] office _____

(b) West Co. [redacted] office _____

(c) SCM Products [redacted] office _____

(d) A. P. Deno _____ office _____

(e) Budd Co. [redacted] office _____

(f) Leighton Industries [redacted] office _____

(g) Danco Tool [redacted] office _____

(h) Kimberton Kit Co. [redacted] office _____

(i) Bachman Co. [redacted] office _____

(j) Randolph Industries [redacted] office _____

(k) Handi-Crafters [redacted] office _____

(8) Verification Message:

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

a. Notification

(1) Special Facilities

(a) Phoenixville Senior Citizens Center

Elaine Smith [redacted]

Donna Baker [redacted]

(b) King Terrace Nursing Home

Contact: Chester County Housing Authority

Fred Brown [redacted]

- (g) Holy Trinity School
Sis. Mary Damian
Principal [REDACTED] _____
- (b) Hospital
 - (a) Phoenixville Hospital [REDACTED] _____
- (6) Nursing Home
 - (a) Phoenixville Manor [REDACTED] _____
- (7) Major Industries
 - (a) Phoenix Steel Corp. [REDACTED] office _____
 - (b) West Co. [REDACTED] office _____
 - (c) SCM Products [REDACTED] office _____
 - (d) A. P. Deno _____ office _____
 - (e) Budd Co. [REDACTED] office _____
 - (f) Leighton Industries [REDACTED] office _____
 - (g) Danco Tool [REDACTED] office _____
 - (h) Kimberton Kit Co. [REDACTED] office _____
 - (i) Bachman Co. [REDACTED] office _____
 - (j) Randolph Industries [REDACTED] office _____
 - (k) Handi-Crafters [REDACTED] office _____
- (8) Verification Message:

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

c. Proceed to Step 3.

2. Notify the Following:

a. Special Facilities

Phoenixville Senior Citizens Center

Elaine Smith
Donna Baker

King Terrace Nursing Home

Contact: Chester County Housing Authority
Fred Brown [REDACTED]

b. Message

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

3. If escalation from Alert or it proceeding from Step 1, then:

- a. Review remaining emergency procedures in the event of escalation.
- b. Maintain Site Emergency Status until notified of termination, escalation or reduction of classification.
- c. If escalation, accomplish appropriate Implementing Procedure. If termination or reduction of classification, verify/notify the following:

(1) Verification

	Telephone	Time
(a) Police Department	[REDACTED]	_____
(b) Fire Departments		
(1) Phoenix Hose, Hook & Ladder Co. #1	_____	_____
(2) Friendship Fire Company #2	[REDACTED]	_____
(3) West End Fire Company #3	[REDACTED]	_____
(c) Ambulance Service	[REDACTED]	_____
(d) Schools		
(1) Phoenixville Senior High School Vincent G. Daher Principal	[REDACTED]	_____
(2) Phoenixville Junior High School David Stewart Principal	[REDACTED]	_____
(3) Barkley Elementary School Joseph Dougherty Principal	[REDACTED]	_____
(4) Second Avenue Elem. School Joseph Dougherty Principal	[REDACTED]	_____
(5) St. Ann School		

- Sis. Maria Auxilia
Principal [REDACTED] _____
- (6) St. Mary of the Assumption
Sis. John Louise
Principal [REDACTED] _____
- (7) Holy Trinity School
Sis. Mary Damian
Principal [REDACTED] _____
- (e) Hospital
- (1) Phoenixville Hospital [REDACTED] _____
- (f) Nursing Home
- (1) Phoenixville Manor [REDACTED] _____
- (g) Major Industries
- (1) Phoenix Steel Corp. [REDACTED] office _____
- (2) West Co. [REDACTED] office _____
- (3) SCM Products [REDACTED] office _____
- (4) A. P. Deno _____ office _____
- (5) Budd Co. [REDACTED] office _____
- (6) Leighton Industries [REDACTED] office _____
- (7) Danco Tool [REDACTED] office _____
- (8) Kimberton Kit Co. [REDACTED] office _____
- (9) Bachman Co. [REDACTED] office _____
- (10) Randolph Industries [REDACTED] office _____
- (11) Handi-Crafters [REDACTED] office _____
- (h) Verification Message:

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

(2) Notification

(a) Special Facilities

- (1) Phoenixville Senior Citizens Center
Elaine Smith [REDACTED]
Donna Baker [REDACTED]
- (2) King Terrace Nursing Home
Contact: Chester County Housing Authority
Fred Brown [REDACTED]

(b) Message

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

4. Remarks/Actions Taken

Public Relations

GENERAL EMERGENCY

The Information Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EUC. _____
(time)
 - b. Verify the following have been notified:

	Telephone	Time
(1) Police Department	[REDACTED]	_____
(2) Fire Departments		
(a) Phoenix Hose, Hook & Ladder Co. #1	_____	_____
(b) Friendship Fire Company #2	[REDACTED]	_____
(c) West End Fire Company #3	[REDACTED]	_____
(3) Ambulance Service	[REDACTED]	_____
(4) Schools		
(a) Phoenixville Senior High School Vincent G. Daher Principal	[REDACTED]	_____
(b) Phoenixville Junior David Stewart Principal	[REDACTED]	_____
(c) Barkley Elementary School Joseph Dougherty Principal	[REDACTED]	_____
(d) Second Avenue Elem. School Joseph Dougherty Principal	[REDACTED]	_____
(e) St. Ann School Sis. Maria Auxilia Principal	[REDACTED]	_____
(f) St. Mary of the Assumption Sis. John Louise Principal	[REDACTED]	_____

- (j) Holy Trinity School
Sis. Mary Damian
Principal [redacted] _____
- (5) Hospital
 - (a) Phoenixville Hospital [redacted] _____
- (6) Nursing Home
 - (a) Phoenixville Manor [redacted] _____
- (7) Major Industries
 - (a) Phoenix Steel Corp. [redacted] office _____
 - (b) West Co. [redacted] office _____
 - (c) SCM Products [redacted] office _____
 - (d) A. P. Deno _____ office _____
 - (e) Budd Co. [redacted] office _____
 - (f) Leighton Industries [redacted] office _____
 - (g) Danco Tool [redacted] office _____
 - (h) Kimberton Kit Co. [redacted] office _____
 - (i) Bachman Co. [redacted] office _____
 - (j) Randolph Industries [redacted] office _____
 - (k) Handi-Crafters [redacted] office _____

(8) Verification Message:

"This is _____ (name) _____, Information Officer. I would like to verify that you have been notified that an incident classification of "General Emergency" has been declared at the Limerick Generating Station."

c. Proceed to Step 3.

2. Notify the Following:

a. Special Facilities

Phoenixville Senior Citizens Center Elaine Smith [redacted]
 Donna Baker [redacted]
 King Terrace Nursing Home

Contact: Chester County Housing Authority
Fred Brown [REDACTED]

b. Message

"This is _____ (name), Information Officer. An incident classification of 'General Emergency' has been declared at the Limerick Generating Station." (Provide appropriate instructions).

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

a. If recommended protective action is evacuation:

(1) Relocate to alternate EUC after population has departed.

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

(1) Verification

	Telephone	Time
(a) Police Department	[REDACTED]	_____
(b) Fire Departments		
(1) Phoenix Hose, Hook & Ladder Co. #1	_____	_____
(2) Friendship Fire Company #2	[REDACTED]	_____
(3) West End Fire Company #3	[REDACTED]	_____
(c) Ambulance Service	[REDACTED]	_____
(d) Schools		
(1) Phoenixville Senior High School Vincent G. Daher Principal	[REDACTED]	_____
(2) Phoenixville Junior High School David Stewart Principal	[REDACTED]	_____
(3) Barkley Elementary School Joseph Dougherty Principal	[REDACTED]	_____
(4) Second Avenue Elem. School Joseph Dougherty Principal	[REDACTED]	_____
(5) St. Ann School Sis. Maria Auxilia Principal	[REDACTED]	_____

- (6) St. Mary of the Assumption
Sis. John Louise
Principal [REDACTED] _____
- (7) Holy Trinity School
Sis. Mary Damian
Principal [REDACTED] _____
- (e) Hospital
- (1) Phoenixville Hospital [REDACTED] _____
- (f) Nursing Home
- (1) Phoenixville Manor [REDACTED] _____
- (g) Major Industries
- (1) Phoenix Steel Corp. [REDACTED] office _____
- (2) West Co. [REDACTED] office _____
- (3) SCM Products [REDACTED] office _____
- (4) A. P. Deno _____ office _____
- (5) Budd Co. [REDACTED] office _____
- (6) Leighton Industries [REDACTED] office _____
- (7) Danco Tool [REDACTED] office _____
- (8) Kimberton Kit Co. [REDACTED] office _____
- (9) Bachman Co. [REDACTED] office _____
- (10) Randolph Industries [REDACTED] office _____
- (11) Handi-Crafters [REDACTED] office _____

(h) Verification Message:

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

(2) Notification

(a) Special Facilities

- (1) Phoenixville Senior Citizens Center
Elaine Smith [REDACTED]

Donna Baker [REDACTED]
(2) King Terrace Nursing Home
Contact: Chester County Housing Authority
Fred Brown [REDACTED]

(b) Message

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

3. Remarks/Actions Taken

SCHUYLKILL TOWNSHIP
CHESTER COUNTY
RADIOLOGICAL EMERGENCY RESPONSE PLAN
FOR INCIDENTS AT THE
LIMERICK GENERATING STATION

IMPLEMENTING PROCEDURES

APRIL 1984

Copy Number _____

Draft 5

ANNEX A

Implementing Procedure

Emergency Management Coordinator*

Emergency Management Coordinator: Norman Vutz
Alternate: Herman A John

UNUSUAL EVENT

1. If notified, document:
 - a. Date: _____
 - b. Time: _____
 - c. Source: _____
 - d. Details: _____

 - e. Actions Recommended: _____

 - f. Actions Taken: _____

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

Have key staff report to EUC. _____
(time)

3. Verify that the following have been notified:

- | | Telephone | Time |
|---------------------------------|------------|-------|
| a. Police Department | _____ | _____ |
| b. Valley Forge Fire Department | ██████████ | _____ |
| c. Verification Message: | | |

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

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

- a. Activated _____
(time)
- b. County Municipal Liaison Officer notified of EUC activation. (431-6160) _____
(time)
- c. Check communication systems for operability. _____
(time)
- d. Establish EUC security. _____
(time)
- e. Monitor EBS station WCOJ 1420 AM. _____
(time)
- f. Ensure Route Alert Teams have been mobilized as necessary.
_____ (time)
- g. If public alert system has been activated, notify hearing impaired. _____
(time)
- h. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched.
_____ (time)
- i. Verify the County has assigned an ARES unit to the Township EUC.
_____ (time)
- j. Log all incoming messages that provide information or require a response. Post pertinent data on status board.

5. Verify that the following have been notified:

- | | Telephone | Time |
|------------------------------------|--------------------------|-------------------------|
| a. Schools | | |
| (1) Schuylkill Township Elementary | Frank Orlando, Principal | ██████████ office _____ |

- (2) Phoenixville Area Junior High David Stewart, Principal [redacted] office _____
- (3) Northern Chester Co. Vo./Tech. School Robert Zimmerman Director [redacted] office _____
- (4) Valley Forge Christian Academy Scott Nason Administrator [redacted] office _____

b. Major Industries

- (1) American Inks and Coating Corp. David Smith _____ home _____ office _____
- (2) McAvoy Vitriified Brick Company R. Kimbel Colket [redacted] home _____ office _____
- (3) West Company _____ home _____ office _____

c. Verification Message:

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

6. Notify the following:

a. Special Facilities

- (1) YMCA Baker Park _____ _____ home _____ office _____

b. Message:

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

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


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

8. Report all unmet needs to the County Municipal Liaison Officer (431-6160) _____ (time)

9. Review remaining emergency procedures in the event of escalation.
10. Maintain Alert status until notified of termination, escalation or reduction of classification:
- a. Date: _____
 - b. Time: _____
 - c. Source: _____
 - d. Disposition
 - (1) Termination _____
 - (2) Escalation _____
 - (3) Reduction _____
11. If escalation, accomplish appropriate Implementing Procedure. If termination or reduction of classification, verify/notify the following:

a. Verification:

	Telephone	Time
(1) Police Department	_____	_____
(2) Valley Forge Fire Department	██████████	_____
(3) Schools		
(a) Schuylkill Township		
Elementary	Frank Orlando, Principal	██████████ office _____
(b) Phoenixville Area		
Junior High	David Stewart, Principal	██████████ office _____
(c) Northern Chester Co.		
Vo./Tech. Sch.	Robert Zimmerman Director	██████████ office _____
(d) Valley Forge	Scott Nason	██████████ office _____
Christian Academy	Adm.	
(4) Major Industries		
(a) American Inks and Coating Corp.		
David Smith	_____	home _____
	_____	office _____



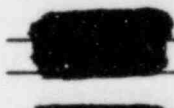

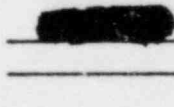
(b) McAvoy Vitrified Brick Company
 R. Kimbel Colket  home _____
 office _____

(c) West Company _____ home _____
 office _____

(5) Verification Message:

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

b. Notification:

	Telephone	Time
(1) Elected Officials		
Herman A. John	 home _____ office _____	_____
Lawrence Drake	 home _____	_____
R. Kimbel Colket	 home _____ office _____	_____
Norman Vutz	 home _____ office _____	_____
Edward Stoeber	 home _____ office _____	_____
(2) Special Facilities		
(a) YMCA Baker Park	_____	home _____ office _____

(3) Message:


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

12. Remarks/Actions Taken:

(3) Transportation Officer _____ home _____
 _____ office _____
 or _____ home _____
 Deputy _____ office _____

Have key staff report to EJC. _____
 (time)

3. Verify that the following have been notified:

	Telephone	Time
a. Police Department	_____	_____
b. Valley Forge Fire Department		_____
c. Verification Message:		

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

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

- a. Activated _____
 (time)
 - b. County Municipal Liaison Officer notified of EOC activation. (431-6160) _____
 (time)
 - c. Communications system checked for operability. _____
 (time)
 - d. Establish EOC security. _____
 (time)
 - e. Monitor EBS station WCOJ 1420 AM. _____
 (time)
 - f. Ensure Route Alert Teams have been mobilized as necessary.

 (time)
 - g. If the public alert system has been activated, notify hearing impaired. _____
 (time)
 - h. Verify the County has assigned an ARES unit to the Township EOC.

 (time)
 - i. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched.
 - j. Log all incoming messages that provide information or require a response. Post all pertinent data on status board.
5. Have additional emergency personnel report to the EOC (for 24-hour operation), or where needed. _____
 (time)

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

(time)

7. Verify that the following have been notified:

		Telephone	Time
a. Public/Parochial Schools			
(1) Schuylkill Township Elementary	Frank Orlando, Principal	_____ office	_____
(2) Phoenixville Area Junior High	David Stewart, Principal	_____ office	_____
(3) Northern Chester Co. Vo./Tech. Sch.	Robert Zimmerman Director	_____ office	_____
(4) Valley Forge Christian Academy	Scott Nason Adm.	_____ office	_____
b. Major Industries			
(1) American Inks and Coating Corp.	David Smith	_____ home _____ office	_____
(2) McAvoy Vitriified Brick Company	R. Kimbel Colket	_____ home _____ office	_____
(3) West Company		_____ home _____ office	_____

c. Verification Message:

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

8. Notify the following:

		Telephone	Time
a. Special Facilities			
(1) YMCA Baker Park	_____	_____ home _____ office	_____

b. Message:

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

9. Verify Resource Availability:

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

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

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

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

13. Report all unmet needs to the County Municipal Liaison Officer (431-6160) _____
(time)

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

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

a. Date: _____

b. Time: _____

c. Source: _____

d. Disposition:

(1) Termination _____

(2) Escalation _____

(3) Reduction _____

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

a. Verification:

	Telephone	Time
(1) Police Department	_____	_____
(2) Valley Forge Fire Department	_____	_____
(3) Public/Parochial Schools	_____	_____

(a) Schuylkill Township

Elementary Frank Urlando, [redacted] office _____
Principal

(b) Phoenixville Area

Junior High David Stewart, [redacted] office _____
Principal

(c) Northern Chester Co.

Vo./Tech. Sch. Robert Zimmerman [redacted] office _____
Director

(d) Valley Forge Christian Academy

Scott Nason [redacted] office _____
Adm.

(4) Major Industries

(a) American Inks and Coating Corp.

David Smith _____ home _____
_____ office _____

(b) McAvoy Vitrified Brick Company

R. Kimbel Colket [redacted] home _____
[redacted] office _____

(c) West Company

_____ home _____
_____ office _____

(5) Verification Message:

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

b. Notification

(1) Elected Officials

Herman A. John _____ Telephone _____ Time _____
[redacted] home _____
[redacted] office _____

Lawrence Drake _____ Telephone _____ Time _____
[redacted] home _____

R. Kimbel Colket _____ Telephone _____ Time _____
[redacted] home _____
[redacted] office _____

Norman Vutz _____ Telephone _____ Time _____
[redacted] home _____
[redacted] office _____

Edward Stoeber _____ Telephone _____ Time _____
[redacted] home _____
[redacted] office _____

(2) Special Facilities

(a) YMCA Baker Park _____

home
office _____

(3) Message:

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

17. Remarks/Actions Taken: _____

(3) Transportation Officer _____ home _____
 _____ office _____
 or _____ home _____
 Deputy _____ office _____

Have key staff report to EOC. _____
 (time)

3. Verify that the following have been notified:

	Telephone	Time
a. Police Department	_____	_____
b. Valley Forge Fire Department	██████████	_____
c. Verification Message:		

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

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

- a. Activated _____
 (time)
- b. County Municipal Officer notified of EOC activation. (431-6160) _____
 (time)
- c. Communications system checked for operability. _____
 (time)
- d. Establish EOC security. _____
 (time)
- e. Monitor EBS station WCOJ 1420 AM. _____
 (time)
- f. Ensure Route Alert Teams have been mobilized as necessary.

 (time)
- g. Verify the County has assigned an ARES unit to the Township EOC.

 (time)
- h. Log all incoming messages that provide information or require a response. Post all pertinent data on status board.

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

6. Verify that the following have been notified:

	Telephone	Time
a. Public/Parochial Schools		
(1) Schuylkill Township		
Elementary	Frank Urlando, Principal	██████████ office _____

- (2) Phoenixville Area
Junior High David Stewart, Principal [redacted] office _____
- (3) Northern Chester Co.
Vo./Tech. Sch. Director Robert Zimmerman [redacted] office _____
- (4) Valley Forge
Christian Academy Scott Nason Adm. [redacted] office _____

b. Major Industries

- (1) American Inks and Coating Corp. David Smith _____ home office _____
- (2) McAvoy Vitriified Brick Company R. Kimbel Colket [redacted] home office _____
- (3) West Company _____ home office _____

c. Verification Message:

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

7. Notify the following:

- | | Telephone | Time |
|-----------------------|-----------|-------------------------|
| a. Special Facilities | | |
| (1) YMCA Baker Park | _____ | _____ home office _____ |

b. Message:

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

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

8. Verify Resource Availability:

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

(time)

9. Ensure Fire Services Officer has distributed dosimeters/KI to emergency workers. _____
(time)
10. Review road conditions with EOC staff, i.e., there is no construction or other activity which would hinder movement of personnel or vehicles to/from the area. Ensure that the Transportation Officer and the County are aware of any problem areas. _____
(time)
11. Ensure ARES operator contacts the County ARES base upon arrival at the Township EOC. _____
(time)
12. Report all unmet needs to the County Municipal Liaison Officer (431-6160) _____
(time)
13. If sheltering is recommended:
 - a. When the public alert system has been activated, notify hearing impaired. _____
(time)
 - b. Monitor EBS station to ensure proper instructions are being given to the general population. _____
(time)
 - c. In the event of siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched. _____
(time)
14. If evacuation is ordered:
 - a. When the public alert system has been activated, notify hearing impaired. _____
(time)
 - b. Monitor EBS station to ensure proper instructions are being given to the general public. _____
(time)
 - c. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched. _____
(time)
 - d. Ensure Traffic Control Points have been manned. _____
(time)
 - e. Assign sufficient emergency workers to Transportation Officer to support transportation resources, i.e., one emergency worker should be available for each vehicle used to evacuate those persons who do not have transportation. _____
(time)
 - f. Advise County Municipal Liaison officer of any additional unmet needs. _____
(time)
 - (1) _____
 - (2) _____
 - (3) _____

g. Monitor evacuation process and report any problem areas to the County Municipal Liaison Officer. _____

(time)

(1) _____

(2) _____

(3) _____

15. Maintain General Emergency status until:

a. Reduction of classification. _____
(time)

b. Termination of emergency. _____
(time)

c. EOC must be evacuated. _____
(time)

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

a. Verification:

	Telephone	Time
(1) Police Department	_____	_____
(2) Valley Forge Fire Department	_____	_____
(3) Public/Parochial Schools		
(a) Schuylkill Township		
Elementary	Frank Orlando, Principal	_____ office _____
(b) Phoenixville Area		
Junior High	David Stewart, Principal	_____ office _____
(c) Northern Chester Co.		
Vo./Tech. Sch.	Robert Zimmerman, Director	_____ office _____
(d) Valley Forge Christian Academy	Scott Nason, Adm.	_____ office _____
(4) Major Industries		
(a) American Inks and Coating Corp.		
David Smith	_____ home _____	_____ office _____
(b) McAvoy Vitrified Brick Company		
R. Kimbel Colket	_____ home _____	_____ office _____

(c) West Company

_____ home
_____ office _____

(5) Verification Message:

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

b. Notification

	Telephone	Time
(1) Elected Officials		
Herman A. John	_____ home _____ office	_____
Lawrence Drake	_____ home	_____
R. Kimbel Colket	_____ home _____ office	_____
Norman Vutz	_____ home _____ office	_____
Edward Stoeber	_____ home _____ office	_____

(2) Special Facilities

(a) YMCA Baker Park _____ home
_____ office _____

(3) Message:

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

17. If the EOC must be evacuated:

- a. If possible, wait until the municipality has been evacuated before leaving the EOC.
- b. Secure the facility and proceed to alternate EOC.
- c. Notify Chester County Municipal Liaison Officer upon your arrival at alternate EOC. _____ (time)

18. Remarks/Actions Taken:

ANNEX C
Implementing Procedure
Fire Services*

Fire Services Officer: Albert McIntyre
Alternate: (name)

UNUSUAL EVENT

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

ALERT

The Fire Services Officer shall:

1. Upon request of Emergency Management Coordinator, report to the EOC.
_____ (time)
2. Ensure that normal fire protection services are maintained.
3. If required, ensure mobilization of sufficient personnel to meet Route Alert Team requirements and make assignments to vehicles (reference, Appendix C-2). _____ (time)
4. Inventory dosimeters/KI and prepare for distribution; complete a Receipt Form for Dosimetry-Survey Meters-KI (reference Appendix C-5). _____ (time)
5. Review remaining emergency procedures in the event of escalation.
6. Maintain Alert status until notified of termination, escalation or reduction of classification.
7. Remarks/Actions Taken:

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

Fire Services

SITE EMERGENCY

The Fire Services Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EUC. _____
(time)
 - b. Ensure normal fire protection services are maintained.
 - c. Inventory dosimeters/KI and prepare for distribution; if applicable, complete a Receipt Form for Dosimetry-Survey Meters-KI (reference Appendix C-5). _____
(time)
 - d. If required, ensure mobilization of sufficient personnel to meet Route Alert Team requirements and make assignments to vehicles (reference Appendix C-2). _____
(time)
 - e. Proceed to Step 2.
2. If escalation from Alert, or if proceeding from Step 1, then:
 - a. Mobilize additional personnel as necessary and have them report to fire station (reference Appendix C-1). _____
(time)
 - b. Distribute dosimeters/KI to municipal emergency workers and EUC staff (reference Appendix C-4); obtain a signed receipt (reference Appendix C-6). _____
(time)
 - c. Review personnel/equipment inventory (reference Appendix C-1), verify availability, and report unmet needs to County EUC, Fire Services at 431-6160. _____
(time)
 - d. Review remaining emergency procedures in the event of escalation.
 - e. Maintain Site Emergency status until notified of escalation, termination or reduction of classification.
3. If termination, collect dosimeters/KI from emergency workers, inventory, and prepare for return to County EUC. _____
(time)
4. Remarks/Actions Taken:

Fire Services

GENERAL EMERGENCY

The Fire Services Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EOC. _____
(time)
 - b. Ensure mobilization of sufficient personnel to meet Route Alert Team requirements and make assignments to vehicles (reference Appendix C-2). _____
(time)
 - c. Mobilize additional fire personnel and have them report to fire station (reference Appendix C-1). _____
(time)
 - d. Inventory dosimeters/KI and prepare for distribution; if applicable, complete a Receipt Form for Dosimetry-Survey Meters-KI (reference Appendix C-5). _____
(time)
 - e. Distribute dosimeters/KI to municipal emergency workers and EOC staff (reference Appendix C-4); obtain a signed receipt (reference Appendix C-6). _____
(time)
 - f. Review personnel/equipment inventory (reference Appendix C-1), verify availability, and report unmet needs to County EOC, Fire Services at 431-6160. _____
(time)
 - g. Proceed to Step 2.
2. If escalation from Alert or Site Emergency, or if proceeding from Step 1, then:
 - a. Monitor route alerting if required, and support as necessary. _____
(time)
 - b. Inform County EOC upon completion of all route alerting in municipality. _____
(time)
 - c. Relocate to alternate EOC. _____
(time)
3. Upon termination of emergency, collect dosimeters/KI from emergency workers, inventory, and prepare for return to County EOC. _____
(time)
4. Remarks/Actions Taken:

ROUTE ALERTING PROCEDURESI. GENERAL

- A. Schuylkill Township is divided into 4 Sectors.
- B. Each Sector is assigned a Route Alert Team (reference Attachment 1).
- C. Two (2) persons should be assigned to each team.

II. PURPOSE

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

III. PROCEDURES

- A. When dispatched by Chester County Communications, commence route alerting in designated sectors (reference Attachment 2).
- B. Route Alerting is accomplished by driving slowly along designated roads, periodically activating the vehicle siren and making the following announcement on the PA system:

"There is an emergency at the Limerick Generating Station; please tune to your EBS station WCOJ 1420 AM."
- C. Upon completion of route, notify Chester County Communications and return to station.

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

ROUTE ALERT TEAMS AND MAPS

Sector No. 68-A Alert Team: Valley Forge Fire Department

Leader: * _____

Assistant: * _____

Transient Location: _____ None _____

Hearing Impaired: List are on file in the EOC.

Sector No. 68-B Alert Team: Valley Forge Fire Department

Leader: * _____

Assistant: * _____

Transient Location: _____ None _____

Hearing Impaired: List are on file in the EOC.

Sector No. 68-C Alert Team: Valley Forge Fire Department

Leader: * _____

Assistant: * _____

Transient Location: _____ None _____

Hearing Impaired: List are on file in the EOC.

Sector No. 68-D Alert Team: Valley Forge Fire Department

Leader: * _____

Assistant: * _____

Transient Location: _____ None _____

Hearing Impaired: List are on file in the EOC.

*Route Alert Teams will be determined at the time of a incident based upon available manpower. Names are on file in Township EOC.

ROUTE ALERTING SECTOR MAP

Map will be inserted in the final draft.

MESSAGE - HEARING IMPAIRED

There is an emergency at the Limerick Generating Station.

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

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

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

TRANSPORTATION RESOURCE REQUIREMENTS

Vehicles Required

Vehicles Available

Unmet Needs

2 Buses

0 buses

2 Buses

5 Ambulances

0 Ambulances

5 Ambulances

BOROUGH OF SPRING CITY
CHESTER COUNTY
RADIOLOGICAL EMERGENCY RESPONSE PLAN
FOR INCIDENTS AT THE
LIMERICK GENERATING STATION
IMPLEMENTING PROCEDURES

APRIL 1984

Copy Number _____

Draft 5
Rev 7/13/84

Deputy	_____	home	_____
	_____	office	_____
Fire Services Officer	_____	home	_____
	_____	office	_____
Deputy	_____	home	_____
	_____	office	_____
Ambulance Service Officer	_____	home	_____
	_____	office	_____
Deputy	_____	home	_____
	_____	office	_____

Have key staff report to EOC. _____ (time)

3. Verify that the following have been notified:

	Telephone	Time
a. Spring City Police Department	██████████	_____
b. Liberty Fire Company	██████████	_____
c. Spring City Area Ambulance	██████████	_____
d. Spring Ford Rescue Squad	██████████	_____
e. Verification Message:		

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

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

- a. Activated. _____ (time)
- b. County Municipal Liaison Officer notified of EOC activation. _____ (time)
- c. Check communication systems for operability. _____ (time)
- d. Establish EOC security. _____ (time)
- e. Monitor EBS station WCOJ 1420 AM. _____ (time)
- f. Ensure Route Alert Teams have been mobilized as necessary. _____ (time)
- g. If public alert system has been activated, notify hearing impaired. _____ (time)

- h. In the event of a siren failure receive notification from the County that appropriate route alert teams have been dispatched. _____ (time)
- i. Verify the County has assigned an ARES unit to the Borough EOC. _____ (time)
- j. Log all incoming messages that provide information or require a response. Post pertinent information on status board.

5. Verify that the following have been notified:

		Telephone	Time
a. Major Industries			
Mingo Foundry	Merril Adams President	[REDACTED]	_____
Spring City Foundry	Samuel Marcus President	[REDACTED]	_____
La Salle Steel	Richard Treder General Manager	[REDACTED]	_____
Valley Forge Flag Co.	Anna Marie Davis Manager	[REDACTED]	_____

b. Verification Message:

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

- 6. Ensure ARES operator contacts the County ARES base upon arrival at the Borough EOC. _____ (time)
- 7. Review remaining emergency procedures in the event of escalation.
- 8. Report all unmet needs to the County Municipal Liaison Officer. _____ (time)
- 9. Maintain Alert status until notified of termination, escalation or reduction of classification:
 - a. Date: _____
 - b. Time: _____
 - c. Source: _____
 - d. Disposition
 - (1) Termination _____
 - (2) Escalation _____

(3) Reduction _____

10. If escalation, accomplish appropriate Implementing Procedure. If termination, verify/notify the following:

a. Verification:

		Telephone	Time
(1)	Spring City Police Department	[REDACTED]	_____
(2)	Liberty Fire Company	[REDACTED]	_____
(3)	Spring City Area Ambulance	[REDACTED]	_____
(4)	Spring Ford Rescue Squad	[REDACTED]	_____
(5)	Major Industries		
	Mingo Foundry	Merril Adams President	[REDACTED] _____
	Spring City Foundry	Samuel Marcus President	[REDACTED] _____
	La Salle Steel	Richard Treder General Manager	[REDACTED] _____
	Valley Forge Flay Co.	Anna Marie Davis Manager	[REDACTED] _____

(6) Verification Message:

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

b. Notification:

		Telephone	Time
(1)	Elected Officials		
	Mayor: C. Neal McClellan	[REDACTED] home	_____
	Richard Latshaw	[REDACTED] home	_____
	Harold Snaith	[REDACTED] home office	_____ _____
	Eugene McVeigh	[REDACTED] home office	_____ _____

Earl Fries



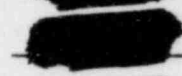
home

E. Shaner



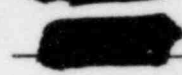
home

Paul Kocher



home

H. Blare Hipple



home

office

Edwin Roussey



home

office

(2) Message:

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

11. Remarks/Action Taken:

b. Key Staff

Police Service Officer

_____ home
_____ office _____

Deputy

_____ home
_____ office _____

Fire Services Officer

_____ home
_____ office _____

Deputy

_____ home
_____ office _____

Ambulance Service Officer

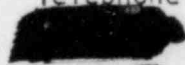
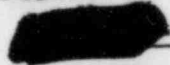
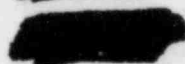
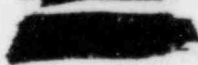
_____ home
_____ office _____

Deputy

_____ home
_____ office _____

Have key staff report to EOC. _____
(time)

3. Verify that the following have been notified:

	Telephone	Time
a. Spring City Police Department		_____
b. Liberty Fire Company		_____
c. Spring City Area Ambulance		_____
d. Spring Ford Rescue Squad		_____
e. Verification Message:		

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

4. Report to and activate the local Emergency Operations Center

- a. Activated _____
(time)
- b. County Municipal Liaison Officer notified of EOC activation. _____
(time)
- c. Communication system checked for operability. _____
(time)
- d. Establish EOC security. _____
(time)
- e. Monitor EBS station WCOJ 1420 AM. _____
(time)

- f. Ensure Route Alert Teams have been mobilized as necessary.
_____ (time)
- g. If the public alert system has been activated, notify hearing impaired. _____ (time)
- h. In the event of a siren failure receive notification from the County that appropriate route alert teams have been dispatched. _____ (time)
- i. Log all incoming messages that provide information or require a response. Post pertinent information on status board.
- j. Verify the County has assigned an ARES unit to the Borough EOC.
_____ (time)

- 5. Have additional emergency personnel report to the EOC (for 24-hour operation), or where needed.
- 6. Ensure that appropriate EOC staff have placed their respective emergency workers on standby status. _____ (time)

7. Verify that the following have been notified:

		Telephone	Time
a. Major Industries			
Mingo Foundry	Merril Adams President	[REDACTED]	_____
Spring City Foundry	Samuel Marcus President	[REDACTED]	_____
La Salle Steel	Richard Treder General Manager	[REDACTED]	_____
Valley Forge Flay Co.	Anna Marie Davis Manager	[REDACTED]	_____

b. Verification Message:

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

- 8. Verify Resource Availability:
Ensure appropriate EOC staff have reviewed their respective resource inventories and have reported deficiencies to their respective counterparts in the County EOC; for example, the Municipal Fire Services Officer contacts the County Fire Services Officer. _____ (time)
- 9. Ensure Fire Services Officer has distributed dosimeters/KI to emergency workers. _____ (time)
- 10. Review road conditions with EOC staff, i.e., there is no construction or other activity which would hinder movement of personnel or vehicles

to/from the area. Ensure that the Ambulance Service Officer and the County are aware of any problem areas. _____ (time)

- 11. Ensure ARES operator contacts the County ARES base upon arrival at the Borough EUC. _____ (time)
- 12. Review remaining emergency procedures in the event of escalation.
- 13. Report all unmet needs to the County Municipal Liaison Officer. _____ (time)
- 14. Maintain Site Emergency status until notified of termination, escalation or reduction of classification:
 - a. Date: _____
 - b. Time: _____
 - c. Source: _____
 - d. Disposition:
 - (1) Termination _____
 - (2) Escalation _____
 - (3) Reduction _____
- 15. If escalation, accomplish appropriate Implementing Procedure. If termination or reduction of classification, notify/verify the following:
 - a. Verification:

		Telephone	Time
(1) Spring City Police Department		██████████	_____
(2) Liberty Fire Company		██████████	_____
(3) Spring City Area Ambulance		██████████	_____
(4) Spring Ford Rescue Squad		██████████	_____
(5) Major Industries			
Mingo Foundry	Merril Adams President	██████████	_____
Spring City Foundry	Samuel Marcus President	██████████	_____
La Salle Steel	Richard Treder General Manager	██████████	_____

Valley Forge Flay Co.

Anna Marie Davis 948-4900
Manager

(6) Verification Message:

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

b. Notification

	Telephone	Time
(1) Elected Officials		
Mayor: C. Neal McClellan	_____ home	_____
Richard Latshaw	_____ home	_____
Harold Snaith	_____ home _____ office	_____
Eugene McVeigh	_____ home _____ office	_____
Earl Fries	_____ home	_____
E. Shaner	_____ home	_____
Paul Kocher	_____ home	_____
H. Blare Hipple	_____ home _____ office	_____
Edwin Roussey	_____ home _____ office	_____

(2) Message:

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

16. Remarks/Actions Taken:

b. Key Staff

Police Service Officer

home
office

Deputy

home
office

Fire Services Officer

home
office

Deputy

home
office

Ambulance Service Officer

home
office

Deputy

home
office

Have key staff report to EOC.

_____ (time)

3. Verify that the following have been notified:

a. Spring City Police Department

Telephone

Time

b. Liberty Fire Company

c. Spring City Area Ambulance

d. Spring Ford Rescue Squad

e. Verification Message:

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

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

a. Activated _____

(time)

b. County Municipal Liaison Officer notified of EOC activation.

_____ (time)

c. Communication system checked for operability.

_____ (time)

d. Establish EOC security.

_____ (time)

- e. Monitor EBS station WCOJ 1420 AM. _____
(time)
 - f. Ensure Route Alert Teams have been mobilized as necessary.

(time)
 - g. Verify the County has assigned an ARES unit to the Borough EUC.

(time)
 - h. Log all incoming messages that provide information or require a response. Post pertinent information on status board.
5. Ensure that all necessary emergency response personnel have reported to the EUC, where needed, or to pre-assigned location. _____
(time)
6. Verify that the following have been notified:

		Telephone	Time
a. Major Industries			
Mingo Foundry	Merril Adams President	██████████	_____
Spring City Foundry	Samuel Marcus President	██████████	_____
La Salle Steel	Richard Treder General Manager	██████████	_____
Valley Forge Flay Co.	Anna Marie Davis Manager	██████████	_____

b. Verification Message:

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

7. Verify Resource Availability:
- Ensure appropriate EOC staff have reviewed their respective resource inventories and have reported deficiencies to their respective counterparts in the County EOC; for example, the Municipal Fire Services Officer contacts County Fire Services Officer. _____
(time)
8. Ensure Fire Services Officer has distributed dosimeters/KI to emergency workers. _____
(time)
9. Review road conditions with EUC staff, i.e., there is no construction or other activity which would hinder movement of personnel or vehicles to/from the area. Ensure that the Medical/Ambulance Service Officer and the County are aware of any problem areas. _____
(time)
10. Ensure ARES operator contacts the County ARES base upon arrival at the

Borough EUC. _____
(time)

11. If sheltering is recommended:

- a. When the public alert system has been activated, notify hearing impaired. _____
(time)
- b. Monitor EBS station WCOJ 1420 AM to ensure proper instructions are being given to the general population. _____
(time)
- c. In the event of a siren failure receive notification from the County that appropriate route alert teams have been dispatched. _____
(time)

12. If evacuation is ordered:

- a. When the public alert system has been activated, notify hearing impaired. _____
(time)
- b. Monitor EBS station WCOJ 1420 AM to ensure proper instructions are being given to the general public. _____
(time)
- c. In the event of a siren failure receive notification from the County that appropriate route alert teams have been dispatched. _____
(time)
- d. Ensure Traffic Control Points are manned. _____
(time)
- e. Assign sufficient emergency workers to Ambulance Service Officer to support transportation resource, i.e. one emergency worker should be available for each vehicle used to evacuate those persons who do not have transportation. _____
(time)
- f. Advise County Municipal Liaison Officer of any additional unmet needs. _____
(time)
 - (1) _____
 - (2) _____
 - (3) _____
- g. Monitor evacuation process and report any problem areas to the County Municipal Liaison Officer.
 - (1) _____
 - (2) _____
 - (3) _____

13. Maintain General Emergency status until:

- a. Reduction of classification. _____
(time)
- b. Termination of emergency. _____
(time)

c. EOC must be evacuated. _____
(time)

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

a. Verification:

		Telephone	Time
(1)	Spring City Police Department	_____	_____
(2)	Liberty Fire Company	_____	_____
(3)	Spring City Area Ambulance	_____	_____
(4)	Spring Ford Rescue Squad	_____	_____
(5)	Major Industries		
	Mingo Foundry	Merril Adams President	_____
	Spring City Foundry	Samuel Marcus President	_____
	La Salle Steel	Richard Treder General Manager	_____
	Valley Forge Flag Co.	Anna Marie Davis Manager	_____

(6) Verification Message:

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

b. Notify:

		Telephone	Time
(1)	Elected Officials		
	Mayor: C. Neal McClellan	_____ home	_____
	Richard Latshaw	_____ home	_____
	Harold Snaith	_____ home _____ office	_____
	Eugene McVeigh	_____ home _____ office	_____
	Earl Fries	_____ home	_____

E. Shaner

[redacted] home _____

Paul Kocher

[redacted] home _____

H. Blare Hipple

[redacted] home _____
office _____

Edwin Roussey

[redacted] home _____
office _____

(2) Message:

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

15. If the EOC must be evacuated:

a. If possible, wait until the municipality has been evacuated before leaving the EOC. _____ (time)

b. Secure the facility and proceed to alternate EOC located at Chester County Library, Ext. No. _____ (time)

c. Notify Chester County Municipal Liaison Officer upon your arrival at alternate EOC located at Chester County Library, Ext. No. _____ (time)

16. Remarks/Actions Taken:

ANNEX B
Implementing Procedure
Police Services*

Police Services Officer: _____ (name)
Alternate: _____ (name)

UNUSUAL EVENT

No response necessary unless police services are required at the Limerick Generating Station.

ALERT

The Police Services Officer shall:

1. Upon request of the Emergency Management Coordinator, report to the EUC.
_____ (time)
2. Review public works equipment/personnel inventory (reference Appendix B-3), verify availability, and report unmet needs to the County Public Works Coordinator. _____ (time)
3. Review remaining emergency procedures in the event of escalation.
4. Maintain Alert status until notified of termination, escalation or reduction of classification.
5. Remarks/Actions Taken:

*Note: This procedure has been modified to include Public Works Procedures.

Police Services

SITE EMERGENCY

The Police Services Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EOC. _____
(time)
 - b. Review public works equipment/personnel inventory (reference Appendix B-3), verify availability, and report unmet needs to the County Public Works Coordinator _____ Place equipment operators on standby status. _____
(time)
 - c. Proceed to Step 2.
2. If escalation from Alert or if proceeding from Step 1, then:
 - a. Mobilize, if necessary, additional police personnel (reference Appendix B-1) and have them report to Police Department Office. _____
(time)
 - b. Monitor weather conditions. _____
(time)
 - c. Review police personnel/equipment inventory (reference Appendix B-1), verify availability, and report unmet needs to County EUC, Police Services. _____
(time)
 - d. Ensure police and public work emergency workers have been issued dosimeters-KI. _____
(time)
 - e. Review remaining emergency procedures in the event of escalation.
 - f. Maintain Site Emergency status until notified of termination, escalation or reduction of classification. (NOTE: If a protective action is recommended at Site Emergency, accomplish the appropriate steps indicated in the General Emergency section).
3. Upon termination of emergency, have emergency workers return dosimeters/unused KI to Borough Fire Services Officer. _____
(time)
4. Remarks/Actions Taken:

Police Services

GENERAL EMERGENCY

The Police Services Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EOC. _____
(time)
 - b. Mobilize additional police personnel and have them report to Police Department Office (reference Appendix B-1). _____
(time)
 - c. Review police and public works personnel/equipment inventory (reference Appendix B-1 and B-3), verify availability, and report unmet needs to County EOC:
 - (1) Police Services Officer, or _____
(time)
 - (2) Public Works Officer _____
(time)
 - d. Ensure police and public work emergency workers have been issued dosimeters-KI. _____
(time)
 - e. Monitor weather conditions. _____
(time)
 - f. Proceed to Step 2.
2. If escalation from Alert or Site Emergency, or if proceeding from Step 1, then:
 - a. Mobilize public works equipment operators and have them report to public works garage. _____
(time)
 - b. If recommended protective action is sheltering,
 - (1) If requested, have Police Department personnel assist Fire Department with route alerting (reference Fire Services Implementing Procedure). _____
(time)
 - (2) Initiate increased security measures, i.e., increase vehicular patrols conditions permitting. _____
(time)
 - c. If recommended protective action is evacuation,
 - (1) Ensure Traffic Control Points are manned (reference Appendix B-2). _____
(time)
 - (2) Be prepared to conduct road clearing operations as necessary.

(time)

(3) After population has evacuated, ensure police relocate to Uwchlan Township Building. _____

(time)

3. Upon termination of emergency, have emergency workers return dosimeters/unused KI to Borough Fire Services Officer. _____

(time)

4. Remarks/Actions Taken:

ANNEX C

Implementing Procedure

Fire and Rescue Services*

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

UNUSUAL EVENT

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

ALERT

The Fire and Rescue Services Officer shall:

1. Upon request of Emergency Management Coordinator, report to the EOC.
_____ (time)
2. Inventory dosimeters/KI and prepare for distribution; complete a Receipt Form for Dosimetry - Survey Meters - KI (reference Appendix C-5). _____ (time)
3. If required, ensure mobilization of sufficient personnel to meet Route Alert Team requirements (reference Appendix C-2). _____ (time)
4. Review remaining emergency procedures in the event of escalation.
5. Maintain Alert status until notified of termination, escalation or reduction of classification.
6. Remarks/Actions Taken:

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

Fire and Rescue Services

SITE EMERGENCY

The Fire and Rescue Services Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EUC. _____
(time)
 - b. If required, ensure mobilization of sufficient personnel to meet Route Alert Team requirements (reference Appendix C-2). _____
(time)
 - c. Inventory dosimeters/KI and prepare for distribution; if applicable, complete a receipt form for Dosimetry-Survey Meters-KI (reference Appendix C-5). _____
(time)
 - d. Proceed to Step 2.
2. If escalation from Alert, or if proceeding from Step 1, then:
 - a. Mobilize additional personnel as necessary and have them report to Fire or Rescue Stations (reference Appendix C-1). _____
(time)
 - b. Distribute dosimeters/KI to municipal emergency workers and EUC Staff (reference Appendix C-4); obtain a signed receipt (reference Appendix C-6). _____
(time)
 - c. Ensure fire and rescue department emergency workers have been issued dosimeters/KI. _____
(time)
 - d. Review fire and rescue personnel/equipment inventory (reference Appendix C-1), verify availability, and report unmet needs to County EUC, Fire and Rescue Services. _____
(time)
 - e. Review remaining emergency procedures in the event of escalation.
 - f. Maintain Site Emergency status until notified of escalation, termination or reduction of classification.
3. If termination, collect dosimeters/KI from emergency workers, inventory, and prepare for return to County EUC. _____
(time)
4. Remarks/Actions Taken:

Fire and Rescue Services

GENERAL EMERGENCY

The Fire and Rescue Services Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EOC.
 - b. Ensure mobilization of sufficient personnel to meet Route Alert Team requirements (reference Appendix C-2). _____
(time)
 - c. Mobilize additional fire and rescue personnel and have them report to Fire or Rescue Stations (reference Appendix C-1). _____
(time)
 - d. Inventory dosimeters/KI and prepare for distribution; if applicable, complete a receipt form for Dosimetry-Survey Meters-KI (reference Appendix C-5). _____
(time)
 - e. Distribute dosimeters/KI to municipal emergency workers and EOC staff (reference Appendix C-4); obtain a signed receipt (reference Appendix C-6). _____
(time)
 - f. Review fire and rescue personnel/equipment inventory (reference Appendix C-1), verify availability, and report unmet needs to County EOC, Fire and Rescue Services. _____
(time)
 - g. Proceed to Step 2.
2. If escalation from Alert or Site Emergency, or if proceeding from Step 1, then:
 - a. Monitor route alerting. _____
(time)
 - b. If evacuation is ordered, after population has relocated, ensure that Fire and Rescue Departments relocate to Lionville Fire Department. _____
(time)
 - c. Relocate to alternate EOC.
3. Upon termination of emergency, collect dosimeters/KI from emergency workers, inventory, and prepare for return to County EOC. _____
(time)
4. Remarks/Actions Taken:

ROUTE ALERTING PROCEDURES

I. GENERAL

- A. The Borough of Spring City is divided into 3 Sectors.
- B. Each Sector is assigned a Route Alert Team (reference Attachment 1).
- C. Two (2) persons should be named to each team.

II. PURPOSE

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

III. PROCEDURES

- A. When dispatched by Chester County, commence route alerting in designated sectors (reference Attachment 2).
- B. Route Alerting is accomplished by driving slowly along designated roads, periodically activating the vehicle siren and making the following announcement on the PA system:

"There is an emergency at the Limerick Generating Station; please tune to your EBS station WCOJ 1420 AM."
- C. Upon completion of route, notify Chester County and return to station.

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

ROUTE ALERT TEAMS AND MAPS

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

Leader: * _____

Assistant: * _____

Transient Location: None

Hearing Impaired: List are on file in the EUC.

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

Leader: * _____

Assistant: * _____

Transient Location: None

Hearing Impaired List are on file in the EUC.

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

Leader: * _____

Assistant: * _____

Transient Location: None

Hearing Impaired List are on file in the EUC.

*Route Alert Teams will be determined at the time of an incident based upon available manpower. Names are on file in Municipal EUC.

ROUTE ALERTING SECTOR MAP

Map will be inserted in final draft.

MESSAGE - HEARING IMPAIRED

There is an emergency at the Limerick Generating Station.

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

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

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

ANNEX D

Implementing Procedure

Ambulance Services*

Ambulance Services Officer: _____ (name)
Alternate: _____ (name)

UNUSUAL EVENT

No response required unless ambulance services are required at the Limerick Generating Station.

ALERT

The Ambulance Services Officer shall:

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

*Note: This procedure has been modified to include Transportation Procedures.

Ambulance Services

SITE EMERGENCY

The Ambulance Services Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EOC. _____
(time)
 - b. Update the list of those individuals requiring special assistance in the event of evacuation (reference Appendix D-2). _____
(time)
 - (1) Notify County Medical Coordinator of changes in the list of those individuals requiring ambulance support. _____
(time)
 - (2) Notify County Transportation Officer of changes in the list of those individuals requiring special transportation support other than ambulance. _____
(time)
 - c. Update the list of those individuals who do not normally have transportation available 24-hours a day (reference Appendix D-5). _____
(time)
 - d. Review transportation resource requirements (reference Appendix D-3). _____
(time)
 - e. Notify the County Transportation Coordinator of any changes in requirements. _____
(time)
 - f. Proceed to Step 2.
2. If escalation from Alert or if proceeding from Step 1, then:
 - a. Mobilize, if necessary, additional ambulance personnel and have them report to Ambulance Stations (reference Appendix D-1). _____
(time)
 - b. Review personnel/equipment inventory (reference Appendix D-1), verify availability, and report unmet needs to County Medical Coordinator. _____
(time)
 - c. Ensure ambulance emergency workers have been issued dosimeters/KI. _____
(time)
 - d. Review remaining emergency procedures in the event of escalation.
 - e. Maintain Site Emergency status until notified of termination, escalation, reduction of classification.
3. If termination of emergency, have emergency workers return dosimeters/unused KI to Borough Fire Services Officer. _____
(time)
4. Remarks/Actions Taken:

Ambulance Services

GENERAL EMERGENCY

The Ambulance Services Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EOC.
 - b. Update the list of those individuals requiring special assistance in the event of evacuation (reference Appendix D-2). _____ (time)
 - (1) Notify County Medical Coordinator of changes in the list of those individuals requiring ambulance support. _____ (time)
 - (2) Notify County Transportation Officer of changes in the list of those individuals requiring special transportation support other than ambulance. _____ (time)
 - c. Update the list of those individuals who do not normally have transportation available 24-hours a day (reference Appendix D-5). Report changes to the County Transportation Officer. _____ (time)
 - d. Mobilize additional ambulance personnel and have them report to Ambulance Station (reference Appendix D-1). _____ (time)
 - e. Review ambulance personnel/equipment inventory (reference Appendix D-1), verify availability, and report unmet needs to County Medical Coordinator. _____ (time)
 - f. Review transportation resource requirements (reference Appendix D-4). Report changes to the County Transportation Officer. _____ (time)
 - g. Ensure ambulance emergency workers have been issued dosimeters-KI. _____ (time)
 - h. Proceed to Step 2.
2. If escalation from Alert or Site Emergency, or if proceeding from Step 1, then:
 - a. If recommended protective action is evacuation, then:
 - (1) Ensure that population requiring ambulance transportation is served. _____ (time)
 - (2) Add to Appendix D-5 the names and addresses of those individuals who call in requesting transportation assistance. (Note: Multiple copies of this list may be necessary). _____ (time)

- (3) As transportation resource requirements, including those for special needs (vans, etc.), except availability (reference Appendix D-4), notify the County Transportation Coordinator of additional requirements. _____
(time)
- (4) Inform the EMC of the number of vehicles that have been requested thru the County and request that an emergency worker be made available for assisting each vehicle. _____
(time)
- (5) Prepare a list of names and addresses of persons to be picked-up for each vehicle including ambulances. _____
(time)
- (6) Upon the arrival of vehicles at the municipal transportation staying area, located at the swimming pool parking lot ensure that an emergency worker is assigned to each vehicle. A list of names and addresses of persons to be picked-up should be provided for each vehicle along with instructions to return the Borough staying area where they will receive directions to the designated Reception Center and assigned Mass Care Center. Persons being evacuated by ambulance shall be evacuated to the Pocopson Home, West Chester. Emergency workers need not accompany vehicles to reception facilities. _____
(time)
- (7) After population has evacuated, ensure ambulance service relocates to Lionville Fire Department. _____
(time)
- (8) Upon termination of emergency, have emergency workers return dosimeters/unused KI to Borough Fire Services Officer.

(time)

3. Remarks/Actions Taken:

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1. Municipal Emergency Workers

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

- * one (1) CD V 730 or DCA-622 self-reading dosimeter having a scale of 0 to 20R.
- * one (1) CD V 742 self-reading dosimeter having a scale of 0 to 20UR.
- * one (1) thermoluminescent dosimeter (TLD) which is a machine-read crystalline dosimeter mounted in a card.
- * one (1) Dosimetry-KI Report Form (reference Attachment K).
- * one (1) bottle containing a fourteen day supply of potassium iodide (KI) tablets.

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

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

- (1) Upon notification of an Alert (or any higher classification of emergency should it be initial notification), the equipment will be prepared for distribution to municipal emergency workers. (Reference Attachment L).
- (2) Upon notification of a Site Emergency, dosimeters and KI will be distributed to municipal emergency response organizations identified in Attachment M. A signed receipt shall be obtained from each organization (reference Attachment L). Emergency organizations will maintain proper control by having each worker sign for the property (reference Attachment N).
- (3) Emergency workers will take KI only upon the direction of the Secretary of the Pennsylvania Department of Health, notification of which will be received through emergency management channels.

are to report to Lionville Fire Company. Specifics relevant to monitoring and decontamination are contained in Annex M of the County RERP.

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

2. Public

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

G. Continuity of Government

1. Government

In the event of a general evacuation, the Board of Supervisors shall continue to transact required business at the Uwchlan Township Building.

2. Municipal Services

- a. All services are located outside the 10 mile EPZ.
- b. All services will remain available to respond to emergencies within the EPZ, radiation levels permitting. Dispatch will be accomplished through the County EOC.

3. EOC

The EOC shall not be relocated.

H. Training

1. The Chester County DES is responsible for coordinating radiological emergency response training as outlined in Annex R of the County RERP.
2. The Uwchlan Township Emergency Management Coordinator shall ensure that local emergency response personnel are familiar with their responsibilities.

I. Concept of Operations

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

1. Unusual Event

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

2. Alert

- a. The Uwchlan Township Emergency Management Coordinator (EMC) will receive notification from Chester County DES. The EMC in turn, notifies municipal officials and key staff personnel.
- b. The EMC and key staff will report to the Municipal EOC. Security measures will be implemented to restrict admittance.
- c. Communications systems will be tested. The County will be notified when ARES communications are established.
- d. Dosimeters will be prepared for later distribution.
- e. Non-ambulatory residents shall be contacted to verify special requirements.
- f. The EMC shall notify certain public and private institutions/facilities located within the municipality of the emergency. In some instances, this will be a verification of a notification previously received through a county-initiated procedure. A listing of these facilities is maintained in the Municipal EOC.
- g. Route alert teams will be placed on standby.
- h. If the public alert system is activated, begin route alerting as necessary.
- i. TCP and ACP personnel will be notified.
- j. The local EBS station WCOJ 1420 AM will be monitored.
- k. Review municipal and County Radiological Emergency Response Plans.
- l. Ensure all messages which provide information or require a response are logged.
- m. Additional unmet needs will be passed to the County.
- n. In the event of reduction of classification or termination of incident, all parties previously notified will be informed.

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

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

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

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

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

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

d. Dosimetry Reading Procedures and Related Actions

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

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

- d. Dosimeters and KI will be prepared for later distribution.
 - e. Non-ambulatory residents shall be contacted to verify special requirements.
 - f. The EMC shall notify certain public and private institutions/facilities located within the municipality of the emergency. In some instances, this will be a verification of a notification previously received through a county-initiated procedure. A listing of these facilities is maintained in the municipal EOC.
 - g. Route alert teams will be placed on standby.
 - h. If the public alert system is activated, begin route alerting as necessary.
 - i. TCP personnel will be notified.
 - j. The local EBS station WCOJ 1420 AM will be monitored.
 - k. Review municipal and County Radiological Emergency Response Plans.
 - l. Ensure all messages which provide information or require a response are logged.
 - m. Additional unmet needs will be passed to the County.
 - n. In the event of reduction of classification or termination of incident, all parties previously notified will be informed.
3. Site Emergency
- a. Same actions as Alert.
 - b. Additional emergency response personnel will be mobilized, including full EOC staff.
 - c. Dosimeters and KI will be distributed to emergency workers and organizations.
 - d. Resource inventories (reference Attachment O and Attachment P) will be reviewed to verify that those resources indicated as being available are, in fact, available.
 - e. Road conditions will be reviewed, reporting any detours or construction areas to the County Public Works Officer.
 - f. TCP personnel will be placed on standby. Warwick Township TCP'S and ACP'S will be manned if local conditions dictate.

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2. Alert

- a. The West Vincent Township Emergency Management Coordinator (EMC) will receive notification from Chester County DES. The EMC in turn, notifies municipal officials and key staff personnel.
- b. The EMC and key staff will report to the Municipal EOC. Security measures will be implemented to restrict admittance.
- c. Communications systems will be tested. The County will be notified when ARES communications are established.
- d. Dosimeters will be prepared for later distribution.
- e. Non-ambulatory residents shall be contacted to verify special requirements.
- f. The EMC shall notify certain public and private institutions/facilities located within the municipality of the emergency. In some instances, this will be a verification of a notification previously received through a county-initiated procedure. A listing of these facilities is maintained in the municipal EOC.
- g. Route alert teams will be placed on standby.
- h. If the public alert system is activated, begin route alerting as necessary.
- i. TCP personnel will be notified.
- j. The local EBS station, WCOJ 1420 AM will be monitored.
- k. Review municipal and County Radiological Emergency Response Plans.
- l. Ensure all messages which provide information or require a response are logged.
- m. Additional unmet needs will be passed to the County.
- n. In the event of reduction of classification or termination of incident, all parties previously notified will be informed.

3. Site Emergency

- a. Same actions as Alert.
- b. Additional emergency response personnel will be mobilized, including full EOC staff.

County.

2. Public

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

G. Continuity of Government

1. Government

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

2. Municipal Services

- a. The Police Department will relocate to Uwchlan Township Building.
- b. The Fire Department will relocate to Lionville Fire Co.
- c. All services will remain available to respond to emergencies within the EPZ, radiation levels permitting. Dispatch will be accomplished through the County EOC.

3. EOC

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

H. Training

1. The Chester County DES is responsible for coordinating radiological emergency response training as outlined in Annex R of the County RERP.
2. The West Vincent Township Emergency Management Coordinator shall ensure that local emergency response personnel are familiar with their responsibilities.

I. Concept of Operations

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

1. Unusual Event

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

TLD was received by each individual if more than one person was involved.

- (2) Each emergency worker is responsible for completing the Dosimetry/KI Report Form (reference Attachment K) and for reading the self-reading dosimeters at least once every thirty minutes. The protective action guide for whole body exposure used by BRP is 25 rem. Therefore an emergency worker should seek to be relieved or complete the assigned task and then evacuate to an emergency worker decontamination station before receiving 25 R.
- (3) Life Saving Missions - If a life saving mission should become necessary, the West Vincent Township elected official in charge may, under conditions shown below, authorize volunteer emergency workers to exceed the established 25 rem whole body limit. In no instance, however, should the emergency worker be authorized to exceed an absolute upper limit of 75 rems. This authorization may be given in advance to avoid the possibility of delay in performing life saving missions. When authorizing volunteer emergency workers to exceed the 25 rem limit, the elected officials should ensure that the following conditions are met:
 - (a) It is a life saving situation and alternative courses of action cannot be taken to accomplish the mission.
 - (b) The emergency workers are healthy adult male volunteers, preferably over 45 years of age.
 - (c) The emergency workers selected are persons whose normal duties might involve such missions, e.g., policemen and firemen with suitable protective clothing and respiratory equipment.
 - (d) The mission will be accomplished in the least amount of "stay time."
 - (e) The emergency workers are knowledgeable of and accept the increased risk in exceeding the 25 rem limit.
- e. Upon completion of emergency tasks during a contaminating incident, each emergency worker is to report to a decontamination station. Emergency workers in West Vincent Township are to report to Lionville Fire Company, Villaye Avenue, Lionville, PA. Specifics relevant to monitoring and decontamination are contained in Annex M of the County RERP.
- f. When the emergency is terminated, all dosimeters-KI should be returned to the Municipal EUC for forwarding to the

issued dosimeters and potassium iodide (KI), a radioprotective drug. A unit of dosimetry-KI contains the following:

- * one (1) CD V 730 or DCA-622 self-reading dosimeter having a scale of 0 to 20R.
- * one (1) CD V 742 self-reading dosimeter having a scale of 0 to 200R.
- * one (1) thermoluminescent dosimeter (TLD) which is a machine-read crystalline dosimeter mounted in a card.
- * one (1) Dosimetry-KI Report Form (Attachment K).
- * one (1) bottle containing a fourteen day supply of potassium iodide (KI) tablets.

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

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

- (1) Upon notification of an Alert (or any higher classification of emergency should it be initial notification), the equipment will be prepared for distribution to municipal emergency workers. (Reference Attachment L).
- (2) Upon notification of a Site Emergency, dosimeters and KI will be distributed to municipal emergency response organizations identified in Attachment M. A signed receipt shall be obtained from each organization (reference Attachment L). Emergency organizations will maintain property control by having each worker sign for the property (reference Attachment N).
- (3) Emergency workers will take KI only upon the direction of the Secretary of the Pennsylvania Department of Health, notification of which will be received through emergency management channels.

d. Dosimetry Reading Procedures and Related Actions

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

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3. Verify that the following have been notified:

- | | Telephone | Time |
|-----------------------------------|-----------|-------|
| a. East Whiteland Fire Department | _____ | _____ |
| b. Verification Message: | | |

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

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

- a. Activated _____
(time)
- b. County Municipal Liaison Officer notified of EOC activation. (431-6160) _____
(time)
- c. Check communication systems for operability. _____
(time)
- d. Establish EOC security. _____
(time)
- e. Monitor EBS station WCOJ 1420 AM. _____
(time)
- f. Ensure Route Alert Teams have been mobilized as necessary.

(time)
- g. If public alert system has been activated, notify hearing impaired. _____
(time)
- h. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched.

(time)
- i. Log all incoming messages that provide information or require action. Post pertinent data on the status board. _____
(time)
- j. Verify the County has assigned an ARES unit to the EOC. _____
(time)

5. Verify that the following have been notified:

- | | Telephone | Time |
|---|-----------|------|
| a. Schools | | |
| Charlestown School Mrs. Phyllis Steingard _____ office _____
Principal | | |

b. Verification Message:

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

6. Notify the following:

		Telephone	Time
a. Special Facilities			
Charlestown Playhouse, Inc. Preschool	Elizabeth Stanorov Administrator	[REDACTED]	office _____
Mary Hill Rest Home	Nancy Wheeler	[REDACTED]	office _____

b. Message:

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

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

7. Ensure ARES operator contacts the County ARES base upon arrival at Municipal EOC. _____
(time)
8. Review remaining emergency procedures in the event of escalation.
9. Report all unmet needs to the County Municipal Liaison Officer (431-6160).
10. Maintain Alert status until notified of termination, escalation or reduction of classification:
 - a. Date: _____
 - b. Time: _____
 - c. Source: _____
 - d. Disposition
 - (1) Termination _____
 - (2) Escalation _____
 - (3) Reduction _____
11. If escalation, accomplish appropriate Implementing Procedure. If termination or reduction of classification, verify/notify the following:

a. Verification

	Telephone	Time
(1) East Whiteland Fire Department	_____	_____
(2) Schools		
Charlestown School		
Mrs. Phyllis Steinyard Principal	[REDACTED]	office _____

(3) Verification Message:

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

b. Notification:

	Telephone	Time
(1) Elected Officials		
(a) John Garvin	_____ home _____ office	_____
(b) John C. Martin, Jr.	_____ home _____ office	_____
(c) William W. Buckwalter	_____ home _____ office	_____
(2) Special Facilities		
Charlestown Playhouse, Inc. Preschool Elizabeth Stanorov Administrator	_____ office	_____
Mary Hill Rest Home Nancy Wheeler	_____ office	_____
(3) Message:		
"This is _____ (name/title) _____. The emergency at the Limerick Generating Station has been terminated or reduced to Unusual Event."		

12. Remarks/Actions Taken:

Deputy _____ (name) _____ home office _____
_____ office _____

Have key staff report to EOC. _____
(time)

3. Verify that the following have been notified:

- | | Telephone | Time |
|-----------------------------------|-----------|-------|
| a. East Whiteland Fire Department | _____ | _____ |
| b. Verification Message: | | |

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

4. Report to and activate the local Emergency Operations Center

- a. Activated _____
(time)
- b. County Municipal Liaison Officer notified of EOC activation (431-6160). _____
(time)
- c. Communications system checked for operability. _____
(time)
- d. Establish EOC security. _____
(time)
- e. Monitor EBS station WCOJ 1420 AM. _____
(time)
- f. Ensure Route Alert Teams have been mobilized as necessary.

(time)
- g. If the public alert system has been activated, notify hearing impaired. _____
(time)
- h. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched.

(time)
- i. Log all messages that provide information or require action. Post pertinent data on status board. _____
(time)
- j. Verify the County has assigned an ARES unit to the EOC. _____
(time)

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

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

7. Verify that the following have been notified:

- | | Telephone | Time |
|------------|-----------|------|
| a. Schools | | |

Charlestown School Mrs. Phyllis Steingard [redacted] office _____
Principal

b. Verification Message:

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

8. Notify the following:

	Telephone	Time
a. Special Facilities		
Charlestown Playhouse, Elizabeth Stanorov [redacted] office _____ Inc. Preschool Administrator		
Mary Hill Rest Home Nancy Wheeler [redacted] office _____		

b. Message:

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

9. Verify Resource Availability:

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

- 10. Ensure Fire Services Officer has distributed dosimeters/KI to emergency workers. _____
(time)
- 11. Review road conditions with EOC staff, i.e., there is no construction or other activity which would hinder movement of personnel or vehicles to/from the area. Ensure that the Transportation Officer and the County Public Works Officer are aware of any problem areas. _____
(time)
- 12. Ensure ARES operator contacts the County ARES base upon arrival at Municipal EOC. _____
(time)
- 13. If a protective action is recommended, ensure access control points are manned. _____
(time)
- 14. Report all unmet needs to the County Municipal Liaison Officer (431-6160).
- 15. Review remaining emergency procedures in the event of escalation.
- 16. Maintain Site Emergency status until notified of termination, escalation, or reduction of classification:
 - a. Date: _____
 - b. Time: _____

Deputy _____ (name) _____ home office _____
_____ office _____

Have key staff report to EOC. _____
(time)

3. Verify that the following have been notified:

- | | Telephone | Time |
|-----------------------------------|-----------|-------|
| a. East Whiteland Fire Department | _____ | _____ |
| b. Verification Message: | | |

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

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

- a. Activated _____
(time)
 - b. County Municipal Liaison Officer notified of EOC activation (431-6160). _____
(time)
 - c. Communications system checked for operability. _____
(time)
 - d. Establish EOC security. _____
(time)
 - e. Monitor EBS station WCOJ 1420 AM. _____
(time)
 - f. Ensure Route Alert Teams have been mobilized. _____
(time)
 - g. Log all messages which provide information or require action. Post pertinent data on status board. _____
(time)
 - h. Verify the County has assigned an ARES unit to the EOC. _____
(time)
- b. Ensure that all necessary emergency response personnel have reported to the EOC, where needed, or to pre-assigned location. _____
(time)
6. Verify that the following have been notified:

- | | Telephone | Time |
|--|-----------|-------|
| a. Schools | | |
| Charlestown School Mrs. Phyllis Steingard _____
Principal _____ | _____ | _____ |

b. Verification Message:

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

7. Notify the following:

	Telephone	Time
a. Special Facilities		
Charlestown Playhouse, Inc. Preschool	Elizabeth Stanorov Administrator	██████████ office _____
Mary Hill Rest Home	Nancy Wheeler	██████████ office _____

b. Message:

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

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

8. Verify Resource Availability:

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

(time)

9. Ensure Fire Services Officer has distributed dosimeters/KI to emergency workers and EOC staff. _____
10. Review road conditions with EUC staff, i.e., there is no construction or other activity which would hinder movement of personnel or vehicles to/from the area. Ensure that the Transportation Officer and the County Public Works Officer are aware of any problem areas. _____
11. Ensure the ARES operator contacts the County ARES base upon arrival at Municipal EOC. _____
12. Report unmet needs to the County Municipal Liaison Officer (431-6160).
13. If sheltering is recommended:
 - a. When the public alert system has been activated, notify hearing impaired. _____
 - b. Monitor EBS station to ensure proper instructions are being given to the general population. _____
 - c. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched. _____
 - d. Ensure increased security measures have been taken. _____
 - e. Ensure Access Control Points are manned.

14. If evacuation is ordered:

- a. When the public alert system has been activated, notify hearing impaired. _____
(time)
- b. Monitor EBS station to ensure proper instructions are being given to the general public. _____
(time)
- c. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched. _____
(time)
- d. Ensure Access Control Points have been manned (reference Appendix A-1). _____
(time)
- e. Ensure Traffic Control Points have been manned (reference Appendix A-1). _____
(time)
- f. Assign sufficient emergency workers to Transportation Officer to support transportation resources, i.e., one emergency worker should be available for each vehicle used to evacuate those persons who do not have transportation. _____
(time)
- g. Be prepared to conduct road clearing operations, as necessary. _____
(time)
- h. Advise County Municipal Liaison Officer of any additional unmet needs (431-6160). _____
(time)
 - (1) _____
 - (2) _____
 - (3) _____
- i. Monitor evacuation process and report any problem areas to the County Municipal Liaison Officer (431-6160). _____
(time)
 - (1) _____
 - (2) _____
 - (3) _____

15. Maintain General Emergency status until:

- a. Reduction of classification. _____
(time)
- b. Termination of emergency. _____
(time)
- c. EOC must be evacuated. _____
(time)

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

TRAFFIC CONTROL POINTS

<u>Post Number</u>	<u>Location</u>	<u>Responsible Police Organization</u>	<u># Officers Assigned</u>
44	Route 29 & Charlestown Road	State Police	2
Charlestown-1	Route 401 & Valley Hill Road	Township	1
45	Route 29 & South Whitehorse Road	State Police	2

ACCESS CONTROL POINTS

<u>Post Number</u>	<u>Location</u>	<u>Responsible Police Organization</u>	<u># Officers Assigned</u>
200	Rees Road & Howell Road	State Police	1
201	Route 29 & Whitehorse Road	State Police	1
202	Route 29 & Charlestown Road	State Police	1
203	Sidley Hill Rd. & Yellow Springs Rd.	State Police	1
204	Bodine Road & Valley Hill Road	State Police	1

ANNEX B
Implementing Procedure
Fire Services*

Fire Services Officer: (name)
Alternate: (name)

UNUSUAL EVENT

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

ALERT

The Fire Services Officer shall:

1. Upon request of Emergency Management Coordinator, report to the EOC.
 (time)
2. Ensure that normal fire protection services are maintained.
3. If required, ensure mobilization of sufficient personnel to meet Route Alert Team requirements and make assignments to vehicles (reference Appendix B-2). (time)
4. Inventory dosimeters/KI and prepare for distribution; complete a Receipt Form for Dosimetry-Survey Meters-KI (reference Appendix B-4). (time)
5. Review remaining emergency procedures in the event of escalation.
6. Maintain Alert status until notified of termination, escalation or reduction of classification.
7. Remarks/Actions Taken:

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

Fire Services

SITE EMERGENCY

The Fire Services Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EOC. _____
(time)
 - b. Ensure normal fire protection services are maintained.
 - c. If required, ensure mobilization of sufficient personnel to meet Route Alert Team requirements and make assignments to vehicles (reference Appendix C-2). _____
(time)
 - d. Inventory dosimeters/KI and prepare for distribution; complete a Receipt Form for Dosimetry-Survey Meters-KI (reference Appendix B-4). _____
(time)
 - e. Proceed to Step 2.
2. If escalation from Alert, or if proceeding from Step 1, then:
 - a. Mobilize additional personnel as necessary and have them report to fire station (reference Appendix B-1). _____
(time)
 - b. Distribute dosimeters/KI to municipal emergency workers (reference Appendix B-3); obtain a signed receipt (reference Appendix B-5). _____
(time)
 - c. Ensure Fire Department Emergency workers have been issued dosimeters/KI. _____
(time)
 - d. Review personnel/equipment inventory (reference Appendix B-1), verify availability, and report unmet needs to County EOC, Fire Services at 431-6160. _____
(time)
 - e. Review remaining emergency procedures in the event of escalation. _____
(time)
 - f. Maintain Site Emergency status until notified of escalation, termination or reduction of classification.
3. If termination, collect dosimeters and unused KI from emergency workers and prepare for return to County. _____
(time)
4. Remarks/Actions Taken:

Fire Services

GENERAL EMERGENCY

The Fire Services Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EOC. _____
(time)
 - b. Ensure mobilization of sufficient personnel to meet Route Alert Team requirements and make assignments to vehicles (reference Appendix B-2). _____
(time)
 - c. Inventory dosimeters/KI and prepare for distribution; complete a Receipt Form for Dosimetry-Survey Meters-KI (reference Appendix B-4).
 - d. Distribute dosimeters/KI to municipal emergency workers (reference Appendix B-3); obtain a signed receipt (reference Appendix B-5). _____
(time)
 - e. Mobilize additional fire personnel and have them report to fire station (reference Appendix B-1). _____
(time)
 - f. Ensure Fire Department emergency workers have been issued dosimeters/KI. _____
(time)
 - g. Review personnel/equipment inventory (reference Appendix B-1), verify availability, and report unmet needs to County EOC, Fire Services at 431-6160. _____
(time)
 - h. Proceed to Step 2.
2. If escalation from Alert or Site Emergency, or if proceeding from Step 1, then:
 - a. Monitor route alerting, if required, and support as necessary. _____
(time)
 - b. Inform County EOC upon completion of all route alerting in municipality. _____
(time)
 - c. Relocate to alternate EOC.
3. If termination, collect dosimeters and unused KI from emergency workers and prepare for return to County. _____
(time)
4. Remarks/Actions Taken:

EAST COVENTRY TOWNSHIP
CHESTER COUNTY
RADIOLOGICAL EMERGENCY RESPONSE PLAN
FOR INCIDENTS AT THE
LIMERICK GENERATING STATION
IMPLEMENTING PROCEDURES

APRIL 1984

Copy Number _____

Draft 5
Rev 7/13/84

Implementing Procedure
Emergency Management Coordinator

ALERT

1. Document:

a. Date: _____

b. Time: _____

c. Source: _____

d. Details: _____

2. Notify:

	Telephone	Time
a. Elected Officials		
(1) Ronald F. Elliott	<u> </u> home <u> </u> office	_____
(2) Robert J. Megay	<u> </u> home <u> </u> office	_____
(3) Douglas E. Kulp	<u> </u> home	_____
b. Key Staff		
(1) Fire Services Officer Linwood Kolb or Deputy Roland Kolb	<u> </u> home <u> </u> office <u> </u> home <u> </u> office	_____
(2) Transportation Officer (Name) _____	_____ home _____ office	_____
or Deputy (Name) _____	_____ home _____ office	_____

Have key staff report to EOC. _____
(time)

3. Verify that the following have been notified:

Telephone Time

- a. Police Department [redacted] _____
- b. Fire Department [redacted] _____
- c. Verification Message:

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

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

- a. Activated _____
(time)
- b. County Municipal Liaison Officer notified of EOC activation. (431-6160) _____
(time)
- c. Check communication systems for operability. _____
(time)
- d. Establish EOC security. _____
(time)
- e. Monitor EBS station WCOJ 1420 AM. _____
(time)
- f. Ensure Route Alert Teams have been mobilized as necessary.
_____ (time)
- g. If public alert system has been activated, notify hearing impaired. _____
(time)
- h. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched.
- i. Log all incoming messages that provide information or require action. Post all pertinent data on the status board. _____
(time)

5. Verify that the following have been notified:

Telephone Time

- a. Schools
 - (1) East Coventry Elementary Sch. Kenneth Smart [redacted] office _____
- b. Nursing Home
 - (1) Manatawny Manor [redacted] _____
- c. Verification Message:

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

- 6. Ensure ARES operator contacts the County ARES base upon arrival at Municipal EUC. _____ (time)
- 7. Review remaining emergency procedures in the event of escalation.
- 8. Report all unmet needs to the County Municipal Liaison Officer (431-6160). _____ (time)
- 9. Maintain Alert status until notified of termination, escalation or reduction of classification:
 - a. Date: _____
 - b. Time: _____
 - c. Source: _____
 - d. Disposition
 - (1) Termination _____
 - (2) Escalation _____
 - (3) Reduction _____
- 10. If escalation, accomplish appropriate Implementing Procedure. If termination, verify/notify the following:

a. Verification:

	Telephone	Time
(1) Police Department	[REDACTED]	_____
(2) Fire Department	[REDACTED]	_____
(3) Schools		
(a) East Coventry Elementary School Kenneth Smart	[REDACTED] home	_____
(4) Nursing Home		
(a) Manatawny Manor	[REDACTED]	_____

(5) Verification Message:


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

b. Notification:

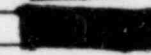
Telephone	Time
-----------	------

(1) Elected Officials


(a) Ronald F. Elliott

 home office _____

(b) Robert J. Megay

 home office _____

(c) Douglas E. Kulp

 home _____

(2) Message:

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

11. Remarks/Actions Taken:

Implementing Procedure
Emergency Management Coordinator

SITE EMERGENCY

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

1. Document:





a. Date: _____

b. Time: _____

c. Source: _____

d. Details: _____

2. Notify:

	Telephone	Time
a. Elected Officials		
(1) Ronald F. Elliott	 home _____ office	_____ _____
(2) Robert J. Megay	 home _____ office	_____ _____
(3) Douglas E. Kulp	 home	_____
b. Key Staff		
(1) Fire Services Officer Linwood Kolb or Deputy Roland Kolb	 home _____ office _____ home _____ office	_____ _____ _____ _____
(2) Transportation Officer (Name) _____	_____ home _____ office	_____ _____
or Deputy (Name) _____	_____ home _____ office	_____ _____

Have key staff report to EUC. _____
(time)

3. Verify that the following have been notified:

Telephone Time

a. Police Department

b. Fire Department

c. Verification Message:

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

4. Report to and activate the local Emergency Operations Center

a. Activated _____
(time)

b. County Municipal Liaison Officer notified of EOC activation (431-6160). _____
(time)

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

d. Establish EOC security. _____
(time)

e. Monitor EBS station WCUJ 1420 AM. _____
(time)

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

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

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

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

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

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

7. Verify that the following have been notified:

Telephone Time

a. Schools

(1) East Coventry
Elementary Sch.

Kenneth Smart

_____ home _____

- b. Nursing Home
 - (1) Manatawny Manor _____
- c. Verification Message:

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

8. Verify Resource Availability:

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

- 9. Ensure Fire Services Officer has distributed dosimeters/KI to emergency workers. _____ (time)
- 10. Review road conditions with EOC staff, i.e., there is no construction or other activity which would hinder movement of personnel or vehicles to/from the area. Ensure that the Transportation Officer and the County are aware of any problem areas. _____ (time)
- 11. Ensure ARES operator contacts the County ARES base upon arrival at the Municipal EOC. _____ (time)
- 12. Review remaining emergency procedures in the event of escalation.
- 13. Maintain Site Emergency status until notified of termination, escalation, or reduction of classification:

- a. Date: _____
- b. Time: _____
- c. Source: _____
- d. Disposition:
 - (1) Termination _____
 - (2) Escalation _____
 - (3) Reduction _____

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

a. Verification:

	Telephone	Time
(1) Police Department	_____	_____

- (2) Fire Department [REDACTED] _____
- (3) Schools
 - (a) East Coventry Elementary School
Kenneth Smart [REDACTED] home _____
- (4) Nursing Home
 - (a) Manatawny Manor [REDACTED] _____
- (5) Verification Message:

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

b. Notification

- | | Telephone | Time |
|--|--------------------------------------|----------------|
| (1) Elected Officials | | |
| (a) Ronald F. Elliott | [REDACTED] home
[REDACTED] office | _____
_____ |
| (b) Robert J. Meyay | [REDACTED] home
[REDACTED] office | _____
_____ |
| (c) Douglas E. Kulp | [REDACTED] home | _____ |
| (2) Message: | | |
| "This is _____ (name/title) _____. The emergency at the Limerick Generating Station has been terminated/reduced to _____." | | |

15. Remarks/Actions Taken:

3. Verify that the following have been notified:

- | | Telephone | Time |
|---|------------|-------|
| a. Police Department | [REDACTED] | _____ |
| b. Fire Department | [REDACTED] | _____ |
| c. Verification Message: | | |
| "This is _____ (name/title) _____. I would like to verify that you have been notified that a 'General Emergency' has been declared at the Limerick Generating Station. The recommended protective action is _____." | | |

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

- a. Activated _____
(time)
 - b. County Municipal Liaison Officer notified of EOC activation (431-6160). _____
(time)
 - c. Communications system checked for operability. _____
(time)
 - d. Establish EOC security. _____
(time)
 - e. Monitor EBS station WCOJ 1420 AM. _____
(time)
 - f. Ensure Route Alert Teams have been mobilized. _____
(time)
 - g. Log all messages which provide information or require action. Post pertinent data on status board. _____
(time)
5. Ensure that all necessary emergency response personnel have reported to the EOC, where needed, or to pre-assigned location. _____
(time)
6. Verify that the following have been notified:

- | | Telephone | Time |
|---|-------------------------------|-------|
| a. Schools | | |
| (1) East Coventry
Elementary Sch. | Kenneth Smart [REDACTED] home | _____ |
| b. Nursing Home | | |
| (1) Manatawny Manor | [REDACTED] | _____ |
| c. Verification Message: | | |
| "This is _____ (name/title) _____. I would like to verify that you have been notified that a 'General Emergency' has been declared at the | | |

Limerick Generating Station. The recommended protective action is

7. Verify Resource Availability:
Ensure appropriate EOC staff have reviewed their respective resource inventories and have reported deficiencies to their respective counterparts in the County EOC; for example, the Municipal Transportation Officer contacts County Transportation Officer. _____
(time)
8. Ensure Fire Services Officer has distributed dosimeters/KI to emergency workers and EOC staff. _____
(time)
9. Review road conditions with EOC staff, i.e., there is no construction or other activity which would hinder movement of personnel or vehicles to/from the area. Ensure that the Transportation Officer and the County Public Works Officer are aware of any problem areas. _____
(time)
10. Ensure ARES operator contacts the County ARES base upon arrival at Municipal EOC. _____
(time)
11. If sheltering is recommended:
 - a. When the public alert system has been activated, notify hearing impaired. _____
(time)
 - b. Monitor EBS station to ensure proper instructions are being given to the general population. _____
(time)
 - c. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched. _____
(time)
 - d. Ensure increased security measure have been implemented, i.e., increased security patrols by Township police, PSP, etc.
12. If evacuation is ordered:
 - a. When the public alert system has been activated, notify hearing impaired. _____
(time)
 - b. Monitor EBS station to ensure proper instructions are being given to the general public. _____
(time)
 - c. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched. _____
(time)
 - d. Ensure Traffic Control Points have been manned (reference Appendix A-1). _____
(time)
 - e. Assign sufficient emergency workers to Transportation Officer to support transportation resources, i.e., one emergency worker should be available for each vehicle used to evacuate those persons who do not have transportation. _____
(time)

f. Be prepared to conduct road clearing operations as necessary.

_____ (time)

g. Advise County Municipal Liaison Officer of any additional unmet needs (431-6160). _____ (time)

(1) _____

(2) _____

(3) _____

h. Monitor evacuation process and report any problem areas to the County Municipal Liaison Officer (431-6160). _____ (time)

(1) _____

(2) _____

(3) _____

13. Maintain General Emergency status until:

a. Reduction of classification. _____ (time)

b. Termination of emergency. _____ (time)

c. EOC must be evacuated. _____ (time)

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

a. Verification:

	Telephone	Time
(1) Police Department	██████████	_____
(2) Fire Department	██████████	_____
(3) Schools		
(a) East Coventry Elementary School Kenneth Smart	██████████ home	_____
(4) Nursing Home		
(a) Manatawny Manor	██████████	_____
(5) Verification Message:		

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

b. Notification

	Telephone	Time
(1) Elected Officials		
(a) Ronald F. Elliott	<u> </u> home <u> </u> office	_____ _____
(b) Robert J. Megay	<u> </u> home <u> </u> office	_____ _____
(c) Douglas E. Kulp	<u> </u> home	_____

(2) Message:

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

15. If the EOC must be evacuated:

- a. If possible, wait until the municipality has been evacuated before leaving the EOC.
- b. Secure the facility and proceed to alternate EOC. (time)
- c. Notify Chester County upon your arrival at alternate EOC.

(time)

16. Remarks/Actions Taken:

ANNEX B
Implementing Procedure
Fire Services*

Fire Services Officer: Carl Shaffer
Alternate: Russel Kold

UNUSUAL EVENT

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

ALERT

The Fire Services Officer shall:

1. Upon request of Emergency Management Coordinator, report to the EUC.

(time)
2. Ensure that normal fire protection services are maintained.
3. If required, ensure mobilization of sufficient personnel to meet Route Alert Team requirements and make assignments to vehicles (reference, Appendix B-2). _____
(time)
4. Inventory dosimeters/KI and prepare for distribution; complete a Receipt Form for Dosimetry - Survey Meters - KI (reference Appendix B-4). _____
(time)
5. Review remaining emergency procedures in the event of escalation.
6. Maintain Alert status until notified of termination, escalation or reduction of classification.
7. Remarks/Actions Taken:

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

Fire Services

SITE EMERGENCY

The Fire Services Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EOC. _____
(time)
 - b. Ensure normal fire protection services are maintained.
 - c. If required, ensure mobilization of sufficient personnel to meet Route Alert Team requirements and make assignments to vehicles (reference, Appendix C-2). _____
(time)
 - d. Inventory dosimeters/KI and prepare for distribution; complete a Receipt Form for Dosimetry - Survey Meters - KI (reference Appendix B-4). _____
(time)
 - e. Proceed to Step 2.
2. If escalation from Alert, or if proceeding from Step 1, then:
 - a. Mobilize additional personnel as necessary and have them report to fire station (reference Appendix B-1). _____
(time)
 - b. Distribute dosimeters/KI to municipal emergency workers (reference Appendix B-3); obtain a signed receipt (reference Appendix B-5). _____
(time)
 - c. Ensure Fire Department Emergency workers have been issued dosimeters/KI. _____
(time)
 - d. Review personnel/equipment inventory (reference Appendix B-1), verify availability, and report unmet needs to County EOC, Fire Services at 431-6160. _____
(time)
 - e. Review remaining emergency procedures in the event of escalation. _____
(time)
 - f. Maintain Site Emergency status until notified of escalation, termination or reduction of classification.
3. If termination, collect dosimeters and unused KI from emergency workers and prepare for return to County. _____
(time)
4. Remarks/Actions Taken:

Fire Services

GENERAL EMERGENCY

The Fire Services Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EOC. _____
(time)
 - b. Ensure mobilization of sufficient personnel to meet Route Alert Team requirements and make assignments to vehicles (reference Appendix B-2). _____
(time)
 - c. Inventory dosimeters/KI and prepare for distribution; complete a Receipt Form for Dosimetry - Survey Meters - KI (reference Appendix B-4).
 - d. Distribute dosimeters/KI to municipal emergency workers (reference Appendix B-3); obtain a signed Receipt (reference Appendix B-5).

(time)
 - e. Mobilize additional fire personnel and have them report to fire station (reference Appendix B-1). _____
(time)
 - f. Ensure Fire Department emergency workers have been issued dosimeters/KI. _____
(time)
 - g. Review personnel/equipment inventory (reference Appendix B-1), verify availability, and report unmet needs to County EOC, Fire Services at 431-6160. _____
(time)
 - h. Proceed to Step 2.
2. If escalation from Alert or Site Emergency, or if proceeding from Step 1, then:
 - a. Monitor route alerting, if required, and support as necessary.

(time)
 - b. Inform County EOC upon completion of all route alerting in municipality. _____
(time)
 - c. If evacuation is ordered, after population has relocated, ensure that Fire Department relocates to Elverson Fire Company.

(time)
 - d. Relocate to alternate EOC. _____
(time)
3. If termination, collect dosimeters and unused KI from emergency workers and prepare for return to County. _____
(time)
4. Remarks/Actions Taken:

ROUTE ALERT TEAMS

Sector No. 1 Alert Team: _____ Fire Department

Leader: _____

Assistant: _____

Transient Location(s): _____ (TBD) _____

Hearing Impaired: List will be on file in the EOC.

Sector No. 2 Alert Team: _____ Fire Department

Leader: _____

Assistant: _____

Transient Location(s): _____ (TBD) _____

Hearing Impaired: List will be on file in the EOC.

Sector No. 3 Alert Team: _____ Fire Department

Leader: _____

Assistant: _____

Transient Location(s): _____ (TBD) _____

Hearing Impaired: List will be on file in the EOC.

Sector No. 4 Alert Team: _____ Fire Department

Leader: _____

Assistant: _____

Transient Location(s): _____ (TBD) _____

Hearing Impaired: List will be on file in the EOC.

ROUTE ALERTING SECTOR MAP

Map will be inserted in final draft.

MESSAGE - HEARING IMPAIRED

There is an emergency at the Limerick Generating Station.

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

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

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

EAST NANTMEAL TOWNSHIP
CHESTER COUNTY
RADIOLOGICAL EMERGENCY RESPONSE PLAN
FOR INCIDENTS AT THE
LIMERICK GENERATING STATION
IMPLEMENTING PROCEDURES

APRIL 1984

Copy Number _____

Draft 5
Rev 7/13/84

IMPLEMENTING PROCEDURES

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Implementing Procedure
Emergency Management Coordinator

ALERT

1. Document:







a. Date: _____

b. Time: _____

c. Source: _____

d. Details: _____

2. Notify:

	Telephone	Time
a. Elected Officials		
Nicholas Tkaczuk	 home office	_____ _____
C. Ray Loomis	 home office	_____ _____
T. Kenneth Emery	 home office	_____ _____
b. Key Staff		
Deputy Coordinator Ani Perry	 home office	_____ _____
Communications Officer Harry Burnett or Deputy	 home office _____ office	_____ _____ _____
Radiological Officer Jane Raser or Deputy	 home office _____ office	_____ _____ _____

Have key staff report to EUC. _____
(time)


3. Report to and activate local Emergency Operations Center (EUC).

- a. Activated _____
(time)
- b. County Municipal Liaison Officer notified of EUC activation. _____
(time)
- c. Check communication systems for operability. _____
(time)
- d. Establish EUC security. _____
(time)
- e. Monitor EBS station WCOJ 1420 AM. _____
(time)
- f. Ensure Route Alert Teams have been mobilized as necessary.

(time)
- g. If public alert system has been activated, notify hearing impaired. _____
(time)
- h. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched.

(time)
- i. Log all incoming messages that provide information or require a response. Post pertinent data on status board.

4. Notify the following:

	Telephone	Time
a. Special Facilities		
Camphill School		
1st Bernard Wolf, Program Coordinator		home _____ office _____
2nd Nick Stanton, Administrator		_____
Cottage		_____

b. Message:

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

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

- 5. Ensure ARES operator contacts the County ARES base upon arrival at the Township EUC. _____
(time)
- 6. Report all unmet needs to the Municipal Liaison Officer (431-6160) _____
(time)
- 7. Review remaining emergency procedures in the event of escalation.
- 8. Maintain Alert status until notified of termination, escalation or reduction of classification:

b. Time: _____

c. Source: _____


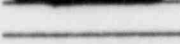

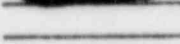


d. Disposition

(1) Termination: _____




(2) Escalation _____

(3) Reduction _____

9. If escalation, accomplish appropriate Implementing Procedures. If termination or reduction of classification, notify the following:

	Telephone	Time
a. Elected Officials		
Nicholas Tkaczuk	 home  office	_____ _____
C. Ray Loomis	 home  office	_____ _____
T. Kenneth Emery	 home  office	_____ _____

a. Special Facilities

Camphill School		
1st Bernard Wolf, Program Coordinator	 home  office	_____ _____
2nd Nick Stanton, Administrator Cottage		_____ _____

c. Message:

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

10. Remarks/Actions Taken:

Implementing Procedure
Emergency Management Coordinator

SITE EMERGENCY

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

1. Document:



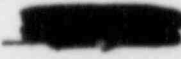



a. Date: _____

b. Time: _____


c. Source: _____

d. Details: _____

2. Notify:

	Telephone	Time
a. Elected Officials		
Nicholas Tkaczuk	 home office	_____ _____
C. Ray Loomis	 home office	_____ _____
T. Kenneth Emery	 home office	_____ _____
b. Key Staff		
Deputy Coordinator Ann Perry	 home office	_____ _____
Communications Officer Harry Burnett or Deputy	 home office	_____ _____
	home office	_____ _____
Radiological Officer Jane Raser or Deputy	 home office	_____ _____
	home office	_____ _____

Public Works Officer
C. Ray Loomis
or
Deputy



 home _____
office _____
home _____
office _____

Have key staff report to EOC. _____
(time)

3. Report to and activate the local Emergency Operations Center
 - a. Activated _____
(time)
 - b. County Municipal Liaison Officer notified of EOC activation. (431-6160) _____
(time)
 - c. Communications system checked for operability. _____
(time)
 - d. Establish EOC security. _____
(time)
 - e. Monitor EBS station WCUJ 1420 AM. _____
(time)
 - f. Ensure Route Alert Teams have been mobilized as necessary.

(time)
 - g. If the public alert system has been activated, notify hearing impaired. _____
(time)
 - h. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched.

(time)
 - i. Log all incoming messages that provide information or require a response. Post pertinent data on status board.
4. Have additional emergency personnel report to the EOC (for 24-hour operation), or where needed.
5. Ensure that appropriate EOC staff have placed their respective emergency workers on standby status. _____
(time)
6. Notify the following:

	Telephone	Time
a. Special Facilities		
Camphill School		
1st Bernard Wolf, Program Coordinator		home _____ office _____
2nd Nick Stanton, Administrator		_____
Cottage		_____

b. Message:
"This is _____ (name/title) . An incident classification of 'Site Emergency' has been declared at the Limerick Generating

Station." (Provide appropriate instructions as necessary.)

7. Verify Resource Availability:

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

8. Ensure Public Works Officer has distributed dosimeters/KI to emergency workers and EUC staff. _____
(time)

9. Review road conditions with EUC staff, i.e., there is no construction or other activity which would hinder movement of personnel or vehicles to/from the area. Ensure that the Public Works Officer and the County Public Works Officer are aware of any problem areas. _____
(time)

10. Ensure ARES operator contacts the County ARES base upon arrival at the Township EUC. _____
(time)

11. Report all unmet needs to the County Municipal Liaison Officer (431-6160) _____
(time)

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

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

a. Date: _____

b. Time: _____

c. Source: _____

d. Disposition:

(1) Termination _____


(2) Escalation _____

(3) Reduction _____

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

	Telephone	Time
a. Elected Officials		
Nicholas Tkaczuk	_____ home _____ office	_____ _____
C. Ray Loomis	_____ home _____ office	_____ _____


T. Kenneth Emery

 home
office _____

b. Special Facilities

Camphill School

1st Bernard Wolf, Program Coordinator

 home
office _____

2nd Nick Stanton, Administrator
Cottage

 _____

c. Message:

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

15. Remarks/Actions Taken:

Implementing Procedure
Emergency Management Coordinator

GENERAL EMERGENCY

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

1. Document:

- a. Date: _____
- b. Time: _____
- c. Source: _____
- d. Details: _____

2. Notify:

	Telephone	Time
a. Elected Officials		
Nicholas Tkaczuk	_____ home _____ office	_____ _____
C. Ray Loomis	_____ home _____ office	_____ _____
T. Kenneth Emery	_____ home _____ office	_____ _____
b. Key Staff		
Deputy Coordinator	_____ home	_____
Ann Perry	_____ office	_____
Communications Officer	_____ home	_____
Harry Burnett	_____ office	_____
or		
Deputy	_____ home	_____
	_____ office	_____
Radiological Officer	_____ home	_____
Jane Raser	_____ office	_____
or		
Deputy	_____ home	_____
	_____ office	_____

Public Works Officer
C. Ray Loomis
or
Deputy

_____	home	_____
_____	office	_____
_____	home	_____
_____	office	_____

Have key staff report to EUC. _____
(time)

3. Report to and activate the local Emergency Operations Center.
 - a. Activated _____
(time)
 - b. County Municipal Liaison Officer notified of EUC activation. (431-6160) _____
(time)
 - c. Communications system checked for operability. _____
(time)
 - d. Establish EOC security. _____
(time)
 - e. Monitor EBS station WCOJ 1420 AM. _____
(time)
 - f. Ensure Route Alert Teams have been mobilized as necessary.

(time)
 - g. Log all incoming messages that provide information or require a response. Post pertinent data on status board.

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

	Telephone	Time
a. Special Facilities		
Camphill School		
1st Bernard Wolf, Program Coordinator	_____	_____
2nd Nick Stanton, Administrator	_____	_____
Cottage	_____	_____

- b. Message:

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

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

6. Ensure Access Control Points are manned. _____
(time)
7. Verify Resource Availability:

Ensure appropriate EUC staff have reviewed their respective resource

inventories and have reported deficiencies to their respective counterparts in the County EOC; for example, the Township Communications Officer contacts County Communications Officer. _____
(time)

8. Ensure Public Works Officer has distributed dosimeters/KI to emergency workers and EOC staff. _____
(time)
9. Review road conditions with EOC staff, i.e., there is no construction or other activity which would hinder movement of personnel or vehicles to/from the area. Ensure that the Public Works Officer and the County Director are aware of any problem areas. _____
(time)
10. Ensure ARES operator contacts the County ARES base upon arrival at the Township EOC. _____
(time)
11. Report all unmet needs to the County Municipal Liaison Officer (431-6160). _____
(time)
12. If sheltering is recommended:
 - a. When the public alert system has been activated, notify hearing impaired. _____
(time)
 - b. Monitor EBS station to ensure proper instructions are being given to the general population. _____
(time)
 - c. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched.
13. If evacuation is ordered:
 - a. When the public alert system has been activated, notify hearing impaired. _____
(time)
 - b. Monitor EBS station to ensure proper instructions are being given to the general public. _____
(time)
 - c. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched. _____
(time)
 - d. Ensure Traffic Control Points have been manned. _____
(time)
 - e. Assign sufficient emergency workers to Public Works Officer to support transportation resources, i.e., one emergency worker should be available for each vehicle used to evacuate those persons who do not have transportation. _____
(time)
 - f. Advise County Municipal Liaison Officer of any additional unmet needs. (431-6160) _____
(time)
 - (1) _____
 - (2) _____

(3) _____

g. Monitor evacuation process and report any problem areas to the County Municipal Liaison Officer _____

(time)

(1) _____

(2) _____

(3) _____

14. Maintain General Emergency status until:

a. Reduction of classification. _____
(time)

b. Termination of emergency. _____
(time)

c. EOC must be evacuated. _____
(time)

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

	Telephone	Time
a. Elected Officials		
Nicholas Tkaczuk	_____ home _____ office	_____ _____
C. Ray Loomis	_____ home _____ office	_____ _____
T. Kenneth Emery	_____ home _____ office	_____ _____

a. Special Facilities

Camphill School		
1st Bernard Wolf, Program Coordinator	_____ home _____ office	_____ _____
2nd Nick Stanton, Administrator Cottage	_____ home _____ office	_____ _____

c. Message:

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

16. If the EOC must be evacuated:

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

b. Secure the facility and proceed to alternate EOC.

c. Notify Chester County upon your arrival at alternate EUC.

(time)

17. Remarks/Actions Taken:

ANNEX C
Implementing Procedure
Public Works*

Public Works Officer: C. Ray Loomis
Alternate: (name)

UNUSUAL EVENT

No response required.

ALERT

The Public Works Officer shall:

1. Upon request of the Emergency Management Coordinator, report to the EOC.
(time)
2. Update the list of those individuals who do not normally have transportation available 24-hours a day (reference Appendix C-2).
(time)
3. Review remaining procedures in the event of escalation.
4. Maintain Alert status until notified of termination, escalation or reduction of classification.
5. Remarks/Actions Taken:

*NOTE: This procedure has been modified to include Transportation Procedures.

Public Works

SITE EMERGENCY

The Public Works Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EJC. _____
(time)
 - b. Update the list of those individuals who do not normally have transportation available 24-hours a day (reference Appendix C-2).

(time)
 - c. Contact Communications Services Officer to obtain list of those individuals who require specialized transportation (other than ambulance). _____
(time)
 - d. Notify the County Transportation Coordinator of any changes in requirements. _____
(time)
 - e. Proceed to Step 2.
2. If escalation from Alert or if proceeding from Step 1, then:
 - a. Monitor weather conditions. _____
(time)
 - b. Review remaining emergency procedures in the event of escalation.
 - c. Maintain Site Emergency status until notified of termination, escalation or reduction of classification.
3. Remarks/Actions Taken:

Public Works

GENERAL EMERGENCY

The Public Works Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EUC. _____
(time)
 - b. Update the list of those individuals who do not normally have transportation available 24-hours a day (reference Appendix C-2).

(time)
 - c. Contact the Communication Officer to obtain a list of those individuals who require specialized transportation (other than ambulances). _____
(time)
 - d. Monitor weather conditions. _____
(time)
 - e. Proceed to Step 2.
2. If escalation from Alert or Site Emergency, or if proceeding from Step 1, then:
 - a. If recommended protective action is sheltering, no further action is required.
 - b. If recommended protective action is evacuation, then:
 - (1) Be prepared to conduct road clearing operations as necessary.

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

(time)
 - (3) As transportation resource requirements, including those for special needs (vans, etc.), exceed availability (reference Appendix C-1), notify the County Transportation Coordinator at 431-6160 of additional requirements. _____
(time)
 - (4) Inform the EMC of the number of vehicles that have been requested through the County and request that an emergency worker be made available for assisting each vehicle.

(time)
 - c. Prepare a list of names and addresses of persons to be pick-up for each vehicle including ambulances. _____
(time)
 - d. Upon the arrival of vehicles at the municipal transportation staging

areas, ensure that an emergency worker is assigned to each vehicle. A list of names and addresses of persons to be picked-up should be provided for each vehicle along with instructions to proceed to the designated Reception Center and assigned Mass Care Center. Persons being evacuated by ambulance shall be evacuated to Pocopson Home, West Chester, PA. _____

(time)

e. Relocate to alternate EOC after population has departed.

(time)

3. Remarks/Actions Taken:

ANNEX D
Implementing Procedure
Radiological

Public Works Officer: Jane Raser
Alternate: _____

UNUSUAL EVENT

No response required.

ALERT

The Radiological Officer shall:

1. Upon notification, report to the EOC. _____
(time)
2. Inventory dosimeters/KI, prepare for distribution; complete a Receipt Form for Dosimetry-Survey Meters-KI. (reference Appendix D-2) _____
(time)
3. Review remaining procedures in the event of escalation.
4. Maintain Alert status until notified of termination, escalation or reduction of classification.
5. Remarks/Actions Taken:

Radiological

SITE EMERGENCY

The Radiological Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EOC. _____
(time)
 - b. Inventory dosimeters/KI and prepare for distribution; complete a Receipt Form for Dosimetry-Survey Meters-KI. (reference Appendix D-2).

(time)
 - c. Proceed to Step 2.
2. If escalation from Alert or if proceeding from Step 1, then:
 - a. Distribute dosimeters/KI to municipal emergency workers and EOC Staff (reference D-1); obtain a signed receipt (reference Appendix D-3). _____
(time)
 - b. Review remaining emergency procedures in the event of escalation.
 - c. Maintain Site Emergency status until notified of termination, escalation or reduction of classification.
3. If termination, collect dosimeters/KI from emergency workers, inventory, and prepare for return to County EOC. _____
time
4. Remarks/Actions Taken:

Radiological

GENERAL EMERGENCY

The Radiological Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EOC. _____
(time)
 - b. Inventory dosimeters/KI and prepare for distribution; complete a Receipt Form for Dosimetry - Survey Meters - KI (reference Appendix D-2). _____
(time)
 - c. Distribute dosimeters/KI to municipal emergency workers (reference Appendix D-1) and EOC staff; obtain a signed receipt (reference Appendix D-3). _____
(time)
 - d. Proceed to Step 2.
2. If escalation from Alert or Site Emergency, or if proceeding from Step 1, then:
 - a. Relocate to alternate EOC after population has departed.

(time)
 - b. Upon termination of emergency, collect dosimeters/KI from emergency workers, inventory, and prepare for return to County EOC. _____
(time)
3. Remarks/Actions Taken:

MUNICIPAL DOSIMETRY-KI LIST

<u>AGENCY</u>	<u>NUMBER OF EMERGENCY WORKERS</u>
A. Emergency Management Agency	
East Nantmeal Township Route 401 & Font Road Glenmore, PA	12
B. Public Works	
East Nantmeal Township Route 401 & Font Road Glenmore, PA	8
Total Units of Dosimetry-KI Required <u>20</u>	

EAST PIKELAND TOWNSHIP
CHESTER COUNTY
RADIOLOGICAL EMERGENCY RESPONSE PLAN
FOR INCIDENTS AT THE
LIMERICK GENERATING STATION
IMPLEMENTING PROCEDURES

APRIL 1984







Copy Number _____

Draft 5
Rev 7/13/84

- b. County Municipal Liaison Officer notified of EUC activation (431-6160). _____
(time)
 - c. Check communication systems for operability. _____
(time)
 - d. Establish EUC security. _____
(time)
 - e. Monitor EBS station WCOJ 1420 AM. _____
(time)
 - f. Ensure Route Alert Teams have been mobilized as necessary.

(time)
 - g. If public alert system has been activated, notify hearing impaired. _____
(time)
 - h. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched.




(time)
 - i. Log all messages that provide information or require action. Post pertinent data on status board.
5. Verify that the following have been notified:

	Telephone	Time
a. Schools		
(1) East Pikeland Elementary Jeffrey Hohnan Principal	home _____ office _____ 	_____ _____
(2) St. Basil's Sister Patricia Wickenkeiser Principal	home _____ office _____ 	_____ _____
b. Major Industries		
(1) Monsey Products	office _____ 	_____
(2) Cromby Power Plant	office _____ _____	_____
(3) Pierce-Stevens	office _____ 	_____
(4) WATPRU	office _____ _____	_____
(5) Royersford Foundry	office _____ 	_____
(6) Roberts Meatpacking	office _____ 	_____
c. Verification Message:		

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

been declared at the Limerick Generating Station."

6. Notify the following:



	Telephone	Time
a. Special Facilities		
Phoenix-Kimberton Mail		office _____
Zion's Lutheran Church Day Care		home _____ office _____
Camp Council		office _____

b. Message:

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

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

7. Ensure ARES operator contacts the County ARES base upon arrival at the Municipal EOC. _____
(time)
8. Review remaining emergency procedures in the event of escalation.
9. Report all unmet needs to the County Municipal Liaison Officer (431-6160).
10. Maintain Alert status until notified of termination, escalation or reduction of classification:
 - a. Date: _____
 - b. Time: _____
 - c. Source: _____
 - d. Disposition
 - (1) Termination _____
 - (2) Escalation _____
 - (3) Reduction _____
11. If escalation, accomplish appropriate Implementing Procedure. If termination or reduction of classification, verify/notify the following:
 - a. Verification

	Telephone	Time
(1) Police Department		_____
(2) Fire Department		_____

(3) Schools

(a) East Pikeland Elementary
Jeffrey Hohinan
Principal

home _____
office _____
[redacted]

(b) St. Basil's
Sister Patricia Wickenkeiser
Principal

home _____
office _____
[redacted]

(4) Major Industries

(a) Monsey Products

office _____
[redacted]

(b) Cromby Power Plant

office _____

(c) Pierce-Stevens

office _____
[redacted]

(d) WATPRO

office _____

(e) Royersford Foundry

office _____
[redacted]

(f) Roberts Meatpacking

office _____
[redacted]

(5) Verification Massage:

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

b. Notification:

(1) Elected Officials

Telephone

Time

(a) John Yeager, Chairman

home _____
office _____
[redacted]

(b) John Doyle

home _____
office _____
[redacted]

(c) Michael Gaydos

home _____
office _____
[redacted]

(2) Special Facilities


Phoenix-Kimberton Mall

office _____
[redacted]

Zion's Lutheran Church Day Care

home _____
office _____
[redacted]

Camp Council

 office _____

(3) Message:

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

12. Remarks/Actions Taken:

4. Report to and activate the local Emergency Operations Center.
 - a. Activated _____
(time)
 - b. County Municipal Liaison Officer notified of EOC activation (431-6160). _____
(time)
 - c. Communications system checked for operability. _____
(time)
 - d. Establish EOC security. _____
(time)
 - e. Monitor EBS station WCOJ 1420 AM. _____
(time)
 - f. Ensure Route Alert Teams have been mobilized. _____
(time)
 - g. If the public alert system has been activated, notify hearing impaired. _____
(time)
 - h. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched. _____
(time)
 - i. Log all messages that provide information or require action. Post pertinent data on status board. _____
(time)
5. Have additional emergency personnel report to the EOC (for 24-hour operation), or where needed.

	Telephone	Time
a. _____ name	home _____ office _____	_____
b. _____ name	home _____ office _____	_____
c. _____ name	home _____ office _____	_____

d. Message:

"This is _____ (name/title) _____. There has been a Site Emergency declared at the Limerick Generating Station and we are activating our Radiological Emergency Response Plan. Please report to the Kimberton Fire Department.

6. Ensure that appropriate EOC staff have placed their respective emergency workers on standby status. _____
(time)
7. Verify that the following have been notified:

	Telephone	Time
a. Schools		
(1) East Pikeland Elementary		

Jeffrey Hohman
Principal

home office _____

(2) St. Basil's
Sister Patricia Wickenkeiser
Principal

home office _____

b. Major Industries

(1) Monsey Products

office _____

(2) Cromby Power Plant

office _____

(3) Pierce-Stevens

office _____

(4) WATPRU

office _____

(5) Royersford Foundry

office _____

(6) Roberts Meatpacking

office _____

c. Verification Message:

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

8. Notify the following:

a. Special Facilities

Telephone Time

Phoenix-Kimberton Mall

office _____

Zion's Lutheran Church Day Care

home office _____

Camp Council

office _____

b. Message:

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

9. Verify Resource Availability:

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

10. Ensure Radiological Officer has distributed dosimeters/KI to emergency

workers. _____
(time)

11. Review road conditions with EOC staff, i.e., there is no construction or other activity which would hinder movement of personnel or vehicles to/from the area. Ensure that the Transportation Officer and the County Public Works Officer (431-6160) are aware of any problem areas.

_____ (time)

12. Ensure ARES operator contacts the County ARES base upon arrival at the Municipal EOC.

_____ (time)

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

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

a. Date: _____

b. Time: _____

c. Source: _____

d. Disposition:

(1) Termination _____

(2) Escalation _____

(3) Reduction _____

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

a. Verification:

	Telephone	Time
(1) Police Department	_____	_____
(2) Fire Department	_____	_____
(3) Schools		
(a) East Pikeland Elementary Jeffrey Hohman Principal	_____ home _____ office	_____ _____
(b) St. Basil's Sister Patricia Wickenkeiser Principal	_____ home _____ office	_____ _____
(4) Major Industries		
(a) Monsey Products	_____ office	_____

- (b) Cromby Power Plant _____ office _____
- (c) Pierce-Stevens _____ office _____
- (d) WATPRU _____ office _____
- (e) Royersford Foundry _____ office _____
- (f) Roberts Meatpacking _____ office _____

(5) Verification Message:

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

b. Notification




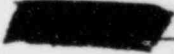


- | | Telephone | Time |
|---------------------------------|----------------------------|----------------|
| (1) Elected Officials | | |
| (a) John Yeager, Chairman | _____ home
_____ office | _____
_____ |
| (b) John Doyle | _____ home
_____ office | _____
_____ |
| (c) Michael Gaydos | _____ home
_____ office | _____
_____ |
| (2) Special Facilities | | |
| Phoenix-Kimberton Mall | _____ office | _____ |
| Zion's Lutheran Church Day Care | _____ home
_____ office | _____
_____ |
| Camp Council | _____ office | _____ |
| (3) Message: | | |

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

16. Remarks/Actions Taken:

Limerick Generating Station. The recommended protective action is

4. Report to and activate the local Emergency Operations Center.
 - a. Activated _____
(time)
 - b. County Municipal Liaison Officer notified of EOC activation (431-6160). _____
(time)
 - c. Communications system checked for operability. _____
(time)
 - d. Establish EOC security. _____
(time)
 - e. Monitor EBS station WCJJ 1420 AM. _____
(time)
 - f. Ensure Route Alert Teams have been mobilized. _____
(time)
 - g. Log all messages which provide information or require action. Post pertinent data on status board. _____
(time)
5. Ensure that all necessary emergency response personnel have reported to the EOC, where needed, or to pre-assigned location. _____
(time)
6. Verify that the following have been notified:

	Telephone	Time
a. Schools		
(1) East Pikeland Elementary Jeffrey Hohman Principal	home _____ office _____ 	_____ _____
(2) St. Basil's Sister Patricia Wickenkeiser Principal	home _____ office _____ 	_____ _____
b. Major Industries		
(1) Monsey Products	 office	_____
(2) Cromby Power Plant	_____ office	_____
(3) Pierce-Stevens	 office	_____
(4) WATPRU	_____ office	_____
(5) Royersford Foundry	 office	_____
(6) Roberts Meatpacking	 office	_____

c. Verification Message:

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

7. Notify the following:

- | | Telephone | Time |
|---------------------------------|----------------------------|----------------|
| a. Special Facilities | | |
| Phoenix-Kimberton Mall | _____ office | _____ |
| Zion's Lutheran Church Day Care | _____ home
_____ office | _____
_____ |
| Camp Council | _____ office | _____ |
| b. Message: | | |

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

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

8. Verify Resource Availability:

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

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

10. Review road conditions with EOC staff, i.e., there is no construction or other activity which would hinder movement of personnel or vehicles to/from the area. Ensure that the Transportation Officer and the county Public Works Officer (431-6160) are aware of any problem areas. _____ (time)

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

12. If shearing is recommended:

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

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

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

_____ (time)

13. If evacuation is ordered:

- a. When the public alert system has been activated, notify hearing impaired.

_____ (time)

- b. Monitor EBS station to ensure proper instructions are being given to the general public.

_____ (time)

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

_____ (time)

- d. Ensure Traffic Control Points have been manned.

_____ (time)

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

_____ (time)

- f. Advise County Municipal Liaison Officer of any additional unmet needs (431-6160).

_____ (time)

(1) _____

(2) _____

(3) _____

- g. Monitor evacuation process and report any problem areas to the County Municipal Liaison Officer.

_____ (time)

(1) _____

(2) _____

(3) _____

14. Maintain General Emergency status until:

- a. Reduction of classification.

_____ (time)

- b. Termination of emergency.

_____ (time)

- c. EOC must be evacuated.

_____ (time)

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

(2) Special Facilities

Phoenix-Kimberton Mall

_____ office _____

Zion's Lutheran Church Day Care

_____ home _____
_____ office _____

Camp Council

_____ office _____

(3) Message:

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

16. If the EOC must be evacuated:

- a. If possible, wait until the municipality has been evacuated before leaving the EOC.
- b. Secure the facility and proceed to alternate EOC. _____ (time)
- c. Notify Chester County Municipal Liaison Officer upon your arrival at alternate EOC (431-6160). _____ (time)

17. Remarks/Actions Taken:

ANNEX E
Implementing Procedure
radiological

Radiological Officer: Bruce Utrey
Alternate: Richard Dobson

UNUSUAL EVENT

No response required.

ALERT

The Radiological Officer shall:

1. Upon notification, report to the EOC. _____
(time)
2. Inventory dosimeters/KI and prepare for distribution; if applicable, complete a Receipt Form for Dosimetry-Survey Meters-KI (reference Appendix E-2). _____
(time)
3. Review remaining procedures in the event of escalation.
4. Maintain Alert status until notified of termination, escalation or reduction of classification.
5. Remarks/Action Taken:

Radiological

SITE EMERGENCY

The Radiological Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EOC. _____
(time)
 - b. Inventory dosimeters/KI and prepare for distribution; if applicable, complete a Receipt Form for Dosimetry-Survey Meters-KI (reference Appendix E-2). _____
(time)
 - c. Proceed to Step 2.
2. If escalation from Alert or if proceeding from Step 1, then:
 - a. Distribute dosimeters/KI to municipal emergency workers (reference Appendix E-1) and EOC staff; obtain a signed receipt (reference Appendix E-3). _____
(time)
 - b. Review remaining procedures in the event of escalation.
 - c. Maintain Site Emergency status until notified of termination, escalation or reduction of classification.
3. If termination, collect dosimeters/KI from emergency workers, inventory, and prepare for return to County EOC. _____
(time)
4. Remarks/Actions Taken:

Radiological

GENERAL EMERGENCY

The Radiological Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EOC. _____
(time)
 - b. Inventory dosimeters/KI and prepare for distribution; if applicable, complete a Receipt Form for Dosimetry-Survey Meters-KI (reference Appendix E-2). _____
(time)
 - c. Distribute dosimeters/KI to municipal emergency workers (reference Appendix E-1) and EOC staff; obtain a signed receipt (reference Appendix E-3) _____
(time)
 - d. Proceed to Step 2.
2. If escalation from Alert or Site Emergency, or if proceeding from Step 1, then:
 - a. Relocate to alternate EOC after population has departed.
_____ (time)
3. Upon termination of emergency, collect dosimeters/KI from emergency workers, inventory, and prepare for return to County EOC.
_____ (time)
4. Remarks/Actions Taken:

EAST VINCENT TOWNSHIP
CHESTER COUNTY
RADIOLOGICAL EMERGENCY RESPONSE PLAN
FOR INCIDENTS AT THE
LIMERICK GENERATING STATION
IMPLEMENTING PROCEDURES

APRIL 1984

Copy Number _____

Draft 5

Have key staff report to EOC. _____
(time)

3. Verify that the following have been notified:

	Telephone	Time
a. Police Department	[REDACTED]	_____
b. Verification Message:		

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

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

- a. Activated _____
(time)
- b. County Municipal Liaison Officer notified of EOC activation (431-6160). _____
(time)
- c. Check communication systems for operability. _____
(time)
- d. Establish EOC security. _____
(time)
- e. Monitor EBS station WCOJ 1420 AM. _____
(time)
- f. Ensure Route Alert Teams have been mobilized as necessary.

(time)
- g. If public alert system has been activated, notify hearing impaired. _____
(time)
- h. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched. _____
(time)
- i. Log all messages that provide information or require action. Post pertinent data on status board.

5. Verify that the following have been notified:

	Telephone	Time
a. School		
(1) East Vincent Elementary School		
Kenneth J. Swart	[REDACTED]	_____ office _____
b. Verification Message:		

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

6. Notify the following:

		Telephone	Time
a. Special Facilities			
(1) Vincent Heights		office	_____
(2) Park Springs		_____ home	_____
		_____ office	_____
(3) Kimberton Farms	_____	_____ home	_____
	name/title	office	_____
(4) Grace Assembly Day Care	_____	_____ home	_____
	name/title	_____ office	_____

b. Message:

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

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

7. Ensure ARES operator contacts the County ARES base upon arrival at the Municipal EOC. _____
(time)
8. Review remaining emergency procedures in the event of escalation.
9. Report all unmet needs to the County Municipal Liaison Officer (431-6160).
10. Maintain Alert status until notified of termination, escalation or reduction of classification:
 - a. Date: _____
 - b. Time: _____
 - c. Source: _____
 - d. Disposition
 - (1) Termination _____
 - (2) Escalation _____
 - (3) Reduction _____
11. If escalation, accomplish appropriate Implementing Procedure. If termination or reduction of classification, verify/notify the following:

a. Verification:

	Telephone	Time
(1) Police Department		_____

(2) School

(a) East Vincent Elementary School
Kenneth J. Swart [redacted] office _____

(3) Verification Message:

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

b. Notification:

	Telephone	Time
(1) Elected Officials		
(a) Everett H. Wilson	[redacted] home office _____	_____
(b) Charles E. Pancoast	[redacted] home office _____	_____
(c) James L. Giatras	[redacted] home office _____	_____

(2) Special Facilities

(a) Vincent Heights	[redacted] office _____	_____
(b) Park Springs	_____ home office _____	_____
(c) Kimberton Farms	_____ name/title [redacted] home office _____	_____
(d) Grace Assembly Day Care	_____ name/title _____ home office _____	_____

(3) Message:

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

12. Remarks/Actions Taken:

Implementing Procedure

Emergency Management Coordinator

SITE EMERGENCY

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

1. Document:




a. Date: _____

b. Time: _____

c. Source: _____

d. Details: _____

2. Notify:

	Telephone	Time
a. Elected Officials		
(1) Everett H. Wilson	 home _____ office	_____ _____
(2) Charles E. Pancoast	 home _____ office	_____ _____
(3) James L. Giatras	 home _____ office	_____ _____
b. Key Staff		
(1) Police Services Officer or Deputy	_____ home _____ office _____ home _____ office	_____ _____ _____ _____
(2) Fire Services Officer or Deputy	_____ home _____ office _____ home _____ office	_____ _____ _____ _____
(3) Transportation Officer or Deputy	_____ home _____ office _____ home _____ office	_____ _____ _____ _____

Have key staff report to EUC. _____
(time)

3. Verify that the following have been notified:

	Telephone	Time
a. Police Department	[REDACTED]	_____

b. Verification Message:

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

4. Report to and activate the local Emergency Operations Center

a. Activated _____
(time)

b. County Municipal Liaison Officer notified of EUC activation (431-6160). _____
(time)

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

d. Establish EUC security. _____
(time)

e. Monitor EBS station WCOJ 1420 AM. _____
(time)

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

(time)

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

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

(time)

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

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

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

7. Verify that the following have been notified:

	Telephone	Time
a. School		

(1) East Vincent Elementary School
Kenneth J. Swart [REDACTED] office _____

b. Verification Message:

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

8. Notify the following:

	Telephone	Time
a. Special Facilities		
(1) Vincent Heights	_____ office _____	
(2) Park Springs	_____ home _____ _____ office _____	
(3) Kimberton Farms	_____ home _____ _____ office _____	
(4) Grace Assembly Day Care	_____ home _____ _____ office _____	

b. Message:

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

9. Verify Resource Availability:

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

(time)

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

(time)

11. Review road conditions with EUC staff, i.e., there is no construction or other activity which would hinder movement of personnel or vehicles to/from the area. Ensure that the Transportation Officer and the County Public Works Officer (431-6160) are aware of any problem areas.

(time)

12. Ensure ARES operator contacts the County ARES base upon arrival at Municipal EOC. _____

(time)

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

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

a. Date: _____

b. Time: _____

c. Source: _____

d. Disposition:

(1) Termination _____

(2) Escalation _____

(3) Reduction _____

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

a. Verification:

(1) Police Department Telephone [redacted] Time _____

(2) School

(a) East Vincent Elementary School
Kenneth J. Swart [redacted] office _____

(3) Verification Message:

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

b. Notification

(1) Elected Officials Telephone Time

(a) Everett H. Wilson [redacted] home office _____

(b) Charles E. Pancoast [redacted] home office _____

(c) James L. Giatras [redacted] home office _____

(2) Special Facilities

(a) Vincent Heights [redacted] office _____

(b) Park Springs _____ home office _____

(c) Kimberton Farms _____ name/title [redacted] home office _____

(d) Grace Assembly
Day Care

_____ home
name/title _____ office _____

(3) Message:

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

16. Remarks/Actions Taken:

Implementing Procedure
Emergency Management Coordinator

GENERAL EMERGENCY

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

1. Document:


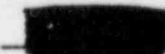

a. Date: _____

b. Time: _____

c. Source: _____

d. Details: _____

2. Notify:

	Telephone	Time
a. Elected Officials		
(1) Everett H. Wilson	 home _____ office	_____ _____
(2) Charles E. Pancoast	 home _____ office	_____ _____
(3) James L. Giatras	 home _____ office	_____ _____
b. Key Staff		
(1) Police Services Officer	_____ home	_____
or	_____ office	_____
Deputy	_____ home	_____
	_____ office	_____
(2) Fire Services Officer	_____ home	_____
or	_____ office	_____
Deputy	_____ home	_____
	_____ office	_____
(3) Transportation Officer	_____ home	_____
or	_____ office	_____
Deputy	_____ home	_____
	_____ office	_____

Have key staff report to EOC. _____
(time)

3. Verify that the following have been notified:

	Telephone	Time
a. Police Department	[REDACTED]	_____
b. Verification Message:		

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

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

- a. Activated _____
(time)
- b. County Municipal Liaison Officer notified of EOC activation (431-6160). _____
(time)
- c. Check communication systems for operability. _____
(time)
- d. Establish EOC security. _____
(time)
- e. Monitor EBS station WCOJ 1420 AM. _____
(time)
- f. Ensure Route Alert Teams have been mobilized as necessary.

(time)
- g. If public alert system has been activated, notify hearing impaired. _____
(time)
- n. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched. _____
(time)
- i. Log all messages that provide information or require action. Post pertinent data on status board.

5. Verify that the following have been notified:

	Telephone	Time
a. School		
(1) East Vincent Elementary School		
Kenneth J. Swart	[REDACTED] office	_____

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

6. Notify the following:

		Telephone	Time
a. Special Facilities			
(1) Vincent Heights		██████████ office	_____
(2) Park Springs		_____ home	_____
		_____ office	_____
(3) Kimberton Farms	_____	_____ home	_____
	name/title	██████████ office	_____

b. Message:

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

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

8. Verify Resource Availability:

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

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

10. Review road conditions with EOC staff, i.e., there is no construction or other activity which would hinder movement of personnel or vehicles to/from the area. Ensure that the Transportation Officer and the County Public Works Officer (431-6160) are aware of any problem areas.

_____ (time)

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

12. If sheltering is recommended:

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

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

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

13. If evacuation is ordered:

- a. When the public alert system has been activated, notify hearing impaired. _____
(time)
- b. Monitor EBS station to ensure proper instructions are being given to the general public. _____
(time)
- c. In the event of a siren failure receive notification from the County that appropriate Route Alert Teams have been dispatched. _____
(time)
- d. Ensure Traffic Control Points have been manned. _____
(time)
- e. Assign sufficient emergency workers to Transportation Officer to support transportation resources, i.e., one emergency worker should be available for each vehicle used to evacuate those persons who do not have transportation. _____
(time)
- f. Advise County Municipal Liaison Officer of any additional unmet needs (431-6160). _____
(time)
 - (1) _____
 - (2) _____
 - (3) _____
- g. Monitor evacuation process and report any problem areas to the County Municipal Liaison Officer [REDACTED]. _____
(time)
 - (1) _____
 - (2) _____
 - (3) _____

14. Maintain General Emergency status until:

- a. Reduction of classification. _____
(time)
- b. Termination of emergency. _____
(time)
- c. EOC must be evacuated. _____
(time)

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

a. Verification:

- | | Telephone | Time |
|-----------------------|------------|-------|
| (1) Police Department | [REDACTED] | _____ |
| (2) School | | |

- (a) East Vincent Elementary School
Kenneth J. Swart [redacted] office _____
- (3) Verification Message:

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

b. Notification

	Telephone	Time
(1) Elected Officials		
(a) Everett H. Wilson	[redacted] home [redacted] office	_____ _____
(b) Charles E. Pancoast	[redacted] home [redacted] office	_____ _____
(c) James L. Giatras	[redacted] home [redacted] office	_____ _____
(2) Special Facilities		
(a) Vincent Heights	[redacted] office	_____
(b) Park Springs	_____ home _____ office	_____ _____
(c) Kimberton Farms	_____ name/title [redacted] office	_____ _____

(3) Message:

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

16. If the EOC must be evacuated:

- a. If possible, wait until the municipality has been evacuated before leaving the EOC.
- b. Secure the facility and proceed to alternate EOC. _____ (time)
- c. Notify Chester County Municipal Liaison Officer [redacted] upon your arrival at alternate EOC. _____ (time)

17. Remarks/Actions Taken:

ANNEX B

Implementing Procedure

Police Services*

Police Services Officer: (name)
Alternate: (name)

UNUSUAL EVENT

No response necessary unless police services are required at the Limerick Generating Station.

ALERT

The Police Services Officer shall:

1. Upon request of the Emergency Management Coordinator, report to the EOC.
 (time)
2. Ensure that normal police functions are maintained.
3. Review remaining emergency procedures in the event of escalation.
4. Maintain Alert status until notified of termination, escalation or reduction of classification.
5. Remarks/Actions Taken:

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

ANNEX C
Implementing Procedure
Fire Services*

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

UNUSUAL EVENT

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

ALERT

The Fire Services Officer shall:

1. Upon request of Emergency Management Coordinator, report to the EOC.
_____ (time)
2. Ensure that normal fire protection services are maintained.
3. If required, ensure mobilization of sufficient personnel to meet Route Alert Team requirements and make assignments to vehicles (reference Appendix C-1). _____ (time)
4. Inventory dosimeters/KI and prepare for distribution; complete a Receipt Form for Dosimetry-Survey Meters-KI (reference Appendix C-3).
_____ (time)
5. Review remaining emergency procedures in the event of escalation.
6. Maintain Alert status until notified of termination, escalation or reduction of classification.
7. Remarks/Actions Taken:

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

Fire Services

SITE EMERGENCY

The Fire Services Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EOC. _____
(time)
 - b. Ensure normal fire protection services are maintained.
 - c. If required, ensure mobilization of sufficient personnel to meet Route Alert Team requirements and make assignments to vehicles (reference Appendix C-1). _____
(time)
 - d. Inventory dosimeters/KI and prepare for distribution; complete a Receipt Form for Dosimetry-Survey Meters-KI (reference Appendix C-3). _____
(time)
 - e. Proceed to Step 2.
2. If escalation from Alert, or if proceeding from Step 1, then:
 - a. Distribute dosimeters/KI to municipal emergency workers (reference Appendix C-2); obtain a signed receipt (reference Appendix C-4). _____
(time)
 - b. Review remaining emergency procedures in the event of escalation. _____
(time)
 - c. Maintain Site Emergency status until notified of escalation, termination or reduction of classification.
3. If termination, collect dosimeters and unused KI from emergency workers and prepare for return to County. _____
(time)
4. Remarks/Actions Taken:

Fire Services

GENERAL EMERGENCY

The Fire Services Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EUC. _____
(time)
 - b. Ensure mobilization of sufficient personnel to meet Route Alert Team requirements and make assignments to vehicles (reference Appendix C-1). _____
(time)
 - c. Inventory dosimeters/KI and prepare for distribution; complete a receipt Form for Dosimetry-Survey Meters-KI (reference Appendix C-3). _____
(time)
 - d. Proceed to Step 2.
2. If escalation from Alert or Site Emergency, or if proceeding from Step 1, then:
 - a. Monitor route alerting, if required, and support as necessary.
_____ (time)
 - b. Inform County EUC upon completion of all route alerting in municipality. _____
(time)
 - c. Relocate to alternate EUC. _____
(time)
3. If termination, collect dosimeters and unused KI from emergency workers and prepare for return to County. _____
(time)
4. Remarks/Actions Taken:

ROUTE ALERTING TEAMS

I. GENERAL

- A. The East Vincent Township is divided into 6 Sectors.
- B. Each Sector is assigned a Route Alert Team (reference Attachment 1).
- C. Two (2) persons should be assigned to each team.

II. PURPOSE

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

III. PROCEDURES

- A. When dispatched by the Chester County DES, commence route alerting in designated sectors (reference Attachment 2).
- B. Route Alerting is accomplished by driving slowly along designated roads, periodically activating the vehicle siren and making the following announcement on the PA system:

"There is an emergency at the Limerick Generating Station; please tune to your EBS station WCUJ 1420 AM."
- C. Upon completion of route, notify the Chester County DES and return to station.

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

ROUTE ALERT TEAMS

Sector No. 1 Alert Team: _____ Fire Department

Leader: _____

Assistant: _____

Transient Location(s): _____ (TBD)

Hearing Impaired: List will be on file in the EOC.

Sector No. 2 Alert Team: _____ Fire Department

Leader: _____

Assistant: _____

Transient Location(s): _____ (TBD)

Hearing Impaired: List will be on file in the EOC.

Sector No. 3 Alert Team: _____ Fire Department

Leader: _____

Assistant: _____

Transient Location(s): _____ (TBD)

Hearing Impaired: List will be on file in the EOC.

Sector No. 4 Alert Team: _____ Fire Department

Leader: _____

Assistant: _____

Transient Location(s): _____ (TBD)

Hearing Impaired: List will be on file in the EOC.

Sector No. 5 Alert Team: _____ Fire Department

Leader: _____

Assistant: _____

Transient Location(s): _____ (TBD)

Hearing Impaired: List will be on file in the EOC.

Sector No. 6 Alert Team: _____ Fire Department

Leader: _____

Assistant: _____

Transient Location(s): _____ (TBD)

Hearing Impaired: List will be on file in the EUC.

NORTH COVENTRY TOWNSHIP
CHESTER COUNTY
RADIOLOGICAL EMERGENCY RESPONSE PLAN
FOR INCIDENTS AT THE
LIMERICK GENERATING STATION
IMPLEMENTING PROCEDURES

APRIL 1984

Copy Number _____

Draft 5
Rev 7/13/84

Implementing Procedure
Emergency Management Coordinator

ALERT

1. Document:

a. Date: _____

b. Time: _____

c. Source: _____

d. Details: _____

2. Notify:

a. Elected Officials

(1) Robert Saylor

Telephone

Time

_____ home
_____ office

(2) E. Kent High

_____ home
_____ office

(3) William R. Deegan

_____ home
_____ office

(4) Larry Challenger

_____ home
_____ office

(5) Kenneth J. Bickel

_____ home
_____ office

b. Key Staff

(1) Police Services Officer
or
Deputy

_____ home
_____ office
_____ home
_____ office

(2) Fire Services Officer
or
Deputy

_____ home
_____ office
_____ home
_____ office

(3) Transportation Officer
or

_____ home
_____ office

Deputy

_____ home
_____ office _____

(4) Radiological Officer
or
Deputy

_____ home
_____ office _____
_____ home
_____ office _____

Have key staff report to EOC. _____
(time)

3. Verify that the following have been notified:

Telephone Time

a. Police Department

_____ _____

b. Fire Department

_____ _____

c. Verification Message:

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

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

a. Activated _____
(time)

b. County Municipal Liaison Officer notified of EOC activation. (431-6160) _____
(time)

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

d. Establish EOC security. _____
(time)

e. Monitor EBS station WCOJ 1420 AM. _____
(time)

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

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

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

i. Log all incoming messages that provide information or require action. Post pertinent data on the status board. _____
(time)

5. Verify that the following have been notified:

Telephone Time

a. School

(1) North Coventry Elementary School
Greg Cunningham

_____ office _____

b. Verification Message:

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

6. Notify the following:

	Telephone	Time
a. Special Facilities		
(1) Coventry Mall John Roller	_____ office _____	
(2) Coventry Nursery School (9:00am-11:30am) Mrs. Charles Hartman	_____ home _____ _____ office _____	
(3) U.C.C. Camp Wilmer Swinehart	_____	

b. Message:

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

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

7. Ensure ARES operator contacts the County ARES base upon arrival at Municipal EOC. _____ (time)
8. Review remaining emergency procedures in the event of escalation.
9. Report all unmet needs to the County Municipal Liaison Officer (431-6160).
10. Maintain Alert status until notified of termination, escalation or reduction of classification.
 - a. Date: _____
 - b. Time: _____
 - c. Source: _____
 - d. Disposition
 - (1) Termination _____

(2) Escalation _____

(3) Reduction _____

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

a. Verification

(1) Police Department [redacted] _____

(2) Fire Department [redacted] _____

(3) School

(a) North Coventry Elementary School
Greg Cunningham [redacted] office _____

(4) Verification Message:

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

b. Notification

	Telephone	Time
(1) Elected Officials		
(a) Robert Saylor	[redacted] home [redacted] office	_____ _____
(b) E. Kent High	[redacted] home [redacted] office	_____ _____
(c) William R. Deegan	[redacted] home [redacted] office	_____ _____
(d) Larry Challenger	[redacted] home [redacted] office	_____ _____
(e) Kenneth J. Bickel	[redacted] home [redacted] office	_____ _____
(2) Special Facilities		
(a) Coventry Mall John Roller	[redacted] office	_____
(b) Coventry Nursery School (9:00am-11:30am) Mrs. Charles Hartman	[redacted] home [redacted] office	_____ _____

(c) U.C.C. Camp
Wilmer Swinehart



(3) Message:

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

11. Remarks/Actions Taken:

Implementing Procedure
Emergency Management Coordinator

SITE EMERGENCY

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

1. Document:


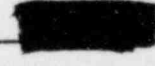
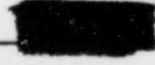




a. Date: _____

b. Time: _____

c. Source: _____

d. Details: _____

2. Notify:

	Telephone	Time
a. Elected Officials		
(1) Robert Saylor	 home office	_____ _____
(2) E. Kent High	 home office	_____ _____
(3) William R. Deeyan	 home office	_____ _____
(4) Larry Challenger	 home office	_____ _____
(5) Kenneth J. Bickel	 home office	_____ _____
b. Key Staff		
(1) Police Services Officer or Deputy	 home office home office	_____ _____ _____ _____
(2) Fire Services Officer or	 home office	_____ _____

Deputy	_____	home	_____
	_____	office	_____
(3) Transportation Officer	_____	home	_____
or	_____	office	_____
Deputy	_____	home	_____
	_____	office	_____
(4) Radiological Officer	_____	home	_____
or	_____	office	_____
Deputy	_____	home	_____
	_____	office	_____

Have key staff report to EOC. _____
(time)

3. Verify that the following have been notified:

	Telephone	Time
a. Police Department	_____	_____
b. Fire Department	_____	_____
c. Verification Message:		

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

4. Report to and activate the local Emergency Operations Center

- a. Activated _____
(time)
- b. County Municipal Liaison Officer notified of EOC activation (431-6160). _____
(time)
- c. Communications system checked for operability. _____
(time)
- d. Establish EOC security. _____
(time)
- e. Monitor EBS station WCOJ 1420 AM. _____
(time)
- f. Ensure Route Alert Teams have been mobilized as necessary.

(time)
- g. If the public alert system has been activated, notify hearing impaired. _____
(time)
- h. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched.

(time)
- i. Log all messages that provide information or require action. Post pertinent information on status board. _____
(time)

5. Have additional emergency personnel report to the EOC (for 24-hour operation), or where needed.
6. Ensure that appropriate EOC staff have placed their respective emergency workers on standby status. _____
(time)
7. Verify that the following have been notified:

	Telephone	Time
a. School		
(1) North Coventry Elementary School Greg Cunningham	[REDACTED] office	_____

b. Verification Message:

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

8. Notify the following:

	Telephone	Time
a. Special Facilities		
(1) Coventry Mall John Roller	[REDACTED] office	_____
(2) Coventry Nursery School (9:00am-11:30am) Mrs. Charles Hartman	[REDACTED] home [REDACTED] office	_____ _____
(3) U.C.C. Camp Wilmer Swinehart	[REDACTED]	_____

b. Message:

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

9. Verify Resource Availability:

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

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

11. Review road conditions with EOC staff, i.e., there is no construction or other activity which would hinder movement of personnel or vehicles

to/from the area. Ensure that the Transportation Officer and the County Public Works Officer (431-6160) are aware of any problem areas.

- (time) _____
12. Ensure ARES operator contacts the County ARES base upon arrival at the Municipal EUC. _____ (time) _____
13. Report all unmet needs to the County Municipal Liaison Officer (431-6160).
14. Review remaining emergency procedures in the event of escalation.
15. Maintain Site Emergency status until notified of termination, escalation, or reduction of classification:
- a. Date: _____
 - b. Time: _____
 - c. Source: _____
 - d. Disposition:
 - (1) Termination _____
 - (2) Escalation _____
 - (3) Reduction _____
16. If escalation, accomplish appropriate Implementing Procedure. If termination or reduction of classification, notify/verify the following:
- a. Verification:

	Telephone	Time
(1) Police Department	██████████	_____
(2) Fire Department	██████████	_____
(3) School		
(a) North Coventry Elementary School Greg Cunningham	██████████ office	_____
(4) Verification Message:		
"This is _____ (name/title) _____. I would like to verify you have been notified that the emergency at the Limerick Generating Station has been terminated/reduced to _____."		
 - b. Notification

	Telephone	Time
--	-----------	------

(1) Elected Officials

(a) Robert Saylor

 home
 office

(b) E. Kent High

 home
 office

(c) William R. Deegan

 home
 office

(d) Larry Challenger

 home
 office

(e) Kenneth J. Bickel

 home
 office

(2) Special Facilities

(a) Coventry Mall

John Roller

 office

(b) Coventry Nursery School (9:00am-11:30am)

Mrs. Charles Hartman

 home
 office

(c) U.C.C. Camp

Wilmer Swinehart

(3) Message:

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

17. Remarks/Actions Taken:

Implementing Procedure
Emergency Management Coordinator

GENERAL EMERGENCY

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

1. Document:








a. Date: _____

b. Time: _____

c. Source: _____

d. Details: _____

2. Notify:

	Telephone	Time
a. Elected Officials		
(1) Robert Saylor	 home _____ office	_____ _____
(2) E. Kent High	 home _____ office	_____ _____
(3) William R. Deegan	 home _____ office	_____ _____
(4) Larry Challenger	 home _____ office	_____ _____
(5) Kenneth J. Bickel	 home _____ office	_____ _____
b. Key Staff		
(1) Police Services Officer or Deputy	 home _____ office _____ home _____ office	_____ _____ _____ _____
(2) Fire Services Officer or	 home _____ office	_____ _____

Deputy	_____	home	_____
	_____	office	_____
(3) Transportation Officer	_____	home	_____
or	_____	office	_____
Deputy	_____	home	_____
	_____	office	_____
(4) Radiological Officer	_____	home	_____
or	_____	office	_____
Deputy	_____	home	_____
	_____	office	_____

Have key staff report to EOC. _____
 (time)

3. Verify that the following have been notified:

	Telephone	Time
a. Police Department	_____	_____
b. Fire Department	_____	_____
c. Verification Message:		

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

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

- a. Activated _____
 (time)
 - b. County Municipal Liaison Officer notified of EOC activation (431-6160). _____
 (time)
 - c. Communications system checked for operability. _____
 (time)
 - d. Establish EOC security. _____
 (time)
 - e. Monitor EBS station WCOJ 1420 AM. _____
 (time)
 - f. Ensure Route Alert Teams have been mobilized as necessary.

 (time)
 - g. Log all messages which provide information or require action. Post pertinent data on status board. _____
 (time)
5. Ensure that all necessary emergency response personnel have reported to the EOC, where needed, or to pre-assigned location. _____
 (time)

6. Verify that the following have been notified:

- | | Telephone | Time |
|---|-------------------|-------|
| a. School | | |
| (1) North Coventry Elementary School
Greg Cunningham | [redacted] office | _____ |
| b. Verification Message: | | |
| "This is _____ (name/title) _____. I would like to verify that you have been notified that a 'General Emergency' has been declared at the Limerick Generating Station. The recommended protective action is _____." | | |

7. Notify the following:

- | | Telephone | Time |
|---|--------------------------------------|----------------|
| a. Special Facilities | | |
| (1) Coventry Mall
John Roller | [redacted] office | _____ |
| (2) Coventry Nursery School (9:00am-11:30am)
Mrs. Charles Hartman | [redacted] home
[redacted] office | _____
_____ |
| (3) U.C.C. Camp
Wilmer Swinehart | [redacted] | _____ |
| b. Message: | | |
| "This is _____ (name/title) _____. A 'General Emergency' has been declared at the Limerick Generating Station. The recommended protective action is _____." | | |

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

8. Verify Resource Availability:

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

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

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

11. Ensure ARES operator contacts County ARES base upon arrival at the Municipal EOC. _____
(time)
12. Report all unmet needs to the County Municipal Liaison Officer (431-6160).
13. If sheltering is recommended:
 - a. When the public alert system has been activated, notify hearing impaired. _____
(time)
 - b. Monitor EBS station to ensure proper instructions are being given to the general population. _____
(time)
 - c. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched.

(time)
14. If evacuation is ordered:
 - a. When the public alert system has been activated, notify hearing impaired. _____
(time)
 - b. Monitor EBS station to ensure proper instructions are being given to the general public. _____
(time)
 - c. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched.

(time)
 - d. Ensure Traffic Control Points have been manned. _____
(time)
 - e. Assign sufficient emergency workers to Transportation Officer to support transportation resources, i.e., one emergency worker should be available for each vehicle used to evacuate those persons who do not have transportation. _____
(time)
 - f. Advise County Municipal Liaison Officer of any additional unmet needs (431-6160). _____
(time)
 - (1) _____
 - (2) _____
 - (3) _____
 - g. Monitor evacuation process and report any problem areas to the County Municipal Liaison Officer (431-6160). _____
(time)
 - (1) _____
 - (2) _____
 - (3) _____

15. Maintain General Emergency status until:

- a. Reduction of classification. _____
(time)
- b. Termination of emergency. _____
(time)
- c. EOC must be evacuated. _____
(time)

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

a. Verification:

	Telephone	Time
(1) Police Department	██████████	_____
(2) Fire Department	██████████	_____
(3) School		
(a) North Coventry Elementary School Greg Cunningham	██████████ office	_____

(4) Verification Message:

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

b. Notification

	Telephone	Time
(1) Elected Officials		
(a) Robert Saylor	██████████ home office	_____ _____
(b) E. Kent High	██████████ home office	_____ _____
(c) William R. Deegan	██████████ home office	_____ _____
(d) Larry Challenger	██████████ home office	_____ _____
(e) Kenneth J. Bickel	██████████ home office	_____ _____
(2) Special Facilities		
(a) Coventry Mall John Roller	██████████ office	_____

(b) Coventry Nursery School (9:00am-11:30am)

Mrs. Charles Hartman

home _____

office _____

(c) U.C.C. Camp

Wilmer Swinehart

(3) Message:

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

17. If the EOC must be evacuated:

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

b. Secure the facility and proceed to alternate EOC. _____ (time)

c. Notify Chester County Municipal Liaison Officer (431-6160) upon your arrival at alternate EOC. _____

(time)

18. Remarks/Actions Taken:

ANNEX E
Implementing Procedure
Radiological

Radiological Officer: John Ireland
Alternate: (name)

UNUSUAL EVENT

No response required.

ALERT

The Radiological Officer shall:

1. Upon notification, report to the EOC. _____
(time)
2. Inventory dosimeters/KI and prepare for distribution; complete a Receipt Form for Dosimetry - Survey Meters - KI (reference Appendix E-2). _____
(time)
3. Review remaining procedures in the event of escalation.
4. Maintain Alert status until notified of termination, escalation or reduction of classification.
5. Remarks/Action Taken:

Radiological

SITE EMERGENCY

The Radiological Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EOC. _____
(time)
 - b. Inventory dosimeters/KI and prepare for distribution; if applicable, complete a Receipt Form for Dosimetry - Survey Meters - KI (reference Appendix E-2). _____
(time)
 - c. Proceed to Step 2.
2. If escalation from Alert or if proceeding from Step 1, then:
 - a. Distribute dosimeters/KI to municipal emergency workers (reference Appendix E-1) and EOC staff; obtain a signed receipt (reference Appendix E-3). _____
(time)
 - b. Review remaining procedures in the event of escalation.
 - c. Maintain Site Emergency status until notified of termination, escalation or reduction of classification.
 - d. If termination, collect dosimeters/KI from emergency workers, inventory, and prepare for return to County EOC. _____
(time)
3. Remarks/Actions Taken:

Radiological

GENERAL EMERGENCY

The Radiological Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EOC. _____
(time)
 - b. Inventory dosimeters/KI and prepare for distribution; if applicable, complete a Receipt Form for Dosimetry - Survey Meters - KI (reference Appendix E-2). _____
(time)
 - c. Distribute dosimeters/KI to municipal emergency workers (reference Appendix E-1) and EOC staff; obtain a signed receipt (Reference, Appendix E-3) _____
(time)
 - d. Proceed to Step 2.
2. If escalation from Alert or Site Emergency, or if proceeding from Step 1, then:
 - a. Relocate to alternate EOC after population has departed.
_____ (time)
3. Upon termination of emergency, collect dosimeters/KI from emergency workers, inventory, and prepare for return to County EOC. _____ (time)
4. Remarks/Actions Taken:

BOROUGH OF PHOENIXVILLE
CHESTER COUNTY
RADIOLOGICAL EMERGENCY RESPONSE PLAN
FOR INCIDENTS AT THE
LIMERICK GENERATING STATION
IMPLEMENTING PROCEDURES

APRIL 1984

Copy Number _____

Draft 5
Rev 7/13/84

(8) Police Services
Chief: Henry Rodrique

_____ home
_____ office _____

Deputy: Donald Sees

_____ home
_____ office _____

Have key staff report to EOC. _____
(time)

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

a. Activated _____
(time)

b. County Municipal Liaison Officer notified of EOC activation (431-6160). _____
(time)

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

d. Establish EOC security. _____
(time)

e. Monitor EBS station WCOJ 1420 AM. _____
(time)

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

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

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

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

5. Report all unmet needs to the County Municipal Liaison Officer.

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

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

a. Date: _____

b. Time: _____

c. Source: _____

d. Disposition

(1) Termination _____

(2) Escalation _____

(3) Reduction _____

Deputy: Oliver Sims

home office _____

(8) Police Services
Chief: Henry Rodrique

home office _____

Deputy: Donald Sees

home office _____

Have key staff report to EOC. _____
(time)

3. Report to and activate the local Emergency Operations Center
 - a. Activated _____
(time)
 - b. County Municipal Liaison Officer notified of EOC activation. _____
(time)
 - c. Communications system checked or operability. _____
(time)
 - d. Establish EOC security. _____
(time)
 - e. Monitor EBS station WCOJ 1420. _____
(time)
 - f. Ensure Route Alert Teams have been mobilized as necessary.

(time)
 - g. If the public alert system has been activated, notify hearing impaired. _____
(time)
 - h. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched.

(time)
 - i. Log all messages that provide information or require action. Post pertinent data on status board.
4. Have additional emergency personnel report to the EOC (for 24-hour operation), or where needed. _____
(time)
5. Ensure that appropriate EOC staff have placed their respective emergency workers on standby status. _____
(time)
6. Verify Resource Availability:
Ensure appropriate EOC staff have reviewed their respective resource inventories and have reported deficiencies to their respective counterparts in the County EOC; for example, the municipal Transportation Officer contacts the County Transportation Officer. _____
(time)
7. Ensure Radiological Officer has distributed dosimeters/KI to emergency workers. _____
(time)

8. Review road conditions with EOC staff, i.e., there is no construction or other activity which would hinder movement of personnel or vehicles to/from the area. Ensure that the Transportation Officer and the County Public Works Officer (431-6160) are aware of any problem areas.

_____ (time)

9. Report all unmet needs to the County Municipal Liaison Officer.

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

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

a. Date: _____

b. Time: _____

c. Source: _____

d. Disposition:

(1) Termination _____

(2) Escalation _____

(3) Reduction _____

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

	Telephone	Time
a. Elected Officials		
(1) Robert M. Gray, Mayor	_____ home _____ office	_____ _____
(2) Mrs. Bonnie R. August Council President	_____ home _____ office	_____ _____
(3) Ms. Helen M. Rambo Vice President	_____ home _____ office	_____ _____
(4) Theodore Beluch	_____ home _____ office	_____ _____
(5) John Fedora	_____ home _____ office	_____ _____
(6) Owen J. Scanlin	_____ home _____ office	_____ _____
(7) Loren Griffith	_____ home _____ office	_____ _____

- (8) Michael Basca _____ home
_____ office _____
- (9) John P. Horenci, Jr. _____ home
_____ office _____
- (10) Joseph A. Fabian _____ home
_____ office _____
- (11) Robert J. Gray _____ home
_____ office _____
- (12) Alexander Kovach _____ home
_____ office _____
- (13) Robert W. Mark _____ home
_____ office _____

b. Message:

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

13. Remarks/Actions Taken:

Deputy: Oliver Sims

_____ home _____
_____ office _____

(8) Police Services
Chief: Henry Rodrique

_____ home _____
_____ office _____

Deputy: Donald Sees

_____ home _____
_____ office _____

Have key staff report to EOC. _____
(time)

3. Report to and activate the local Emergency Operations Center.
 - a. Activated _____
(time)
 - b. County Municipal Liaison Officer notified of EOC activation (431-6160). _____
(time)
 - c. Communications system checked for operability. _____
(time)
 - d. Establish EOC security. _____
(time)
 - e. Monitor EBS station WCOJ 1420 AM. _____
(time)
 - f. Ensure Route Alert Teams have been mobilized as necessary.

(time)
 - g. Log all messages which provide information or require action. Post pertinent data on status board.
4. Ensure that all necessary emergency response personnel have reported to the EOC, where needed, or to pre-assigned location. _____
(time)
5. Verify Resource Availability:

Ensure appropriate EOC staff have reviewed their respective resource inventories and have reported deficiencies to their respective counterparts in the County EOC; for example, the municipal Transportation Officer contacts County Transportation Officer. _____
(time)
6. Ensure Radiological Officer has distributed dosimeters/KI to emergency workers and EOC staff. _____
(time)
7. Review road conditions with EOC staff, i.e., there is no construction or other activity which would hinder movement of personnel or vehicles to/from the area. Ensure that the Transportation Officer and the County Public Works Officer (431-6160) are aware of any problem areas.

(time)
8. Report all unmet needs to the Municipal Liaison Officer.
9. If sheltering is recommended:

- a. When the public alert system was activated, notify hearing impaired. _____
(time)
 - b. Monitor EBS station to ensure proper instructions are being given to the general population. _____
(time)
 - c. Ensure that Fire Department personnel have activated route alerting plan, if required. _____
(time)
10. If evacuation is ordered:
- a. When the public alert system has been activated, notify hearing impaired. _____
(time)
 - b. Monitor EBS station to ensure proper instructions are being given to the general public. _____
(time)
 - c. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched. _____
(time)
 - d. Ensure Traffic Control Points are manned. _____
(time)
 - e. Assign sufficient emergency workers to Transportation Officer to support transportation resources, i.e., one emergency worker should be available for each vehicle used to evacuate those persons who do not have transportation. _____
(time)
 - f. Advise County Municipal Liaison Officer of any additional unmet needs (431-6160). _____
(time)
 - (1) _____
 - (2) _____
 - (3) _____
 - g. Monitor evacuation process and report any problem areas to the County Municipal Liaison Officer (431-6160). _____
(time)
 - (1) _____
 - (2) _____
 - (3) _____
11. Maintain General Emergency status until:
- a. Reduction of classification. _____
(time)
 - b. Termination of emergency. _____
(time)
 - c. EOC must be evacuated. _____
(time)

12. If reduction of classification or termination of emergency, notify the following:

	Telephone	Time
a. Elected Officials		
(1) Robert M. Gray, Mayor	_____ home _____ office	_____ _____
(2) Mrs. Bonnie R. August Council President	_____ home _____ office	_____ _____
(3) Ms. Helen M. Rambo Vice President	_____ home _____ office	_____ _____
(4) Theodore Beluch	_____ home _____ office	_____ _____
(5) John Fedora	_____ home _____ office	_____ _____
(6) Owen J. Scanlin	_____ home _____ office	_____ _____
(7) Loren Griffith	_____ home _____ office	_____ _____
(8) Michael Basca	_____ home _____ office	_____ _____
(9) John P. Horenci, Jr.	_____ home _____ office	_____ _____
(10) Joseph A. Fabian	_____ home _____ office	_____ _____
(11) Robert J. Gray	_____ home _____ office	_____ _____
(12) Alexander Kovach	_____ home _____ office	_____ _____
(13) Robert W. Mark	_____ home _____ office	_____ _____

b. Message:

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

13. If the EOC must be evacuated:

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

- b. Secure the facility and proceed to alternate EOC. _____
(time)
- c. Notify Chester County Municipal Liaison Officer upon your arrival at
alternate EOC. _____
(time)

14. Remarks/Actions Taken:

ROUTE ALERTING TEAMS

I. GENERAL

- A. Borough of Phoenixville is divided into 10 Sectors.
- B. Each Sector is assigned a Route Alert Team (reference Attachment 1).
- C. Two (2) persons should be assigned to each team.

II. PURPOSE

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

III. PROCEDURES

- A. When dispatched by Chester County Communications, commence route alerting in designated sectors (reference Attachment 2).
- B. Route Alerting is accomplished by driving slowly along designated roads, periodically activating the vehicle siren and making the following announcement on the PA system:

"There is an emergency at the Limerick Generating Station; please tune to your EBS station WCOJ 1420 AM."

C. Upon completion of route, notify Chester County Communications and return to station.

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

Sector No. 6 Alert Team: _____ Fire Department

Leader: _____

Assistant: _____

Transient Location(s): _____ (TBD)

Hearing Impaired: List will be on file in the EOC.

Sector No. 7 Alert Team: _____ Fire Department

Leader: _____

Assistant: _____

Transient Location(s): _____ (TBD)

Hearing Impaired: List will be on file in the EOC.

Sector No. 8 Alert Team: _____ Fire Department

Leader: _____

Assistant: _____

Transient Location(s): _____ (TBD)

Hearing Impaired: List will be on file in the EOC.

Sector No. 9 Alert Team: _____ Fire Department

Leader: _____

Assistant: _____

Transient Location(s): _____ (TBD)

Hearing Impaired: List will be on file in the EOC.

Sector No. 10 Alert Team: _____ Fire Department

Leader: _____

Assistant: _____

Transient Location(s): _____ (TBD)

Hearing Impaired: List will be on file in the EOC.

ANNEX H

Implementing Procedure

Radiological

Radiological Officer: William Ravis
Alternate: Donna Moetsch, R.T.

UNUSUAL EVENT

No response required.

ALERT

The Radiological Officer shall:

1. Upon notification, report to the EOC. _____
(time)
2. Inventory dosimeters/KI, prepare for distribution; complete a Receipt Form for Dosimetry-Survey Meters-KI. (reference Appendix H-2). _____
(time)
3. Review remaining procedures in the event of escalation.
4. Maintain Alert status until notified of termination, escalation, or reduction of classification.
5. Remarks/Action Taken:

Radiological

SITE EMERGENCY

The Radiological Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EOC. _____
(time)
 - b. Inventory dosimeters/KI and prepare for distribution; if applicable, complete a Receipt Form for Dosimetry-Survey Meters-KI. (reference Appendix H-2). _____
(time)
 - c. Proceed to Step 2.
2. If escalation from Alert or if proceeding from Step 1, then:
 - a. Distribute dosimeters/KI to municipal emergency workers and EOC Staff (reference Appendix H-1); obtain a signed receipt (reference Appendix H-3). _____
(time)
 - b. Review remaining procedures in the event of escalation.
 - c. Maintain Site Emergency status until notified of termination, escalation or reduction of classification.
3. If termination, collect dosimeters/KI from emergency workers, inventory, and prepare for return to County EOC. _____
(time)
4. Remarks/Actions Taken:

Radiological

GENERAL EMERGENCY

The Radiological Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EOC. _____
(time)
 - b. Inventory dosimeters/KI and prepare for distribution; complete a Receipt Form for Dosimetry - Survey Meters - KI (reference Appendix H-2). _____
(time)
 - c. Distribute dosimeters/KI to municipal emergency workers (reference Appendix H-1) and EOC staff; obtain a signed receipt (reference Appendix H-3). _____
(time)
 - d. Proceed to Step 2.
2. If escalation from Alert or Site Emergency, or if proceeding from Step 1, then:
 - a. Relocate to alternate EOC after population has departed.

(time)
 - b. Upon termination of emergency, collect dosimeters/KI from emergency workers, inventory, and prepare for return to County EOC.

(time)
3. Remarks/Actions Taken:

ANNEX I
Implementing Procedure
Public Relations

Information Officer: _____
Alternate: _____

UNUSUAL EVENT

No response necessary unless police services are required at the Limerick Generating Station.

ALERT

1. Upon notification, report to the EOC. _____
(time)
2. Verify the following have been notified:

a. Police Department		Telephone 933-1180	Time _____
b. Fire Departments			
(1) Phoenix Hose, Hook & Ladder Company #1		_____	_____
(2) Friendship Fire Company #2		[REDACTED]	_____
(3) West End Fire Company #3		[REDACTED]	_____
c. Ambulance Service		[REDACTED]	_____
d. Schools		Telephone	Time
(1) Phoenixville Senior High School	Vincent G. Daher Principal	[REDACTED]	_____
(2) Phoenixville Junior High School	David Stewart Principal	[REDACTED]	_____
(3) Barkley Elementary School	Joseph Dougherty Principal	[REDACTED]	_____
(4) Second Avenue Elem. School	Joseph Dougherty Principal	[REDACTED]	_____
(5) St. Ann School	Sis. Maria Auxilia Principal	[REDACTED]	_____

- (6) St. Mary of the Assumption Sis. John Louise Principal [redacted] _____
- (7) Holy Trinity School Sis. Mary Damian Principal [redacted] _____
- e. Hospital
- (1) Phoenixville Hospital [redacted] _____
- f. Nursing Home
- (1) Phoenixville Manor [redacted] _____
- g. Major Industries
- (1) Phoenix Steel Corp. [redacted] office _____
- (2) West Co. [redacted] office _____
- (3) SCM Products [redacted] office _____
- (4) A. P. Deno _____ office _____
- (5) Budd Co. [redacted] office _____
- (6) Leighton Industries [redacted] office _____
- (7) Danco Tool [redacted] office _____
- (8) Kimberton Kit Co. [redacted] office _____
- (9) Bachman Co. [redacted] office _____
- (10) Randolph Industries [redacted] office _____
- (11) Handi-Crafters [redacted] office _____

h. Verification Message:

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

3. Notify the following:

a. Special Facilities

Phoenixville Senior Citizens Center Elaine Smith [redacted]
 Donna Baker [redacted]
 King Terrace Nursing Home
 Contact: Chester County Housing Authority
 Fred Brown [redacted]

b. Message

This is _____ (Name/Title) . An incident classification of "Alert" has been declared at the Limerick Generating Station." Note: This is provided for information purposes only. No actions are normally required.

4. Review remaining emergency procedures in the events of escalation.
5. Maintain Alert status until notified of termination, escalation or reduction of classification.
6. If escalation, accomplish appropriate Implementing Procedure. If termination or reduction of classification, verify/notify the following:

a. Verification

		Telephone	Time
(1) Police Department		██████████	_____
(2) Fire Departments			
(a) Phoenix Hose, Hook & Ladder Company #1		_____	_____
(b) Friendship Fire Company #2		██████████	_____
(c) West End Fire Company #3		██████████	_____
(3) Ambulance Service		██████████	_____
(4) Schools			
(a) Phoenixville Senior High School	Vincent G. Daher Principal	██████████	_____
(b) Phoenixville Junior High School	David Stewart Principal	██████████	_____
(c) Barkley Elementary School	Joseph Dougherty Principal	██████████	_____
(d) Second Avenue Elem. School	Joseph Dougherty Principal	██████████	_____
(e) St. Ann School	Sis. Maria Auxilia Principal	██████████	_____
(f) St. Mary of the Assumption	Sis. John Louise Principal	██████████	_____
(g) Holy Trinity School	Sis. Mary Damian Principal	██████████	_____

- (5) Hospital
 - (a) Phoenixville Hospital [redacted] _____
- (6) Nursing Home
 - (a) Phoenixville Manor [redacted] _____
- (7) Major Industries
 - (a) Phoenix Steel Corp. [redacted] office _____
 - (b) West Co. [redacted] office _____
 - (c) SCM Products [redacted] office _____
 - (d) A. P. Deno _____ office _____
 - (e) Budd Co. [redacted] office _____
 - (f) Leighton Industries [redacted] office _____
 - (g) Danco Tool [redacted] office _____
 - (h) Kimberton Kit Co. [redacted] office _____
 - (i) Bachman Co. [redacted] office _____
 - (j) Randolph Industries [redacted] office _____
 - (k) Handi-Crafters [redacted] office _____

(8) Verification Message:

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

a. Notification

(1) Special Facilities

- (a) Phoenixville Senior Citizens Center
 - Elaine Smith [redacted]
 - Donna Baker [redacted]
- (b) King Terrace Nursing Home
 - Contact: Chester County Housing Authority
 - Fred Brown [redacted]

- (y) Holy Trinity School
Sis. Mary Damian
Principal [REDACTED] _____
- (5) Hospital
 - (a) Phoenixville Hospital [REDACTED] _____
- (6) Nursing Home
 - (a) Phoenixville Manor [REDACTED] _____
- (7) Major Industries
 - (a) Phoenix Steel Corp. [REDACTED] office _____
 - (b) West Co. [REDACTED] office _____
 - (c) SCM Products [REDACTED] office _____
 - (d) A. P. Deno _____ office _____
 - (e) Budd Co. [REDACTED] office _____
 - (f) Leighton Industries [REDACTED] office _____
 - (g) Danco Tool [REDACTED] office _____
 - (h) Kimberton Kit Co. [REDACTED] office _____
 - (i) Bachman Co. [REDACTED] office _____
 - (j) Randolph Industries [REDACTED] office _____
 - (k) Handi-Crafters [REDACTED] office _____
- (8) Verification Message:

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

c. Proceed to Step 3.

2. Notify the Following:

a. Special Facilities

Phoenixville Senior Citizens Center
King Terrace Nursing Home

Elaine Smith
Donna Baker



Contact: Chester County Housing Authority
Fred Brown [REDACTED]

b. Message

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

3. If escalation from Alert or it proceeding from Step 1, then:

- a. Review remaining emergency procedures in the event of escalation.
- b. Maintain Site Emergency Status until notified of termination, escalation or reduction of classification.
- c. If escalation, accomplish appropriate Implementing Procedure. If termination or reduction of classification, verify/notify the following:

(1) Verification

	Telephone	Time
(a) Police Department	[REDACTED]	_____
(b) Fire Departments		
(1) Phoenix Hose, Hook & Ladder Co. #1	_____	_____
(2) Friendship Fire Company #2	[REDACTED]	_____
(3) West End Fire Company #3	[REDACTED]	_____
(c) Ambulance Service	[REDACTED]	_____
(d) Schools		
(1) Phoenixville Senior High School Vincent G. Daher Principal	[REDACTED]	_____
(2) Phoenixville Junior High School David Stewart Principal	[REDACTED]	_____
(3) Barkley Elementary School Joseph Dougherty Principal	[REDACTED]	_____
(4) Second Avenue Elem. School Joseph Dougherty Principal	[REDACTED]	_____
(5) St. Ann School		

- Sis. Maria Auxilia Principal [redacted] _____
- (6) St. Mary of the Assumption
Sis. John Louise Principal [redacted] _____
- (7) Holy Trinity School
Sis. Mary Damian Principal [redacted] _____
- (e) Hospital
 - (1) Phoenixville Hospital [redacted] _____
- (f) Nursing Home
 - (1) Phoenixville Manor [redacted] _____
- (g) Major Industries
 - (1) Phoenix Steel Corp. [redacted] office _____
 - (2) West Co. [redacted] office _____
 - (3) SCM Products [redacted] office _____
 - (4) A. P. Deno _____ office _____
 - (5) Budd Co. [redacted] office _____
 - (6) Leighton Industries [redacted] office _____
 - (7) Danco Tool [redacted] office _____
 - (8) Kimberton Kit Co. [redacted] office _____
 - (9) Bachman Co. [redacted] office _____
 - (10) Randolph Industries [redacted] office _____
 - (11) Handi-Crafters [redacted] office _____

(h) Verification Message:

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

(2) Notification

(a) Special Facilities

- (1) Phoenixville Senior Citizens Center
Elaine Smith [REDACTED]
Donna Baker [REDACTED]
- (2) King Terrace Nursing Home
Contact: Chester County Housing Authority
Fred Brown [REDACTED]

(b) Message

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

4. Remarks/Actions Taken

Public Relations

GENERAL EMERGENCY

The Information Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EUC. _____
(time)
 - b. Verify the following have been notified:

	Telephone	Time
(1) Police Department	██████████	_____
(2) Fire Departments		
(a) Phoenix Hose, Hook & Ladder Co. #1	_____	_____
(b) Friendship Fire Company #2	██████████	_____
(c) West End Fire Company #3	██████████	_____
(3) Ambulance Service	██████████	_____
(4) Schools		
(a) Phoenixville Senior High School Vincent G. Daher Principal	██████████	_____
(b) Phoenixville Junior David Stewart Principal	██████████	_____
(c) Barkley Elementary School Joseph Dougherty Principal	██████████	_____
(d) Second Avenue Elem. School Joseph Dougherty Principal	██████████	_____
(e) St. Ann School Sis. Maria Auxilia Principal	██████████	_____
(f) St. Mary of the Assumption Sis. John Louise Principal	██████████	_____

- (j) Holy Trinity School
Sis. Mary Damian
Principal [REDACTED] _____
- (5) Hospital
 - (a) Phoenixville Hospital [REDACTED] _____
- (6) Nursing Home
 - (a) Phoenixville Manor [REDACTED] _____
- (7) Major Industries
 - (a) Phoenix Steel Corp. [REDACTED] office _____
 - (b) West Co. [REDACTED] office _____
 - (c) SCM Products [REDACTED] office _____
 - (d) A. P. Deno _____ office _____
 - (e) Budd Co. [REDACTED] office _____
 - (f) Leighton Industries [REDACTED] office _____
 - (g) Danco Tool [REDACTED] office _____
 - (h) Kimberton Kit Co. [REDACTED] office _____
 - (i) Bachman Co. [REDACTED] office _____
 - (j) Randolph Industries [REDACTED] office _____
 - (k) Handi-Crafters [REDACTED] office _____
- (8) Verification Message:

"This is _____ (name) _____, Information Officer. I would like to verify that you have been notified that an incident classification of "General Emergency" has been declared at the Limerick Generating Station."

c. Proceed to Step 3.

2. Notify the Following:

a. Special Facilities

Phoenixville Senior Citizens Center
King Terrace Nursing Home

Elaine Smith
Donna Baker [REDACTED]

Contact: Chester County Housing Authority
Fred Brown [REDACTED]

b. Message

"This is _____ (name) Information Officer. An incident classification of 'General Emergency' has been declared at the Limerick Generating Station." (Provide appropriate instructions).

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

a. If recommended protective action is evacuation:

(1) Relocate to alternate EOC after population has departed.

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

(1) Verification

	Telephone	Time
(a) Police Department	[REDACTED]	_____
(b) Fire Departments		
(1) Phoenix Hose, Hook & Ladder Co. #1	_____	_____
(2) Friendship Fire Company #2	[REDACTED]	_____
(3) West End Fire Company #3	[REDACTED]	_____
(c) Ambulance Service	[REDACTED]	_____
(d) Schools		
(1) Phoenixville Senior High School Vincent G. Daher Principal	[REDACTED]	_____
(2) Phoenixville Junior High School David Stewart Principal	[REDACTED]	_____
(3) Barkley Elementary School Joseph Dougherty Principal	[REDACTED]	_____
(4) Second Avenue Elem. School Joseph Dougherty Principal	[REDACTED]	_____
(5) St. Ann School Sis. Maria Auxilia Principal	[REDACTED]	_____

- (6) St. Mary of the Assumption
Sis. John Louise
Principal [REDACTED] _____
- (7) Holy Trinity School
Sis. Mary Damian
Principal [REDACTED] _____
- (e) Hospital
 - (1) Phoenixville Hospital [REDACTED] _____
- (f) Nursing Home
 - (1) Phoenixville Manor [REDACTED] _____
- (g) Major Industries
 - (1) Phoenix Steel Corp. [REDACTED] office _____
 - (2) West Co. [REDACTED] office _____
 - (3) SCM Products [REDACTED] office _____
 - (4) A. P. Deno _____ office _____
 - (5) Budd Co. [REDACTED] office _____
 - (6) Leighton Industries [REDACTED] office _____
 - (7) Danco Tool [REDACTED] office _____
 - (8) Kimberton Kit Co. [REDACTED] office _____
 - (9) Bachman Co. [REDACTED] office _____
 - (10) Randolph Industries [REDACTED] office _____
 - (11) Handi-Crafters [REDACTED] office _____

(h) Verification Message:

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

(2) Notification

(a) Special Facilities

- (1) Phoenixville Senior Citizens Center
Elaine Smith [REDACTED]

Donna Baker [REDACTED]
(2) King Terrace Nursing Home
Contact: Chester County Housing Authority
Fred Brown [REDACTED]

(b) Message

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

3. Remarks/Actions Taken

SCHUYLKILL TOWNSHIP
CHESTER COUNTY
RADIOLOGICAL EMERGENCY RESPONSE PLAN
FOR INCIDENTS AT THE
LIMERICK GENERATING STATION
IMPLEMENTING PROCEDURES

APRIL 1984

Copy Number _____

Draft 5

ANNEX A

Implementing Procedure

Emergency Management Coordinator*

Emergency Management Coordinator: Norman Vutz
Alternate: Herman A John

UNUSUAL EVENT

1. If notified, document:

a. Date: _____

b. Time: _____

c. Source: _____

d. Details: _____


e. Actions Recommended: _____

f. Actions Taken: _____

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

Have key staff report to EOC. _____
(time)

3. Verify that the following have been notified:

	Telephone	Time
a. Police Department	_____	_____
b. Valley Forge Fire Department		_____
c. Verification Message:		

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

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


- a. Activated _____
(time)
- b. County Municipal Liaison Officer notified of EOC activation. (431-6160) _____
(time)
- c. Check communication systems for operability. _____
(time)
- d. Establish EOC security. _____
(time)
- e. Monitor EBS station WCOJ 1420 AM. _____
(time)
- f. Ensure Route Alert Teams have been mobilized as necessary.

(time)
- g. If public alert system has been activated, notify hearing impaired. _____
(time)
- h. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched.

(time)
- i. Verify the County has assigned an ARES unit to the Township EOC.

(time)
- j. Log all incoming messages that provide information or require a response. Post pertinent data on status board.

5. Verify that the following have been notified:

	Telephone	Time
a. Schools		
(1) Schuylkill Township Elementary	Frank Orlando, Principa!  office	_____

- (2) Phoenixville Area Junior High David Stewart, Principal [redacted] office _____
- (3) Northern Chester Co. Vo./Tech. School Robert Zimmerman Director [redacted] office _____
- (4) Valley Forge Christian Academy Scott Nason Administrator [redacted] office _____

b. Major Industries

- (1) American Inks and Coating Corp. David Smith _____ home _____ office _____
- (2) McAvoy Vitrified Brick Company R. Kimbel Colket [redacted] home _____ office _____
- (3) West Company _____ home _____ office _____

c. Verification Message:

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

6. Notify the following:

a. Special Facilities

- (1) YMCA Baker Park _____ _____ home _____ office _____

b. Message:

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

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


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

8. Report all unmet needs to the County Municipal Liaison Officer (431-6160) _____ (time)

- 9. Review remaining emergency procedures in the event of escalation.
- 10. Maintain Alert status until notified of termination, escalation or reduction of classification:
 - a. Date: _____
 - b. Time: _____
 - c. Source: _____
 - d. Disposition
 - (1) Termination _____
 - (2) Escalation _____
 - (3) Reduction _____
- 11. If escalation, accomplish appropriate Implementing Procedure. If termination or reduction of classification, verify/notify the following:

a. Verification:

	Telephone	Time
(1) Police Department	_____	_____
(2) Valley Forge Fire Department		_____
(3) Schools		
(a) Schuylkill Township		
Elementary	Frank Orlando, Principal	office _____
(b) Phoenixville Area		
Junior High	David Stewart, Principal	office _____
(c) Northern Chester Co.		
Vo./Tech. Sch.	Robert Zimmerman Director	office _____
(d) Valley Forge	Scott Nason	office _____
Christian Academy	Adm.	
(4) Major Industries		
(a) American Inks and Coating Corp.		
David Smith	_____	home _____
	_____	office _____






(b) McAvoy Vitrified Brick Company
 R. Kimbel Colket  home _____
 office _____

(c) West Company _____ home _____
 office _____

(5) Verification Message:

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

b. Notification:

	Telephone	Time
(1) Elected Officials		
Herman A. John	 home _____ office _____	_____
Lawrence Drake	 home _____	_____
R. Kimbel Colket	 home _____ office _____	_____
Norman Vutz	 home _____ office _____	_____
Edward Stoeber	 home _____ office _____	_____
(2) Special Facilities		
(a) YMCA Baker Park	_____	home _____ office _____

(3) Message:


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

12. Remarks/Actions Taken:

(3) Transportation Officer _____ home _____
 _____ office _____
 or _____ home _____
 Deputy _____ office _____

Have key staff report to EUC. _____
 (time)

3. Verify that the following have been notified:

	Telephone	Time
a. Police Department	_____	_____
b. Valley Forge Fire Department		_____
c. Verification Message:		

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

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

- a. Activated _____
 (time)
 - b. County Municipal Liaison Officer notified of EOC activation. (431-6160) _____
 (time)
 - c. Communications system checked for operability. _____
 (time)
 - d. Establish EOC security. _____
 (time)
 - e. Monitor EBS station WCOJ 1420 AM. _____
 (time)
 - f. Ensure Route Alert Teams have been mobilized as necessary.

 (time)
 - g. If the public alert system has been activated, notify hearing impaired. _____
 (time)
 - h. Verify the County has assigned an ARES unit to the Township EOC.

 (time)
 - i. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched.
 - j. Log all incoming messages that provide information or require a response. Post all pertinent data on status board.
5. Have additional emergency personnel report to the EOC (for 24-hour operation), or where needed. _____
 (time)

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

7. Verify that the following have been notified:

		Telephone	Time
a. Public/Parochial Schools			
(1) Schuylkill Township Elementary	Frank Orlando, Principal	_____ office	_____
(2) Phoenixville Area Junior High	David Stewart, Principal	_____ office	_____
(3) Northern Chester Co. Vo./Tech. Sch.	Robert Zimmerman Director	_____ office	_____
(4) Valley Forge Christian Academy	Scott Nason Adm.	_____ office	_____

b. Major Industries

(1) American Inks and Coating Corp.	David Smith	_____ home _____ office	_____
(2) McAvoy Vitrified Brick Company	R. Kimbel Colket	_____ home _____ office	_____
(3) West Company		_____ home _____ office	_____

c. Verification Message:

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

8. Notify the following:

		Telephone	Time
a. Special Facilities			
(1) YMCA Baker Park	_____	_____ home _____ office	_____

b. Message:

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

9. Verify Resource Availability:

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

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

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

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

13. Report all unmet needs to the County Municipal Liaison Officer (431-6160) _____
(time)

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

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

a. Date: _____

b. Time: _____

c. Source: _____

d. Disposition:

(1) Termination _____

(2) Escalation _____

(3) Reduction _____

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

a. Verification:

	Telephone	Time
(1) Police Department	_____	_____
(2) Valley Forge Fire Department	_____	_____
(3) Public/Parochial Schools	_____	_____

(a) Schuylkill Township

Elementary

Frank Orlando,
Principal

[redacted] office

(b) Phoenixville Area

Junior High

David Stewart,
Principal

[redacted] office

(c) Northern Chester Co.

Vo./Tech. Sch.

Robert Zimmerman
Director

[redacted] office

(d) Valley Forge

Christian Academy

Scott Nason
Adm.

[redacted] office

(4) Major Industries

(a) American Inks and Coating Corp.

David Smith

_____ home

_____ office

(b) McAvoy Vittrified Brick Company

R. Kimbel Colket

[redacted] home

[redacted] office

(c) West Company

_____ home

_____ office

(5) Verification Message:

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

b. Notification

(1) Elected Officials

Herman A. John

Telephone

Time

[redacted] home
[redacted] office

Lawrence Drake

[redacted] home

R. Kimbel Colket

[redacted] home
[redacted] office

Norman Vutz

[redacted] home
[redacted] office

Edward Stoeber

[redacted] home
[redacted] office

(2) Special Facilities

(a) YMCA Baker Park _____

home
office _____

(3) Message:

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

17. Remarks/Actions Taken: _____

(3) Transportation Officer _____ home _____
 _____ office _____
 or _____ home _____
 Deputy _____ office _____

Have key staff report to EOC. _____
 (time)

3. Verify that the following have been notified:

	Telephone	Time
a. Police Department	_____	_____
b. Valley Forge Fire Department	██████████	_____
c. Verification Message:		

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

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

- a. Activated _____
 (time)
- b. County Municipal Officer notified of EOC activation. (431-6160) _____
 (time)
- c. Communications system checked for operability. _____
 (time)
- d. Establish EOC security. _____
 (time)
- e. Monitor EBS station WCOJ 1420 AM. _____
 (time)
- f. Ensure Route Alert Teams have been mobilized as necessary.

 (time)
- g. Verify the County has assigned an ARES unit to the Township EOC.

 (time)
- h. Log all incoming messages that provide information or require a response. Post all pertinent data on status board.

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

6. Verify that the following have been notified:

	Telephone	Time
a. Public/Parochial Schools		
(1) Schuylkill Township		
Elementary	Frank Urlando, Principal	██████████ office _____

- (2) Phoenixville Area
 David Stewart, [redacted] office _____
 Junior High Principal
- (3) Northern Chester Co.
 Robert Zimmerman [redacted] office _____
 Vo./Tech. Sch. Director
- (4) Valley Forge
 Scott Nason [redacted] office _____
 Christian Academy Adm.

b. Major Industries

- (1) American Inks and Coating Corp. David Smith _____ home _____ office _____
- (2) McAvoy Vitrified Brick Company R. Kimbel Colket [redacted] home _____ office _____
- (3) West Company _____ home _____ office _____

c. Verification Message:

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

7. Notify the following:

- | | Telephone | Time |
|-----------------------|-----------|-------------------------------|
| a. Special Facilities | | |
| (1) YMCA Baker Park | _____ | _____ home _____ office _____ |

b. Message:

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

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

8. Verify Resource Availability:

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

9. Ensure Fire Services Officer has distributed dosimeters/KI to emergency workers. _____
(time)
10. Review road conditions with EOC staff, i.e., there is no construction or other activity which would hinder movement of personnel or vehicles to/from the area. Ensure that the Transportation Officer and the County are aware of any problem areas. _____
(time)
11. Ensure ARES operator contacts the County ARES base upon arrival at the Township EOC. _____
(time)
12. Report all unmet needs to the County Municipal Liaison Officer (431-6160) _____
(time)
13. If sheltering is recommended:
 - a. When the public alert system has been activated, notify hearing impaired. _____
(time)
 - b. Monitor EBS station to ensure proper instructions are being given to the general population. _____
(time)
 - c. In the event of siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched. _____
(time)
14. If evacuation is ordered:
 - a. When the public alert system has been activated, notify hearing impaired. _____
(time)
 - b. Monitor EBS station to ensure proper instructions are being given to the general public. _____
(time)
 - c. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched. _____
(time)
 - d. Ensure Traffic Control Points have been manned. _____
(time)
 - e. Assign sufficient emergency workers to Transportation Officer to support transportation resources, i.e., one emergency worker should be available for each vehicle used to evacuate those persons who do not have transportation. _____
(time)
 - f. Advise County Municipal Liaison officer of any additional unmet needs. _____
(time)
 - (1) _____
 - (2) _____
 - (3) _____

g. Monitor evacuation process and report any problem areas to the County Municipal Liaison Officer. _____

(time)

(1) _____

(2) _____

(3) _____

15. Maintain General Emergency status until:

a. Reduction of classification. _____

(time)

b. Termination of emergency. _____

(time)

c. EOC must be evacuated. _____

(time)

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

a. Verification:

	Telephone	Time
(1) Police Department	_____	_____
(2) Valley Forge Fire Department	_____	_____
(3) Public/Parochial Schools		
(a) Schuylkill Township		
Elementary	Frank Orlando, Principal	_____ office _____
(b) Phoenixville Area		
Junior High	David Stewart, Principal	_____ office _____
(c) Northern Chester Co.		
Vo./Tech. Sch.	Robert Zimmerman, Director	_____ office _____
(d) Valley Forge Christian Academy	Scott Nason, Adm.	_____ office _____
(4) Major Industries		
(a) American Inks and Coating Corp.		
David Smith	_____ home _____	_____ office _____
(b) McAvoy Vitrified Brick Company		
R. Kimbel Colket	_____ home _____	_____ office _____

(c) West Company

_____ home
_____ office _____

(5) Verification Message:

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

b. Notification

	Telephone	Time
(1) Elected Officials		
Herman A. John	_____ home _____ office	_____
Lawrence Drake	_____ home	_____
R. Kimbel Colket	_____ home _____ office	_____
Norman Vutz	_____ home _____ office	_____
Edward Stoeber	_____ home _____ office	_____

(2) Special Facilities

(a) YMCA Baker Park _____ home
_____ office _____

(3) Message:

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

17. If the EOC must be evacuated:

- a. If possible, wait until the municipality has been evacuated before leaving the EOC.
- b. Secure the facility and proceed to alternate EOC.
- c. Notify Chester County Municipal Liaison Officer upon your arrival at alternate EOC. _____ (time)

18. Remarks/Actions Taken:

ANNEX C

Implementing Procedure

Fire Services*

Fire Services Officer: Albert McIntyre
Alternate: (name)

UNUSUAL EVENT

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

ALERT

The Fire Services Officer shall:

1. Upon request of Emergency Management Coordinator, report to the EOC.
_____ (time)
2. Ensure that normal fire protection services are maintained.
3. If required, ensure mobilization of sufficient personnel to meet Route Alert Team requirements and make assignments to vehicles (reference, Appendix C-2). _____ (time)
4. Inventory dosimeters/KI and prepare for distribution; complete a Receipt Form for Dosimetry-Survey Meters-KI (reference Appendix C-5). _____ (time)
5. Review remaining emergency procedures in the event of escalation.
6. Maintain Alert status until notified of termination, escalation or reduction of classification.
7. Remarks/Actions Taken:

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

Fire Services

SITE EMERGENCY

The Fire Services Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EUC. _____
(time)
 - b. Ensure normal fire protection services are maintained.
 - c. Inventory dosimeters/KI and prepare for distribution; if applicable, complete a Receipt Form for Dosimetry-Survey Meters-KI (reference Appendix C-5). _____
(time)
 - d. If required, ensure mobilization of sufficient personnel to meet Route Alert Team requirements and make assignments to vehicles (reference Appendix C-2). _____
(time)
 - e. Proceed to Step 2.
2. If escalation from Alert, or if proceeding from Step 1, then:
 - a. Mobilize additional personnel as necessary and have them report to fire station (reference Appendix C-1). _____
(time)
 - b. Distribute dosimeters/KI to municipal emergency workers and EOC staff (reference Appendix C-4); obtain a signed receipt (reference Appendix C-6). _____
(time)
 - c. Review personnel/equipment inventory (reference Appendix C-1), verify availability, and report unmet needs to County EOC, Fire Services at 431-6160. _____
(time)
 - d. Review remaining emergency procedures in the event of escalation.
 - e. Maintain Site Emergency status until notified of escalation, termination or reduction of classification.
3. If termination, collect dosimeters/KI from emergency workers, inventory, and prepare for return to County EOC. _____
(time)
4. Remarks/Actions Taken:

Fire Services

GENERAL EMERGENCY

The Fire Services Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EOC. _____
(time)
 - b. Ensure mobilization of sufficient personnel to meet Route Alert Team requirements and make assignments to vehicles (reference Appendix C-2). _____
(time)
 - c. Mobilize additional fire personnel and have them report to fire station (reference Appendix C-1). _____
(time)
 - d. Inventory dosimeters/KI and prepare for distribution; if applicable, complete a Receipt Form for Dosimetry-Survey Meters-KI (reference Appendix C-5). _____
(time)
 - e. Distribute dosimeters/KI to municipal emergency workers and EOC staff (reference Appendix C-4); obtain a signed receipt (reference Appendix C-6). _____
(time)
 - f. Review personnel/equipment inventory (reference Appendix C-1), verify availability, and report unmet needs to County EOC, Fire Services at 431-6160. _____
(time)
 - g. Proceed to Step 2.
2. If escalation from Alert or Site Emergency, or if proceeding from Step 1, then:
 - a. Monitor route alerting if required, and support as necessary. _____
(time)
 - b. Inform County EOC upon completion of all route alerting in municipality. _____
(time)
 - c. Relocate to alternate EOC. _____
(time)
3. Upon termination of emergency, collect dosimeters/KI from emergency workers, inventory, and prepare for return to County EOC. _____
(time)
4. Remarks/Actions Taken:

ROUTE ALERTING PROCEDURESI. GENERAL

- A. Schuylkill Township is divided into 4 Sectors.
- B. Each Sector is assigned a Route Alert Team (reference Attachment 1).
- C. Two (2) persons should be assigned to each team.

II. PURPOSE

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

III. PROCEDURES

- A. When dispatched by Chester County Communications, commence route alerting in designated sectors (reference Attachment 2).
- B. Route Alerting is accomplished by driving slowly along designated roads, periodically activating the vehicle siren and making the following announcement on the PA system:

"There is an emergency at the Limerick Generating Station; please tune to your EBS station WCOJ 1420 AM."
- C. Upon completion of route, notify Chester County Communications and return to station.

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

ROUTE ALERT TEAMS AND MAPS

Sector No. 68-A Alert Team: Valley Forge Fire Department

Leader: * _____

Assistant: * _____

Transient Location: _____ None _____

Hearing Impaired: List are on file in the EOC.

Sector No. 68-B Alert Team: Valley Forge Fire Department

Leader: * _____

Assistant: * _____

Transient Location: _____ None _____

Hearing Impaired: List are on file in the EOC.

Sector No. 68-C Alert Team: Valley Forge Fire Department

Leader: * _____

Assistant: * _____

Transient Location: _____ None _____

Hearing Impaired: List are on file in the EOC.

Sector No. 68-D Alert Team: Valley Forge Fire Department

Leader: * _____

Assistant: * _____

Transient Location: _____ None _____

Hearing Impaired: List are on file in the EOC.

*Route Alert Teams will be determined at the time of a incident based upon available manpower. Names are on file in Township EOC.

ROUTE ALERTING SECTOR MAP

Map will be inserted in the final draft.

MESSAGE - HEARING IMPAIRED

There is an emergency at the Limerick Generating Station.

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

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

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

TRANSPORTATION RESOURCE REQUIREMENTS

<u>Vehicles Required</u>	<u>Vehicles Available</u>	<u>Unmet Needs</u>
2 Buses	0 buses	2 Buses
5 Ambulances	0 Ambulances	5 Ambulances

BOROUGH OF SPRING CITY
CHESTER COUNTY
RADIOLOGICAL EMERGENCY RESPONSE PLAN
FOR INCIDENTS AT THE
LIMERICK GENERATING STATION
IMPLEMENTING PROCEDURES

APRIL 1984

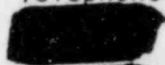

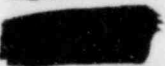
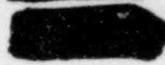
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Draft 5
Rev 7/13/84

Deputy	_____	home	_____
	_____	office	_____
Fire Services Officer	_____	home	_____
	_____	office	_____
Deputy	_____	home	_____
	_____	office	_____
Ambulance Service Officer	_____	home	_____
	_____	office	_____
Deputy	_____	home	_____
	_____	office	_____

Have key staff report to EOC. _____ (time)

3. Verify that the following have been notified:

	Telephone	Time
a. Spring City Police Department		_____
b. Liberty Fire Company		_____
c. Spring City Area Ambulance		_____
d. Spring Ford Rescue Squad		_____
e. Verification Message:		

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

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

- a. Activated. _____ (time)
- b. County Municipal Liaison Officer notified of EOC activation. _____ (time)
- c. Check communication systems for operability. _____ (time)
- d. Establish EOC security. _____ (time)
- e. Monitor EBS station WCOJ 1420 AM. _____ (time)
- f. Ensure Route Alert Teams have been mobilized as necessary. _____ (time)
- g. If public alert system has been activated, notify hearing impaired. _____ (time)

- h. In the event of a siren failure receive notification from the County that appropriate route alert teams have been dispatched. _____ (time)
- i. Verify the County has assigned an ARES unit to the Borough EOC. _____ (time)
- j. Log all incoming messages that provide information or require a response. Post pertinent information on status board.

5. Verify that the following have been notified:

		Telephone	Time
a. Major Industries			
Mingo Foundry	Merril Adams President	_____	_____
Spring City Foundry	Samuel Marcus President	_____	_____
La Salle Steel	Richard Treder General Manager	_____	_____
Valley Forge Flag Co.	Anna Marie Davis Manager	_____	_____

b. Verification Message:

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

- 6. Ensure ARES operator contacts the County ARES base upon arrival at the Borough EOC. _____ (time)
- 7. Review remaining emergency procedures in the event of escalation.
- 8. Report all unmet needs to the County Municipal Liaison Officer. _____ (time)
- 9. Maintain Alert status until notified of termination, escalation or reduction of classification:
 - a. Date: _____
 - b. Time: _____
 - c. Source: _____
 - d. Disposition
 - (1) Termination _____
 - (2) Escalation _____

(3) Reduction _____

10. If escalation, accomplish appropriate Implementing Procedure. If termination, verify/notify the following:

a. Verification:

		Telephone	Time
(1)	Spring City Police Department	[REDACTED]	_____
(2)	Liberty Fire Company	[REDACTED]	_____
(3)	Spring City Area Ambulance	[REDACTED]	_____
(4)	Spring Ford Rescue Squad	[REDACTED]	_____
(5)	Major Industries		
	Mingo Foundry	Merril Adams President	[REDACTED] _____
	Spring City Foundry	Samuel Marcus President	[REDACTED] _____
	La Salle Steel	Richard Treder General Manager	[REDACTED] _____
	Valley Forge Flay Co.	Anna Marie Davis Manager	[REDACTED] _____


(6) Verification Message:

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


b. Notification:

		Telephone	Time
(1)	Elected Officials		
	Mayor: C. Neal McClellan	[REDACTED] home	_____
	Richard Latshaw	[REDACTED] home	_____
	Harold Snaitn	[REDACTED] home office	_____ _____
	Eugene McVeigh	[REDACTED] home office	_____ _____


Earl Fries

 home _____



E. Shaner

 home _____



Paul Kocher

 home _____

H. Blare Hipple

 home
 office _____

Edwin Roussey

 home
 office _____

(2) Message:

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

11. Remarks/Action Taken:

b. Key Staff

Police Service Officer

_____ home
_____ office _____

Deputy

_____ home
_____ office _____

Fire Services Officer

_____ home
_____ office _____

Deputy

_____ home
_____ office _____

Ambulance Service Officer

_____ home
_____ office _____

Deputy

_____ home
_____ office _____

Have key staff report to EOC. _____
(time)

3. Verify that the following have been notified:

a. Spring City Police Department

Telephone _____ Time _____
[Redacted]

b. Liberty Fire Company

[Redacted] _____

c. Spring City Area Ambulance

[Redacted] _____

d. Spring Ford Rescue Squad

[Redacted] _____

e. Verification Message:

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

4. Report to and activate the local Emergency Operations Center

a. Activated _____
(time)

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

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

d. Establish EOC security. _____
(time)

e. Monitor EBS station WCOJ 1420 AM. _____
(time)

- f. Ensure Route Alert Teams have been mobilized as necessary.
_____ (time)
- g. If the public alert system has been activated, notify hearing impaired. _____ (time)
- h. In the event of a siren failure receive notification from the County that appropriate route alert teams have been dispatched. _____ (time)
- i. Log all incoming messages that provide information or require a response. Post pertinent information on status board.
- j. Verify the County has assigned an ARES unit to the Borough EUC.
_____ (time)

- 5. Have additional emergency personnel report to the EUC (for 24-hour operation), or where needed.
- 6. Ensure that appropriate EOC staff have placed their respective emergency workers on standby status. _____ (time)

7. Verify that the following have been notified:

		Telephone	Time
a. Major Industries			
Mingo Foundry	Merril Adams President	[REDACTED]	_____
Spring City Foundry	Samuel Marcus President	[REDACTED]	_____
La Salle Steel	Richard Treder General Manager	[REDACTED]	_____
Valley Forge Flay Co.	Anna Marie Davis Manager	[REDACTED]	_____

b. Verification Message:

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

- 8. Verify Resource Availability:
Ensure appropriate EOC staff have reviewed their respective resource inventories and have reported deficiencies to their respective counterparts in the County EOC; for example, the Municipal Fire Services Officer contacts the County Fire Services Officer. _____ (time)
- 9. Ensure Fire Services Officer has distributed dosimeters/KI to emergency workers. _____ (time)
- 10. Review road conditions with EOC staff, i.e., there is no construction or other activity which would hinder movement of personnel or vehicles

to/from the area. Ensure that the Ambulance Service Officer and the County are aware of any problem areas. _____ (time)

- 11. Ensure ARES operator contacts the County ARES base upon arrival at the Borough EUC. _____ (time)
- 12. Review remaining emergency procedures in the event of escalation.
- 13. Report all unmet needs to the County Municipal Liaison Officer. _____ (time)
- 14. Maintain Site Emergency status until notified of termination, escalation or reduction of classification:
 - a. Date: _____
 - b. Time: _____
 - c. Source: _____
 - d. Disposition:
 - (1) Termination _____
 - (2) Escalation _____
 - (3) Reduction _____
- 15. If escalation, accomplish appropriate Implementing Procedure. If termination or reduction of classification, notify/verify the following:

a. Verification:

		Telephone	Time
(1) Spring City Police Department		██████████	_____
(2) Liberty Fire Company		██████████	_____
(3) Spring City Area Ambulance		██████████	_____
(4) Spring Ford Rescue Squad		██████████	_____
(5) Major Industries			
Mingo Foundry	Merril Adams President	██████████	_____
Spring City Foundry	Samuel Marcus President	██████████	_____
La Salle Steel	Richard Treder General Manager	██████████	_____

Valley Forge Flay Co.

Anna Marie Davis 948-4900
Manager

(6) Verification Message:

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

b. Notification

	Telephone	Time
(1) Elected Officials		
Mayor: C. Neal McClellan	_____ home	_____
Richard Latshaw	_____ home	_____
Harold Snaith	_____ home _____ office	_____ _____
Eugene McVeigh	_____ home _____ office	_____ _____
Earl Fries	_____ home	_____
E. Shaner	_____ home	_____
Paul Kocher	_____ home	_____
H. Blare Hipple	_____ home _____ office	_____ _____
Edwin Roussey	_____ home _____ office	_____ _____

(2) Message:

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

16. Remarks/Actions Taken:

b. Key Staff

Police Service Officer

_____ home
_____ office _____

Deputy

_____ home
_____ office _____

Fire Services Officer

_____ home
_____ office _____

Deputy

_____ home
_____ office _____

Ambulance Service Officer

_____ home
_____ office _____

Deputy

_____ home
_____ office _____

Have key staff report to EOC. _____
(time)

3. Verify that the following have been notified:

a. Spring City Police Department

Telephone

Time

b. Liberty Fire Company

c. Spring City Area Ambulance

d. Spring Ford Rescue Squad

e. Verification Message:

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

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

a. Activated _____
(time)

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


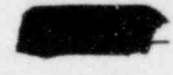
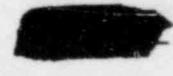
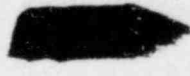
c. Communication system checked for operability. _____
(time)

d. Establish EOC security. _____
(time)

- e. Monitor EBS station WCOJ 1420 AM. _____
(time)
 - f. Ensure Route Alert Teams have been mobilized as necessary.

(time)
 - g. Verify the County has assigned an ARES unit to the Borough EOC.

(time)
 - h. Log all incoming messages that provide information or require a response. Post pertinent information on status board.
5. Ensure that all necessary emergency response personnel have reported to the EOC, where needed, or to pre-assigned location. _____
(time)
6. Verify that the following have been notified:

		Telephone	Time
a. Major Industries			
Mingo Foundry	Merril Adams President		_____
Spring City Foundry	Samuel Marcus President		_____
La Salle Steel	Richard Treder General Manager		_____
Valley Forge Flay Co.	Anna Marie Davis Manager		_____

b. Verification Message:

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

7. Verify Resource Availability:
- Ensure appropriate EOC staff have reviewed their respective resource inventories and have reported deficiencies to their respective counterparts in the County EOC; for example, the Municipal Fire Services Officer contacts County Fire Services Officer. _____
(time)
8. Ensure Fire Services Officer has distributed dosimeters/KI to emergency workers. _____
(time)
9. Review road conditions with EOC staff, i.e., there is no construction or other activity which would hinder movement of personnel or vehicles to/from the area. Ensure that the Medical/Ambulance Service Officer and the County are aware of any problem areas. _____
(time)
10. Ensure ARES operator contacts the County ARES base upon arrival at the

Borough EUC. _____
(time)

- 11. If sheltering is recommended:
 - a. When the public alert system has been activated, notify hearing impaired. _____
(time)
 - b. Monitor EBS station WCOJ 1420 AM to ensure proper instructions are being given to the general population. _____
(time)
 - c. In the event of a siren failure receive notification from the County that appropriate route alert teams have been dispatched. _____
(time)

- 12. If evacuation is ordered:
 - a. When the public alert system has been activated, notify hearing impaired. _____
(time)
 - b. Monitor EBS station WCOJ 1420 AM to ensure proper instructions are being given to the general public. _____
(time)
 - c. In the event of a siren failure receive notification from the County that appropriate route alert teams have been dispatched. _____
(time)
 - d. Ensure Traffic Control Points are manned. _____
(time)
 - e. Assign sufficient emergency workers to Ambulance Service Officer to support transportation resource, i.e. one emergency worker should be available for each vehicle used to evacuate those persons who do not have transportation. _____
(time)
 - f. Advise County Municipal Liaison Officer of any additional unmet needs. _____
(time)
 - (1) _____
 - (2) _____
 - (3) _____
 - g. Monitor evacuation process and report any problem areas to the County Municipal Liaison Officer.
 - (1) _____
 - (2) _____
 - (3) _____

- 13. Maintain General Emergency status until:
 - a. Reduction of classification. _____
(time)
 - b. Termination of emergency. _____
(time)

c. EOC must be evacuated. _____
(time)

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

a. Verification:




		Telephone	Time
(1)	Spring City Police Department	[REDACTED]	_____
(2)	Liberty Fire Company	[REDACTED]	_____
(3)	Spring City Area Ambulance	[REDACTED]	_____
(4)	Spring Ford Rescue Squad	[REDACTED]	_____
(5)	Major Industries		
	Mingo Foundry	Merril Adams President	[REDACTED] _____
	Spring City Foundry	Samuel Marcus President	[REDACTED] _____
	La Salle Steel	Richard Treder General Manager	[REDACTED] _____
	Valley Forge Flag Co.	Anna Marie Davis Manager	[REDACTED] _____

(6) Verification Message:

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

b. Notify:

		Telephone	Time
(1)	Elected Officials		
	Mayor: C. Neal McClellan	[REDACTED] home	_____
	Richard Latshaw	[REDACTED] home	_____
	Harold Snaith	[REDACTED] home office	_____ _____
	Eugene McVeigh	[REDACTED] home office	_____ _____
	Earl Fries	[REDACTED] home	_____

E. Shaner		home	_____
Paul Kocher		home	_____
H. Blare Hipple		home office	_____ _____
Edwin Roussey		home office	_____ _____

(2) Message:

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

15. If the EOC must be evacuated:
- a. If possible, wait until the municipality has been evacuated before leaving the EOC. _____
(time)
 - b. Secure the facility and proceed to alternate EOC located at Chester County Library, ExtOn. _____
(time)
 - c. Notify Chester County Municipal Liaison Officer upon your arrival at alternate EOC located at Chester County Library, ExtOn. _____
(time)
16. Remarks/Actions Taken:

ANNEX B

Implementing Procedure

Police Services*

Police Services Officer: (name)

Alternate: (name)

UNUSUAL EVENT

No response necessary unless police services are required at the Limerick Generating Station.

ALERT

The Police Services Officer shall:

1. Upon request of the Emergency Management Coordinator, report to the EOC.
(time)
2. Review public works equipment/personnel inventory (reference Appendix B-3), verify availability, and report unmet needs to the County Public Works Coordinator.
(time)
3. Review remaining emergency procedures in the event of escalation.
4. Maintain Alert status until notified of termination, escalation or reduction of classification.
5. Remarks/Actions Taken:

*Note: This procedure has been modified to include Public Works Procedures.

Police Services

SITE EMERGENCY

The Police Services Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EOC. _____
(time)
 - b. Review public works equipment/personnel inventory (reference Appendix B-3), verify availability, and report unmet needs to the County Public Works Coordinator _____ Place equipment operators on standby status. _____
(time)
 - c. Proceed to Step 2.
2. If escalation from Alert or if proceeding from Step 1, then:
 - a. Mobilize, if necessary, additional police personnel (reference Appendix B-1) and have them report to Police Department Office. _____
(time)
 - b. Monitor weather conditions. _____
(time)
 - c. Review police personnel/equipment inventory (reference Appendix B-1), verify availability, and report unmet needs to County EOC, Police Services. _____
(time)
 - d. Ensure police and public work emergency workers have been issued dosimeters-KI. _____
(time)
 - e. Review remaining emergency procedures in the event of escalation.
 - f. Maintain Site Emergency status until notified of termination, escalation or reduction of classification. (NOTE: If a protective action is recommended at Site Emergency, accomplish the appropriate steps indicated in the General Emergency section).
3. Upon termination of emergency, have emergency workers return dosimeters/unused KI to Borough Fire Services Officer. _____
(time)
4. Remarks/Actions Taken:

Police Services

GENERAL EMERGENCY

The Police Services Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EOC. _____
(time)
 - b. Mobilize additional police personnel and have them report to Police Department Office (reference Appendix B-1). _____
(time)
 - c. Review police and public works personnel/equipment inventory (reference Appendix B-1 and B-3), verify availability, and report unmet needs to County EOC:
 - (1) Police Services Officer, or _____
(time)
 - (2) Public Works Officer _____
(time)
 - d. Ensure police and public work emergency workers have been issued dosimeters KI. _____
(time)
 - e. Monitor weather conditions. _____
(time)
 - f. Proceed to Step 2.
2. If escalation from Alert or Site Emergency, or if proceeding from Step 1, then:
 - a. Mobilize public works equipment operators and have them report to public works garage. _____
(time)
 - b. If recommended protective action is sheltering,
 - (1) If requested, have Police Department personnel assist Fire Department with route alerting (reference Fire Services Implementing Procedure). _____
(time)
 - (2) Initiate increased security measures, i.e., increase vehicular patrols conditions permitting. _____
(time)
 - c. If recommended protective action is evacuation,
 - (1) Ensure Traffic Control Points are manned (reference Appendix B-2). _____
(time)
 - (2) Be prepared to conduct road clearing operations as necessary.

(time)

(3) After population has evacuated, ensure police relocate to Uwchlan Township Building. _____

(time)

3. Upon termination of emergency, have emergency workers return dosimeters/unused KI to Borough Fire Services Officer. _____

(time)

4. Remarks/Actions Taken:

ANNEX C

Implementing Procedure

Fire and Rescue Services*

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

UNUSUAL EVENT

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

ALERT

The Fire and Rescue Services Officer shall:

1. Upon request of Emergency Management Coordinator, report to the EOC.
_____ (time)
2. Inventory dosimeters/KI and prepare for distribution; complete a Receipt Form for Dosimetry - Survey Meters - KI (reference Appendix C-5). _____ (time)
3. If required, ensure mobilization of sufficient personnel to meet Route Alert Team requirements (reference Appendix C-2). _____ (time)
4. Review remaining emergency procedures in the event of escalation.
5. Maintain Alert status until notified of termination, escalation or reduction of classification.
6. Remarks/Actions Taken:

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

Fire and Rescue Services

SITE EMERGENCY

The Fire and Rescue Services Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EOC. _____
(time)
 - b. If required, ensure mobilization of sufficient personnel to meet Route Alert Team requirements (reference Appendix C-2). _____
(time)
 - c. Inventory dosimeters/KI and prepare for distribution; if applicable, complete a receipt form for Dosimetry-Survey Meters-KI (reference Appendix C-5). _____
(time)
 - d. Proceed to Step 2.
2. If escalation from Alert, or if proceeding from Step 1, then:
 - a. Mobilize additional personnel as necessary and have them report to Fire or Rescue Stations (reference Appendix C-1). _____
(time)
 - b. Distribute dosimeters/KI to municipal emergency workers and EOC Staff (reference Appendix C-4); obtain a signed receipt (reference Appendix C-6). _____
(time)
 - c. Ensure fire and rescue department emergency workers have been issued dosimeters/KI. _____
(time)
 - d. Review fire and rescue personnel/equipment inventory (reference Appendix C-1), verify availability, and report unmet needs to County EOC, Fire and Rescue Services. _____
(time)
 - e. Review remaining emergency procedures in the event of escalation.
 - f. Maintain Site Emergency status until notified of escalation, termination or reduction of classification.
3. If termination, collect dosimeters/KI from emergency workers, inventory, and prepare for return to County EOC. _____
(time)
4. Remarks/Actions Taken:

Fire and Rescue Services

GENERAL EMERGENCY

The Fire and Rescue Services Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EOC.
 - b. Ensure mobilization of sufficient personnel to meet Route Alert Team requirements (reference Appendix C-2). _____
(time)
 - c. Mobilize additional fire and rescue personnel and have them report to Fire or Rescue Stations (reference Appendix C-1). _____
(time)
 - d. Inventory dosimeters/KI and prepare for distribution; if applicable, complete a receipt form for Dosimetry-Survey Meters-KI (reference Appendix C-5). _____
(time)
 - e. Distribute dosimeters/KI to municipal emergency workers and EOC staff (reference Appendix C-4); obtain a signed receipt (reference Appendix C-6). _____
(time)
 - f. Review fire and rescue personnel/equipment inventory (reference Appendix C-1), verify availability, and report unmet needs to County EOC, Fire and Rescue Services. _____
(time)
 - g. Proceed to Step 2.
2. If escalation from Alert or Site Emergency, or if proceeding from Step 1, then:
 - a. Monitor route alerting. _____
(time)
 - b. If evacuation is ordered, after population has relocated, ensure that Fire and Rescue Departments relocate to Lionville Fire Department. _____
(time)
 - c. Relocate to alternate EOC.
3. Upon termination of emergency, collect dosimeters/KI from emergency workers, inventory, and prepare for return to County EOC. _____
(time)
4. Remarks/Actions Taken:

ROUTE ALERTING PROCEDURES

I. GENERAL

- A. The Borough of Spring City is divided into 3 Sectors.
- B. Each Sector is assigned a Route Alert Team (reference Attachment 1).
- C. Two (2) persons should be named to each team.

II. PURPOSE

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

III. PROCEDURES

- A. When dispatched by Chester County, commence route alerting in designated sectors (reference Attachment 2).
- B. Route Alerting is accomplished by driving slowly along designated roads, periodically activating the vehicle siren and making the following announcement on the PA system:

"There is an emergency at the Limerick Generating Station; please tune to your EBS station WCOJ 1420 AM."
- C. Upon completion of route, notify Chester County and return to station.

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

ROUTE ALERT TEAMS AND MAPS

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

Leader: * _____

Assistant: * _____

Transient Location: None

Hearing Impaired: List are on file in the EOC.

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

Leader: * _____

Assistant: * _____

Transient Location: None

Hearing Impaired List are on file in the EOC.

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

Leader: * _____

Assistant: * _____

Transient Location: None

Hearing Impaired List are on file in the EOC.

*Route Alert Teams will be determined at the time of an incident based upon available manpower. Names are on file in Municipal EOC.

ROUTE ALERTING SECTOR MAP

Map will be inserted in final draft.

MESSAGE - HEARING IMPAIRED

There is an emergency at the Limerick Generating Station.

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

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

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

ANNEX D

Implementing Procedure

Ambulance Services*

Ambulance Services Officer: (name)
Alternate: (name)

UNUSUAL EVENT

No response required unless ambulance services are required at the Limerick Generating Station.

ALERT

The Ambulance Services Officer shall:

1. Upon request of the Emergency Management Coordinator, report to the EOC.

(time)
2. Update the list of those individuals requiring special assistance in the event of evacuation (reference Appendix D-2). _____
(time)
 - a. Notify County Medical Coordinator of changes in the list of those individuals requiring ambulance support. _____
(time)
 - b. Notify County Transportation Officer of changes in the list of those individuals requiring special transportation support other than ambulance. _____
(time)
3. Update the list of those individuals who do not normally have transportation available 24-hours a day (reference Appendix D-5).

(time)
4. Review remaining emergency procedures in the event of escalation.
5. Maintain Alert status until notified of termination, escalation or reduction of classification.
6. Remarks/Actions Taken:

*Note: This procedure has been modified to include Transportation Procedures.

Ambulance Services

SITE EMERGENCY

The Ambulance Services Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EOC. _____
(time)
 - b. Update the list of those individuals requiring special assistance in the event of evacuation (reference Appendix D-2). _____
(time)
 - (1) Notify County Medical Coordinator of changes in the list of those individuals requiring ambulance support. _____
(time)
 - (2) Notify County Transportation Officer of changes in the list of those individuals requiring special transportation support other than ambulance. _____
(time)
 - c. Update the list of those individuals who do not normally have transportation available 24-hours a day (reference Appendix D-5). _____
(time)
 - d. Review transportation resource requirements (reference Appendix D-3). _____
(time)
 - e. Notify the County Transportation Coordinator of any changes in requirements. _____
(time)
 - f. Proceed to Step 2.
2. If escalation from Alert or if proceeding from Step 1, then:
 - a. Mobilize, if necessary, additional ambulance personnel and have them report to Ambulance Stations (reference Appendix D-1). _____
(time)
 - b. Review personnel/equipment inventory (reference Appendix D-1), verify availability, and report unmet needs to County Medical Coordinator. _____
(time)
 - c. Ensure ambulance emergency workers have been issued dosimeters/KI. _____
(time)
 - d. Review remaining emergency procedures in the event of escalation.
 - e. Maintain Site Emergency status until notified of termination, escalation, reduction of classification.
3. If termination of emergency, have emergency workers return dosimeters/unused KI to Borough Fire Services Officer. _____
(time)
4. Remarks/Actions Taken:

Ambulance Services

GENERAL EMERGENCY

The Ambulance Services Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EUC.
 - b. Update the list of those individuals requiring special assistance in the event of evacuation (reference Appendix D-2). _____
(time)
 - (1) Notify County Medical Coordinator of changes in the list of those individuals requiring ambulance support. _____
(time)
 - (2) Notify County Transportation Officer of changes in the list of those individuals requiring special transportation support other than ambulance. _____
(time)
 - c. Update the list of those individuals who do not normally have transportation available 24-hours a day (reference Appendix D-5). Report changes to the County Transportation Officer. _____
(time)
 - d. Mobilize additional ambulance personnel and have them report to Ambulance Station (reference Appendix D-1). _____
(time)
 - e. Review ambulance personnel/equipment inventory (reference Appendix D-1), verify availability, and report unmet needs to County Medical Coordinator. _____
(time)
 - f. Review transportation resource requirements (reference Appendix D-4). Report changes to the County Transportation Officer. _____
(time)
 - g. Ensure ambulance emergency workers have been issued dosimeters-KI. _____
(time)
 - h. Proceed to Step 2.
2. If escalation from Alert or Site Emergency, or if proceeding from Step 1, then:
 - a. If recommended protective action is evacuation, then:
 - (1) Ensure that population requiring ambulance transportation is served. _____
(time)
 - (2) Add to Appendix D-5 the names and addresses of those individuals who call in requesting transportation assistance. (Note: Multiple copies of this list may be necessary). _____
(time)

- (3) As transportation resource requirements, including those for special needs (vans, etc.), exceed availability (reference Appendix D-4), notify the County Transportation Coordinator of additional requirements. _____
(time)
- (4) Inform the EMC of the number of vehicles that have been requested thru the County and request that an emergency worker be made available for assisting each vehicle. _____
(time)
- (5) Prepare a list of names and addresses of persons to be picked-up for each vehicle including ambulances. _____
(time)
- (6) Upon the arrival of vehicles at the municipal transportation staying area, located at the swimming pool parking lot ensure that an emergency worker is assigned to each vehicle. A list of names and addresses of persons to be picked-up should be provided for each vehicle along with instructions to return the Borough staying area where they will receive directions to the designated Reception Center and assigned Mass Care Center. Persons being evacuated by ambulance shall be evacuated to the Pocopson Home, West Chester. Emergency workers need not accompany vehicles to reception facilities. _____
(time)
- (7) After population has evacuated, ensure ambulance service relocates to Lionville Fire Department. _____
(time)
- (8) Upon termination of emergency, have emergency workers return dosimeters/unused KI to Borough Fire Services Officer. _____
(time)

3. Remarks/Actions Taken:

UPPER UWCHLAN TOWNSHIP
CHESTER COUNTY
RADIOLOGICAL EMERGENCY RESPONSE PLAN
FOR INCIDENTS AT THE
LIMERICK GENERATING STATION
IMPLEMENTING PROCEDURES

MAY 1984

Copy Number _____

Draft 6

INTRODUCTION

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

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

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

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

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

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

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

3. Verify that the following have been notified:

- | | Telephone | Time |
|---|-----------|-------|
| a. Fire Department - Glenmoore | _____ | _____ |
| b. Verification Message: | | |
| "This is <u> (name & title) </u> . I would like to verify that you have been notified that an incident classification of 'Alert' has been declared at the Limerick Generating Station." | | |

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

- a. Activated _____
 (time)
- b. County Municipal Liaison Officer notified of EOC activation (431-6160).
 _____ (time)
- c. Check communication systems for operability. _____
 (time)
- d. Establish EOC security. _____
 (time)
- e. Monitor EBS station WCOJ 1420 AM. _____
 (time)
- f. Ensure Route Alert Teams have been mobilized as necessary.
 _____ (time)
- g. If public alert system has been activated, notify hearing impaired.
 _____ (time)
- h. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched.
 _____ (time)
- i. Log all messages which provide information or require action. Post pertinent data on status board. _____
 (time)
- j. Verify the County has assigned on ARES unit to the Township EOC. _____
 (time)

5. Verify that the following have been notified:

- | | Telephone | Time |
|--|------------|--------------|
| a. Schools | | |
| (1) Pickering Valley Elementary School | | |
| Mr. Carl Deutsch | ██████████ | office _____ |
| Principal | | |
| (2) Upattinas | | |
| Sandra Hurst | ██████████ | office _____ |
| Director | | |

b. Major Industries

- (1) Texas Eastern _____ office _____
- (2) Budd Company _____ office _____
- (3) ARCU _____ office _____

c. Verification Message:

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

6. Notify the following:

- | | Telephone | Time |
|-----------------------|------------------------|-------------------------|
| a. Special Facilities | | |
| Marsh Creek | _____ name/title _____ | _____ home office _____ |

b. Message:

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

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

- 7. Ensure that normal police services are maintained.
- 8. Ensure ARES operator contacts the County ARES base upon arrival at the Municipal EJC. _____ (time)
- 9. Review remaining emergency procedures in the event of escalation.
- 10. Report all unmet needs to the County DES Director (431-6160).
- 11. Maintain Alert status until notified of termination, escalation or reduction of classification.

a. Date: _____

b. Time: _____

c. Source: _____

d. Disposition

- (1) Termination _____
- (2) Escalation _____
- (3) Reduction _____

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

a. Verification:

- | | Telephone | Time |
|--|-----------|--------------|
| (1) Fire Department - Glenmoore | _____ | _____ |
| (2) Schools | | |
| (a) Pickering Valley Elementary School | | |
| Mr. Carl Deutsch | _____ | office _____ |
| Principal | | |
| (b) Upattinas | | |
| Sandra Hurst | _____ | office _____ |
| Director | | |
| (3) Major Industries | | |
| (a) Texas Eastern | _____ | office _____ |
| (b) Budd Company | _____ | office _____ |
| (c) ARCO | _____ | office _____ |
| (4) Verification Message: | | |

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

b. Notification:

- | | Telephone | Time |
|---|------------|----------------------------|
| (1) Upper Uwchlan Township Supervisors: | | |
| (a) Walter J. Styer, Chairman | _____ | home _____
office _____ |
| (b) Charles Lobb | _____ | home _____
office _____ |
| (c) Norman Shea | _____ | home _____
office _____ |
| (2) Special Facilities | | |
| Marsh Creek | _____ | home _____
office _____ |
| | name/title | |
| (3) Message: | | |

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

Implementing Procedure
Emergency Management Coordinator

SITE EMERGENCY

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

1. Document:

a. Date: _____

b. Time: _____

c. Source: _____

d. Details: _____

2. Notify:

	Telephone	Time
a. Upper Uwchlan Township Supervisors:		
(1) Walter J. Styer, Chairman	_____ home _____ office	_____ _____
(2) Charles Lobb	_____ home _____ office	_____ _____
(3) Norman Shea	_____ home _____ office	_____ _____
b. Key Staff		
(1) Fire Services Officer	_____ home	_____
or	_____ office	_____
Deputy	_____ home	_____
	_____ office	_____
(2) Medical/Ambulance Services Officer	_____ home	_____
or	_____ office	_____
Deputy	_____ home	_____
	_____ office	_____
(3) Transportation Officer	_____ home	_____
or	_____ office	_____
Deputy	_____ home	_____
	_____ office	_____

Have key staff report to EOC. _____
(time)

3. Verify that the following have been notified:

	Telephone	Time
a. Fire Department - Glenmoore	_____	_____

b. Verification Message:

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

4. Report to and activate the local Emergency Operations Center

a. Activated _____
(time)

b. County Municipal Liaison Officer notified of EOC activation (431-6160). _____
(time)

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

d. Establish EOC security. _____
(time)

e. Monitor EBS station WCOJ 1420 AM. _____
(time)

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

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

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

i. Log all messages which provide information or require action. Post pertinent data on status board. _____
(time)

j. Verify the County has assigned on ARES unit to the Township EOC. _____
(time)

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

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

7. Verify that the following have been notified:

- | | Telephone | Time |
|--|-------------------|-------|
| a. Schools | | |
| (1) Pickering Valley Elementary School
Mr. Carl Deutsch
Principal | [redacted] office | _____ |
| (2) Upattinas
Sandra Hurst
Director | [redacted] office | _____ |
| b. Major Industries | | |
| (1) Texas Eastern | [redacted] office | _____ |
| (2) Budd Company | [redacted] office | _____ |
| (3) ARCU | [redacted] office | _____ |
| c. Verification Message: | | |
| "This is _____ (name/title) _____. I would like to verify that you have been notified that an incident classification of 'Site Emergency' has been declared at the Limerick Generating Station." | | |

8. Notify the following:

- | | Telephone | Time |
|---|------------------------|-------------------------|
| a. Special Facilities | | |
| Marsn Creek | _____ name/title _____ | _____ home office _____ |
| b. Message: | | |
| "This is _____ (name/title) _____. An incident classification of 'Site Emergency' has been declared at the Limerick Generating Station." (Provide appropriate instructions as necessary.) | | |

9. Verify Resource Availability:

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

10. Ensure Fire Services Officer has distributed dosimeters/KI to emergency workers.
11. Review road conditions with EOC staff, i.e., there is no construction or other activity which would hinder movement of personnel or vehicles to/from the area. Ensure that the Transportation Officer and the County Public Works Officer (431-6160) are aware of any problem areas.

_____ (time)

12. Ensure ARES operator contacts the County ARES base upon arrival at the Municipal EUC. _____
(time)
13. Ensure police emergency worker have been issued dosimeters/KI.

(time)
14. Review remaining emergency procedures in the event of escalation.
15. Maintain Site Emergency status until notified of termination, escalation, or reduction of classification:

- a. Date: _____
- b. Time: _____
- c. Source: _____
- d. Disposition:
- (1) Termination _____
- (2) Escalation _____
- (3) Reduction _____

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

a. Verification:

- | | Telephone | Time |
|---|--------------|-------|
| (1) Fire Department - Glenmoore | _____ | _____ |
| (2) Schools | | |
| (a) Pickering Valley Elementary School
Mr. Carl Deutsch
Principal | _____ office | _____ |
| (b) Upattinas
Sandra Hurst
Director | _____ office | _____ |
| (3) Major Industries | | |
| (a) Texas Eastern | _____ office | _____ |
| (b) Budd Company | _____ office | _____ |
| (c) ARCU | _____ office | _____ |
| (4) Verification Message: | | |

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

b. Notification

	Telephone	Time
(1) Upper Uwchlan Township Supervisors:		
(a) Walter J. Styer, Chairman	<u> </u> home <u> </u> office	<u> </u> <u> </u>
(b) Charles Lobb	<u> </u> home <u> </u> office	<u> </u> <u> </u>
(c) Norman Shea	<u> </u> home <u> </u> office	<u> </u> <u> </u>
(2) Special Facilities		
Marsh Creek	<u> </u> name/title	<u> </u> home <u> </u> office
(3) Message:		
"This is <u> </u> (name/title) <u> </u> . The emergency at the Limerick Generating Station has been terminated/reduced to <u> </u> ."		

17. Remarks/Actions Taken:

Deputy

_____ home
_____ office _____

Have key staff report to EOC. _____
(time)

3. Verify that the following have been notified:

- | | Telephone | Time |
|--------------------------------|-----------|-------|
| | _____ | _____ |
| a. Fire Department - Glenmoore | | |
| b. Verification Message: | | |

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

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

- a. Activated _____
(time)
- b. County Municipal Liaison Officer notified of EOC activation (431-6160). _____
(time)
- c. Communications system checked for operability. _____
(time)
- d. Establish EOC security. _____
(time)
- e. Monitor EBS station WCOJ 1420 AM. _____
(time)
- f. Ensure Route Alert Teams have been mobilized as necessary.
_____ (time)
- g. Log all messages which provide information or require action. Post pertinent data on status board. _____
(time)
- h. Verify the County has assigned an ARES unit to the Township EOC. _____
(time)

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

6. Verify that the following have been notified:

- | | Telephone | Time |
|---|--------------------|-------|
| | _____ | _____ |
| a. Schools | | |
| (1) Pickering Valley Elementary School
Mr. Carl Deutsch
Principal | _____ office _____ | |
| (2) Upattinas
Sandra Hurst
Director | _____ office _____ | |

b. Major Industries

- (1) Texas Eastern [redacted] office _____
- (2) Budd Company [redacted] office _____
- (3) ARCU [redacted] office _____

c. Verification Message:

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

7. Notify the following:

- | | Telephone | Time |
|-----------------------|------------------------|-------------------------|
| a. Special Facilities | | |
| Marsh Creek | _____ name/title _____ | _____ home office _____ |

b. Message:

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

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

8. Verify Resource Availability:

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

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

10. Review road conditions with EOC staff, i.e., there is no construction or other activity which would hinder movement of personnel or vehicles to/from the area. Ensure that the Transportation Officer and the County Public Works Officer (431-6160) are aware of any problem areas.

_____ (time)

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

12. Mobilize police personnel and have them report to police station. _____ (time)

13. Ensure police emergency workers have been issued dosimeters-KI.

(time)

14. If sheltering is recommended:

a. When the public alert system has been activated, notify hearing impaired.

(time)

b. Monitor EBS station to ensure proper instructions are being given to the general population.

(time)

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

(time)

d. Initiate increased security measures, i.e., increase vehicular patrols and man Access Control Points (reference Appendix A-1).

(time)

15. If evacuation is ordered:

a. When the public alert system has been activated, notify hearing impaired.

(time)

b. Monitor EBS station to ensure proper instructions are being given to the general public.

(time)

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

(time)

d. Ensure Access Control Points have been manned (reference Appendix A-1).

(time)

e. Ensure Traffic Control Points have been manned (reference Appendix A-1).

(time)

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

(time)

g. Advise County DES Municipal Liaison Officer of any additional unmet needs (431-6160).

(time)

(1) _____

(2) _____

(3) _____

h. Monitor evacuation process and report any problem areas to the County DES Municipal Liaison Officer (431-6160).

_____ (time)

- (1) _____
- (2) _____
- (3) _____

16. Maintain General Emergency status until:

a. Reduction of classification. _____ (time)

b. Termination of emergency. _____ (time)

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

a. Verification:

- | | Telephone | Time |
|---|--------------|-------|
| (1) Fire Department - Glenmoore | _____ | _____ |
| (2) Schools | | |
| (a) Pickering Valley Elementary School
Mr. Carl Deutsch
Principal | _____ office | _____ |
| (b) Upattinas
Sandra Hurst
Director | _____ office | _____ |
| (3) Major Industries | | |
| (a) Texas Eastern | _____ office | _____ |
| (b) Budd Company | _____ office | _____ |
| (c) ARCO | _____ office | _____ |
| (4) Verification Message: | | |

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

b. Notification

- | | Telephone | Time |
|---|----------------------------|----------------|
| (1) Upper Uwchlan Township Supervisors: | | |
| (1) Walter J. Styer, Chairman | _____ home
_____ office | _____
_____ |

(2) Charles Lobb

_____ home _____
_____ office _____

(3) Norman Shea

_____ home _____
_____ office _____

(2) Special Facilities

Marsh Creek

_____ name/title _____ none _____
_____ office _____

(3) Message:

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

18. If the EOC must be evacuated:

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

b. Secure the facility and proceed to alternate EOC. _____ (time)

c. Notify Chester County DES Municipal Liaison Officer upon your arrival at alternate EOC. _____ (time)

19. Remarks/Actions Taken:

ANNEX B
Implementing Procedure
Fire Services*

Fire Services Officer: _____
Alternate: _____ (name)

UNUSUAL EVENT

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

ALERT

The Fire Services Officer shall:

1. Upon request of Emergency Management Coordinator, report to the EOC.
_____ (time)
2. Ensure that normal fire protection services are maintained.
3. If required, ensure mobilization of sufficient personnel to meet Route Alert Team requirements and make assignments to vehicles (reference Appendix B-2). _____ (time)
4. Inventory dosimeters/KI and prepare for distribution. If applicable, complete a Receipt Form for Dosimetry-Survey Meters-KI (reference Appendix B-4). _____ (time)
5. Review remaining emergency procedures in the event of escalation.
6. Maintain Alert status until notified of termination, escalation or reduction of classification.
7. Remarks/Actions Taken:

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

Fire Services

SITE EMERGENCY

The Fire Services Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EOC. _____
(time)
 - b. Ensure normal fire protection services are maintained.
 - c. If required, ensure mobilization of sufficient personnel to meet Route Alert Team requirements and make assignments to vehicles (reference Appendix B-2). _____
(time)
 - d. Inventory dosimeters/KI and prepare for distribution. If applicable, complete a Receipt Form for Dosimetry-Survey Meters-KI (reference Appendix B-4). _____
(time)
 - e. Proceed to Step 2.
2. If escalation from Alert, or if proceeding from Step 1, then:
 - a. Mobilize additional personnel as necessary and have them report to fire station (reference Appendix B-1). _____
(time)
 - b. Distribute dosimeters/KI to municipal emergency workers (reference Appendix B-3); obtain a signed receipt (reference Appendix B-5). _____
(time)
 - c. Ensure Fire Department Emergency workers have been issued dosimeters/KI. _____
(time)
 - d. Review personnel/equipment inventory (reference Appendix B-1), verify availability, and report unmet needs to County EOC, Fire Services at 431-6160. _____
(time)
 - e. Review remaining emergency procedures in the event of escalation.
 - f. Maintain Site Emergency status until notified of escalation, termination or reduction of classification.
3. If termination, collect dosimeters and unused KI from emergency workers and prepare for return to County. _____
(time)
4. Remarks/Actions Taken:

Fire Services

GENERAL EMERGENCY

The Fire Services Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EOC. _____
(time)
 - b. Ensure mobilization of sufficient personnel to meet Route Alert Team requirements and make assignments to vehicles (reference Appendix B-2). _____
(time)
 - c. Inventory dosimeters/KI and prepare for distribution. If applicable, complete a Receipt Form for Dosimetry-Survey Meters-KI (reference Appendix B-4).
 - d. Distribute dosimeters/KI to municipal emergency workers (reference Appendix B-3); obtain a signed receipt (reference Appendix B-5). _____
(time)
 - e. Mobilize additional fire personnel and have them report to fire station (reference Appendix B-1). _____
(time)
 - f. Ensure Fire Department emergency workers have been issued dosimeters/KI. _____
(time)
 - g. Review personnel/equipment inventory (reference Appendix B-1), verify availability, and report unmet needs to County EOC, Fire Services at 431-6160. _____
(time)
 - h. Proceed to Step 2.
2. If escalation from Alert or Site Emergency, or if proceeding from Step 1, then:
 - a. Monitor route alerting, if required, and support as necessary. _____
(time)
 - b. Inform County EOC upon completion of all route alerting in municipality. _____
(time)
 - c. Maintain General Emergency status until:
 - (1) Reduction of classification. _____
(time)
 - (2) Termination of emergency. _____
(time)
3. If termination, collect dosimeters and unused KI from emergency workers and prepare for return to County. _____
(time)

4. Remarks/Actions Taken:

MUNICIPAL DOSIMETRY-KI LIST

<u>AGENCY</u>	<u>NUMBER OF EMERGENCY WORKERS</u>
A. Municipal Emergency Management Agency	
Upper Uwchlan Township EOC	14
B. Fire Companies	
Glenmoore Fire Company	25
Glenmoore, PA	
E. Public Works	5
Total Units of Dosimetry-KI Required	<u>44</u>

*approximate

ANNEX C
Implementing Procedure
Transportation

Transportation Officer: (name)
Alternate: (name)

UNUSUAL EVENT

No response required.

ALERT

The Transportation Officer shall:

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

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

Transportation*

SITE EMERGENCY

The Transportation Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EUC. _____
(time)
 - b. Update the list of those individuals who do not normally have transportation available 24-hours a day (reference Appendix C-1).

(time)
 - (1) Notify County Transportation Coordinator (431-6160) of changes in the list of those individuals requiring ambulance support.

(time)
 - c. Update the list of those individuals requiring special assistance in the event of evacuation (reference Appendix C-3). _____
(time)
 - d. Proceed to Step 2.
2. If escalation from Alert or if proceeding from Step 1, then:
 - a. Review remaining emergency procedures in the event of escalation.

(time)
 - b. Maintain Site Emergency status until notified of termination, escalation or reduction of classification.
3. If termination, have dosimeters and unused KI to Fire Services Officer _____
(time)
4. Remarks/Action Taken:

Transportation

GENERAL EMERGENCY

The Transportation Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EOC. _____
(time)
 - b. Update the list of those individuals who do not normally have transportation available 24-hours a day (reference Appendix C-1).

(time)
 - c. Update the list of those individuals requiring special assistance in the event of evacuation (reference Appendix C-3). _____
(time)
 - (1) Notify County Medical Coordinator (431-6160) of changes in the list of those individuals requiring ambulance support.

(time)
 - d. Proceed to Step 2.
2. If escalation from Alert or Site Emergency, or if proceeding from Step 1, then:
 - a. If recommended protection action is sheltering, no further action is required.
 - b. If recommended protective action is evacuation, then:
 - (1) Ensure that population requiring ambulance transportation is served.
 - (2) Add to Appendix C-1 the names and addresses of those individuals who call in requesting transportation assistance. (note: Multiple copies of this list may be necessary). _____
(time)
 - (3) As transportation resource requirements, including those for special needs (vans, etc.), exceed availability (reference Appendix C-2), notify the County Transportation Coordinator at 431-6160 of additional requirements. _____
(time)
 - (4) Inform the EMC of the number of vehicles that have been requested thru the County and request that an emergency worker be made available for assisting each vehicle. _____
(time)
 - c. Prepare a list of names and addresses of persons to be picked up for each vehicle including ambulances. _____
(time)

d. Upon the arrival of vehicles at the municipal transportation staging areas, ensure that an emergency worker is assigned to each vehicle. A list of names and addresses of persons to be picked up should be provided for each vehicle along with instructions to proceed to the designated Reception Center and assigned Mass Care Center. Persons being evacuated by ambulance shall be evacuated to Popcopson Home, West Chester. _____

(time)

e. Relocate to alternate EOC after population has departed. _____

(time)

3. If termination, have ambulance/medical personnel return dosimeters and unused KI to the Fire Services Officer. _____

(time)

4. Remarks/Actions Taken:

PERSONS REQUIRING TRANSPORTATION ASSISTANCE

List will be on file in the EOC.

TRANSPORTATION RESOURCE REQUIREMENTS

Vehicles Required

Buses 1

Vehicles Available

Buses: 0

Unmet Needs

Buses: 1

RESIDENTS WITH SPECIAL TRANSPORTATION REQUIREMENTS

- A. Residents Requiring Ambulance Support
List will be on file in the EOC.
- B. Residents With Other Special Requirements
List will be on file in the EOC.

WARWICK TOWNSHIP
CHESTER COUNTY
RADIOLOGICAL EMERGENCY RESPONSE PLAN
FOR INCIDENTS AT THE
LIMERICK GENERATING STATION
IMPLEMENTING PROCEDURES

APRIL 1984

Copy Number _____

Draft 5

• Verification Message:

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

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

- a. Activated _____
(time)
- b. County DES Municipal Liaison Officer notified of EOC activation.
(431-6160) _____ (time)
- c. Check communication systems for operability. _____
(time)
- d. Establish EOC security. _____
(time)
- e. Monitor EBS station WCJJ 1420 AM. _____
(time)
- f. Ensure Route Alert Teams have been mobilized as necessary.
_____ (time)
- g. If public alert system has been activated, notify hearing
impaired. _____ (time)
- h. In the event of a siren failure, receive notification from the
County that appropriate Route Alert Teams have been dispatched.
_____ (Time)
- i. Log all messages which provide information or require action.
Post all pertinent data on the status board. _____ (time)
- j. Verify the County has assigned an ARES unit to the EOC. _____ (time)

5. Verify that the following have been notified:

	Telephone	Time
a. Schools		
Warwick Elementary	Harry Hess	_____
	Principal	_____ office

b. Verification Message:

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

6. Notify the following:

	Telephone	Time
a. Special Facilities		
(1) Warwick Park	_____	_____
	name/title	_____ office

(2) St. Peters Village Hotel

_____ office _____
name/title

* (3) French Creek and Hopewell Village

b. Message:

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

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

7. Ensure ARES operator contacts County ARES base upon arrival at Municipal EOC. _____
(time)
8. Review remaining emergency procedures in the event of escalation.
9. Report all unmet needs to County Municipal Liaison Officer (431-6160).
10. Maintain Alert status until notified of termination, escalation or reduction of classification:
 - a. Date: _____
 - b. Time: _____
 - c. Source: _____
 - d. Disposition
 - (1) Termination _____
 - (2) Escalation _____
 - (3) Reduction _____
11. If escalation, accomplish appropriate Implementing Procedure. If termination or reduction of classification, verify/notify the following:

a. Verification:	Telephone	Time
(1) Fire Department	_____	_____
(2) Ambulance	_____	_____
(3) Schools		

*Will be notified by Berks County.

Warwick Elementary

Harry Hess
Principal

[redacted] office _____

(4) Verification Message:

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

b. Notification:

		Telephone	Time
(1) Elected Officials			
(a) Ron Ewing		[redacted] home [redacted] office	_____ _____
(b) Ron Horosky		[redacted] home [redacted] office	_____ _____
(c) Raymond Peachey		[redacted] home [redacted] office	_____ _____
(2) Special Facilities			
(a) Warwick Park	_____ name/title	[redacted] office	_____
(b) St. Peters Village Hotel	_____ name/title	[redacted] office	_____
(c) French Creek and Hopewell Village	_____ name/title	_____ office	_____

(3) Message:

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

12. Remarks/Actions Taken:

*Will be notified by Berks County.

3. Verify that the following have been notified:

	Telephone	Time
a. Fire Department (Elverson)	_____	_____
b. Ambulance (Elverson)	_____	_____

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

4. Report to and activate the local Emergency Operations Center

- a. Activated _____
(time)
 - b. County Municipal Liaison Officer notified of EOC activation.
(431-6160) _____
(time)
 - c. Communications system checked for operability. _____
(time)
 - d. Establish EOC security. _____
(time)
 - e. Monitor EBS station WCOJ 1420 AM. _____
(time)
 - f. Ensure Route Alert Teams have been mobilized as necessary.

(time)
 - g. If the public alert system has been activated, notify hearing impaired. _____
(time)
 - h. In the event of a siren failure, receive notification from the County that appropriate Route alert Teams have been dispatched.

(time)
 - i. Log all messages which provide information or require action. Post pertinent data on status board. _____
(time)
 - j. Verify the County has assigned a ARES unit to the EOC. _____
(time)
5. Have additional emergency personnel report to the EOC (for 24-hour operation), or where needed.

	Telephone	Time
a. _____ name	_____ home _____ office	_____ _____
b. _____ name	_____ home _____ office	_____ _____
c. _____ name	_____ home _____ office	_____ _____
d. Message:		

(a) Ron Ewing _____ home _____
_____ office _____

(b) Ron Horosky _____ home _____
_____ office _____

(c) Raymond Peachey _____ home _____
_____ office _____

(2) Special Facilities

(a) Warwick Park _____ office _____
name/title _____

(b) St. Peters Village Hotel _____ office _____
name/title _____

(c) French Creek and Hopewell Village

(3) Message:

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

16. Remarks/Actions Taken:

3. Verify that the following have been notified:

	Telephone	Time
a. Fire Department (Elverson)	[Redacted]	_____
b. Ambulance (Elverson)	[Redacted]	_____
c. Verification Message:		

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

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

a. Activated _____ (time)

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

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

d. Establish EOC security. _____ (time)

e. Monitor EBS station WCOJ 1420 AM. _____ (time)

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

g. Log all messages which provide information or require response.
Post pertinent data on status board.

h. Verify the County has assigned an ARES unit to the EOC.

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

6. Verify that the following have been notified:

	Telephone	Time
a. Schools		
Warwick Elementary	Harry Hess Principal	[Redacted] office _____

b. Verification Message:

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

7. Notify the following:

		Telephone	Time
a. Special Facilities			
(1) Warwick Park	_____	_____ office	_____
	name/title		
(2) St. Peters Village Hotel	_____	_____ office	_____
	name/title		

* (3) French Creek and Hopewell Village

b. Message:

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

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

8. Verify Resource Availability:

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

9. Ensure Fire Services Officer has distributed dosimeters/KI to emergency workers and EOC staff. _____ (time)
10. Review road conditions with EOC staff, i.e., there is no construction or other activity which would hinder movement of personnel or vehicles to/from the area. Ensure that the Transportation Officer and the County Public Works Officer (431-6160) are aware of any problem areas. _____ (time)
11. Ensure ARES operator contacts County ARES base upon arrival at the municipal EOC. _____ (time)
12. If sheltering is recommended:
 - a. When the public alert system has been activated, notify hearing impaired. _____ (time)
 - b. Monitor EBS station to ensure proper instructions are being given to the general population. _____ (time)
 - c. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched. _____ (time)

*Will be notified by Berks County.

d. Ensure Access Control Points are manned.

13. If evacuation is ordered:

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

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

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

(time)

c. Ensure route alerting has commenced, if required. _____
(time)

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

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

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

g. Advise County Municipal Liaison Officer of any additional unmet needs (431-6160). _____
(time)

(1) _____

(2) _____

(3) _____

h. Monitor evacuation process and report any problem areas to the County Municipal Liaison Officer (431-6160). _____
(time)

(1) _____

(2) _____

(3) _____

14. Maintain General Emergency status until:

a. Reduction of classification. _____
(time)

b. Termination of emergency. _____
(time)

c. EOC must be evacuated. _____
(time)

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

a. Verification:

	Telephone	Time
(1) Fire Department (Elverson)	[REDACTED]	_____
(2) Ambulance (Elverson)	[REDACTED]	_____
(3) Schools		
Warwick Elementary	Harry Hess Principal	[REDACTED] office _____

(4) Verification Message:

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

b. Notification

	Telephone	Time
(1) Elected Officials		
(a) Ron Ewing	[REDACTED] home [REDACTED] office	_____ _____
(b) Ron Horosky	[REDACTED] home [REDACTED] office	_____ _____
(c) Raymond Peachey	[REDACTED] home [REDACTED] office	_____ _____
(2) Special Facilities		
(a) Warwick Park	_____ name/title [REDACTED] office	_____
(b) St. Peters Village Hotel	_____ name/title [REDACTED] office	_____
*(c) French Creek and Hopewell Village	_____ name/title _____ office	_____

(3) Message:

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

16. If the EOC must be evacuated:

*Notified by Berks County.

- a. If possible, wait until the municipality has been evacuated before leaving the EOC.
- b. Secure the facility and proceed to alternate EOC. _____
(time)
- c. Notify Chester County Municipal Liaison Officer upon your arrival at alternate EOC. _____
(time)

17. Remarks/Actions Taken:

*Will be notified by Berks County.

TRAFFIC CONTROL POINTS

<u>Post Number</u>	<u>Location</u>	<u>Responsible Police Organization</u>	<u># Officers Assigned</u>
28	Route 23 & Route 345	PSP	2
29	Route 23 & St. Peter's Road	PSP	2
Warwick 1	Route 23 & Trythall Road	Township	1
Warwick 2	Route 23 & County Park Road	Township	1

ACCESS CONTROL POINTS

<u>Post Number</u>	<u>Location</u>	<u>Responsible Police Organization</u>	<u># Officers Assigned</u>
216	Route 345 & Redding Furnance Road	PSP	Barricade
217	Route 345 & Route 23	PSP	1
218	Route 345 & Warwick Road	PSP	Barricade
219	Route 345 & Northside Road	PSP	Barricade
220	Route 345 & Harmonyville Road	PSP	1
221	Route 345 & Laurel Road	PSP	Barricade

ANNEX B

Implementing Procedure

Fire Services*

Fire Services Officer: Raymond Peachey
Alternate: (name)

UNUSUAL EVENT

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

ALERT

The Fire Services Officer shall:

1. Upon request of Emergency Management Coordinator, report to the EJC.
(time)
2. Ensure that normal fire protection services are maintained.
3. If required, ensure mobilization of sufficient personnel to meet Route Alert Team requirements and make assignments to vehicles (reference Appendix B-2). (time)
4. Inventory dosimeters/KI and prepare for distribution. If applicable, complete a Receipt Form for Dosimetry-Survey Meters-KI (reference Appendix B-4). (time)
5. Review remaining emergency procedures in the event of escalation.
6. Maintain Alert status until notified of termination, escalation or reduction of classification.
7. Remarks/Actions Taken:

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

Fire Services

SITE EMERGENCY

The Fire Services Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EOC. _____
(time)
 - b. Ensure normal fire protection services are maintained.
 - c. If required, ensure mobilization of sufficient personnel to meet Route Alert Team requirements and make assignments to vehicles (reference Appendix B-2). _____
(time)
 - d. Inventory dosimeters/KI and prepare for distribution. If applicable, complete a Receipt Form for Dosimetry-Survey Meters-KI (reference Appendix B-4). _____
(time)
 - e. Proceed to Step 2.
2. If escalation from Alert, or if proceeding from Step 1, then:
 - a. Mobilize additional personnel as necessary and have them report to fire station (reference Appendix B-1). _____
(time)
 - b. Distribute dosimeters/KI to municipal emergency workers (reference Appendix B-3); obtain a signed receipt (reference Appendix B-5). _____
(time)
 - c. Ensure Fire Department Emergency workers have been issued dosimeters/KI. _____
(time)
 - d. Review personnel/equipment inventory (reference Appendix B-1), verify availability, and report unmet needs to County EOC, Fire Services at 431-6160. _____
(time)
 - e. Review remaining emergency procedures in the event of escalation.
 - f. Maintain Site Emergency status until notified of escalation, termination or reduction of classification.
3. If termination, collect dosimeters and unused KI from emergency workers and prepare for return to County. _____
(time)
4. Remarks/Actions Taken:

Fire Services

GENERAL EMERGENCY

The Fire Services Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EOC. _____
(time)
 - b. Ensure mobilization of sufficient personnel to meet Route Alert Team requirements and make assignments to vehicles (reference Appendix B-2). _____
(time)
 - c. Inventory dosimeters/KI and prepare for distribution. If applicable, complete a Receipt Form for Dosimetry-Survey Meters-KI (reference Appendix B-4). _____
(time)
 - d. Distribute dosimeters/KI to municipal emergency workers (reference Appendix B-3); obtain a signed receipt (reference Appendix B-5). _____
(time)
 - e. Mobilize additional fire personnel and have them report to fire station (reference Appendix C-1). _____
(time)
 - f. Ensure Fire Department emergency workers have been issued dosimeters/KI. _____
(time)
 - g. Review personnel/equipment inventory (reference Appendix B-1), verify availability, and report unmet needs to County EOC, Fire Services at 431-6160. _____
(time)
 - h. Proceed to Step 2.
2. If escalation from Alert or Site Emergency, or if proceeding from Step 1, then:
 - a. Monitor route alerting, if required, and support as necessary. _____
(time)
 - b. Inform County EOC upon completion of all route alerting in municipality. _____
(time)
 - c. Relocate to alternate EOC. _____
(time)
3. If termination, collect dosimeters and unused KI from emergency workers and prepare for return to County. _____
(time)
4. Remarks/Actions Taken:

ROUTE ALERTING TEAMS

I. GENERAL

- A. The Warwick Township is divided into 3 Sectors.
- B. Each Sector is assigned a Route Alert Team (reference Attachment 1).
- C. Two (2) persons should be assigned to each team.

II. PURPOSE

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

III. PROCEDURES

- A. When dispatched by Chester County DES, commence route alerting in designated sectors (reference Attachment 2).
- B. Route Alerting is accomplished by driving slowly along designated roads, periodically activating the vehicle siren and making the following announcement on the PA system:

"There is an emergency at the Limerick Generating Station; please tune to your EBS station WCOJ 1420 AM."

- C. Upon completion of route, notify Chester County DES and return to station.

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

ROUTE ALERT TEAMS

Sector No. 1 Alert Team: _____ Fire Department

Leader: _____

Assistant: _____

Transient Location(s): _____ (TBD)

Hearing Impaired: List will be on file in the EOC.

Sector No. 2 Alert Team: _____ Fire Department

Leader: _____

Assistant: _____

Transient Location(s): _____ (TBD)

Hearing Impaired: List will be on file in the EOC.

Sector No. 3 Alert Team: _____ Fire Department

Leader: _____

Assistant: _____

Transient Location(s): _____ (TBD)

Hearing Impaired: List will be on file in the EOC.

MESSAGE - HEARING IMPAIRED

There is an emergency at the Limerick Generating Station.

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

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

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

WEST VINCENT TOWNSHIP
CHESTER COUNTY
RADIOLOGICAL EMERGENCY RESPONSE PLAN
FOR INCIDENTS AT THE
LIMERICK GENERATING STATION
IMPLEMENTING PROCEDURES

APRIL 1984

Copy Number _____

Draft 5

Deputy	_____	home	_____
George Burnley	_____	office	_____
(5) Public Works Officer	_____	home	_____
Lenore Richards	_____	office	_____
or			
Deputy	_____	home	_____
W. Hoy	_____	office	_____

Have key staff report to EUC. _____
(time)

3. Verify that the following have been notified:

	Telephone	Time
a. Police Department	_____	_____
b. Fire Department	_____	_____
c. Verification Message:		

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

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

- a. Activated _____
(time)
- b. County Municipal Liaison Officer notified of EOC activation.
(431-6160) _____
(time)
- c. Check communication systems for operability. _____
(time)
- d. Establish EOC security. _____
(time)
- e. Monitor EBS station WCOJ 1420 AM. _____
(time)
- f. Ensure Route Alert Teams have been mobilized as necessary.

(time)
- g. If public alert system has been activated, notify hearing impaired. _____
(time)
- h. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched.

(time)
- i. Log all incoming messages that provide information or require a response. Post pertinent data on status board. _____
(time)

5. Notify the following:

	Telephone	Time
a. Special Facilities		

(1) Camphill Village USA
Helen Zipperlen

(2) Laymens Home

(3) Black Angus Inn
Manager

_____ office _____

b. Message:

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

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

6. Ensure ARES operator contacts the County ARES base upon arrival at the Municipal EOC. _____

(time)

7. Report all unmet needs to the County Municipal Liaison Officer.

(time)

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

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

a. Date: _____

b. Time: _____

c. Source: _____

d. Disposition

(1) Termination _____

(2) Escalation _____

(3) Reduction _____

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

a. Verification:

(1) Police Department

Telephone

Time

(2) Fire Department

(3) Verification Message:

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

b. Notification:

	Telephone	Time
(1) Elected Officials		
(a) George M. Burnley	_____ home _____ office	_____ _____
(b) Proctor Wetherill	_____ home _____ office	_____ _____
(c) Lenore B. Richards	_____ home _____ office	_____ _____
(2) Special Facilities		
(a) Camphill Village USA Helen Zipperlen	_____	_____
(b) Laymens Home	_____	_____
(c) Black Angus Inn Manager	_____ office	_____
(3) Message:		
"This is _____ (name/title) _____. The emergency at the Limerick Generating Station has been terminated/reduced to Unusual Event."		

11. Remarks/Actions Taken:

(4) Police Services Officer	_____	home	_____
Barry Ritschard	_____	office	_____
or			
Deputy	_____	home	_____
George Burnley	_____	office	_____
(5) Public Works Officer	_____	home	_____
Lenore Richards	_____	office	_____
or			
Deputy	_____	home	_____
W. Hoy	_____	office	_____

Have key staff report to EOC. _____ (time)

3. Verify that the following have been notified:

	Telephone	Time
a. Police Department	_____	_____
b. Fire Department	_____	_____
c. Verification Message:		

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

4. Report to and activate the local Emergency Operations Center

- a. Activated _____ (time)
- b. County Municipal Liaison Officer notified of EOC activation. _____ (time)
- c. Check communication systems for operability. _____ (time)
- d. Establish EOC security. _____ (time)
- e. Monitor EBS station WCUJ 1420 AM. _____ (time)
- f. Ensure Route Alert Teams have been mobilized as necessary. _____ (time)
- g. If public alert system has been activated, notify hearing impaired. _____ (time)
- h. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched. _____ (time)
- i. Log all incoming messages that provide information or require a response. Post pertinent data on status board. _____ (time)

5. Have additional emergency personnel report to the EOC (for 24-hour operation), or where needed. _____
(time)
6. Ensure that appropriate EOC staff have placed their respective emergency workers on standby status.
7. Notify the following:

	Telephone	Time
a. Special Facilities		
(1) Camphill Village USA Helen Zipperlen	██████████	_____
(2) Laymens Home	██████████	_____
(3) Black Angus Inn Manager	██████████ ██████████ office	_____ _____

b. Message:

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

8. Verify Resource Availability:

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

9. Ensure Police Services Officer has distributed dosimeters/KI to emergency workers.
10. Review road conditions with EOC staff, i.e., there is no construction or other activity which would hinder movement of personnel or vehicles to/from the area. Ensure that the Transportation Officer and the County Director are aware of any problem areas. _____
(time)
11. Ensure ARES operator contacts the County ARES base upon arrival at the Municipal EOC. _____
(time)
12. Report all unmet needs to the County Municipal Liaison Officer. _____
(time)
13. Review remaining emergency procedures in the event of escalation.
14. Maintain Site Emergency status until notified of termination, escalation, or reduction of classification:

a. Date: _____

- b. Time: _____
- c. Source: _____
- d. Disposition:
 - (1) Termination _____
 - (2) Escalation _____
 - (3) Reduction _____







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

a. Verification:

- | | Telephone | Time |
|---------------------------|-----------|-------|
| (1) Police Department | _____ | _____ |
| (2) Fire Department | _____ | _____ |
| (3) Verification Message: | | |

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

b. Notification

- | | Telephone | Time |
|--|--|----------------|
| (1) Elected Officials | | |
| (a) George M. Burnley |  home
office | _____
_____ |
| (b) Proctor Wetherill |  home
office | _____
_____ |
| (c) Lenore B. Richards |  home
office | _____
_____ |
| (2) Special Facilities | | |
| (a) Camhill Village USA
Helen Zipperlen |  | _____ |
| (b) Laymens Home |  | _____ |
| (c) Black Angus Inn
Manager |  office | _____
_____ |

(3) Message:

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

16. Remarks/Actions Taken:

Implementing Procedure
Emergency Management Coordinator

GENERAL EMERGENCY

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

1. Document:





a. Date: _____

b. Time: _____

c. Source: _____

d. Details: _____

2. Notify:

	Telephone	Time
a. Elected Officials		
(1) George M. Burnley	 home office	_____ _____
(2) Proctor Wetherill	 home office	_____ _____
(3) Lenore B. Richards	 home office	_____ _____
b. Key Staff		
(1) Deputy Coordinator Harry White	 home office	_____ _____
(2) Communications Officer A. Gooding or Deputy R. Good	_____ home office _____ home office	_____ _____ _____ _____ _____ _____
(3) Transportation Officer Proctor Wetherill or Deputy Earl Church	_____ home office _____ home office	_____ _____ _____ _____ _____ _____

- (4) Police Services Officer _____ home _____
 Barry Ritschard _____ office _____
 or
 Deputy _____ home _____
 George Burnley _____ office _____
- (5) Public Works Officer _____ home _____
 Lenore Richards _____ office _____
 or
 Deputy _____ home _____
 W. Hoy _____ office _____

Have key staff report to EOC. _____ (time)

3. Verify that the following have been notified:

- | | Telephone | Time |
|--------------------------|-----------|-------|
| a. Police Department | _____ | _____ |
| b. Fire Department | _____ | _____ |
| c. Verification Message: | | |

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

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

- a. Activated _____ (time)
- b. County Municipal Liaison Officer notified of EOC activation. (431-6160) _____ (time)
- c. Communications system checked for operability. _____ (time)
- d. Establish EOC security. _____ (time)
- e. Monitor EBS station WCOJ 1420 AM. _____ (time)
- f. Ensure Route Alert Teams have been mobilized as necessary. _____ (time)
- g. Log all incoming messages that provide information or require a response. Post pertinent data on status board. _____ (time)

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

6. Notify the following:

- | | Telephone | Time |
|-----------------------|-----------|------|
| a. Special Facilities | | |

- (1) Camphill Village USA
Helen Zipperlen
- (2) Laymens Home
- (3) Black Angus Inn
Manager

_____ office _____

b. Message:

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

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

7. Verify Resource Availability:

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

(time)

- 8. Ensure Police Services Officer has distributed dosimeters/KI to emergency workers and EOC staff. _____

(time)

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

(time)

- 10. Review road conditions with EOC staff, i.e., there is no construction or other activity which would hinder movement of personnel or vehicles to/from the area. Ensure that the Transportation Officer and the County Director are aware of any problem areas. _____

(time)

- 11. Ensure ARES operator contacts the County ARES base upon arrival at the Township EOC. _____

(time)

- 12. Report all unmet needs to the County Municipal Liaison Officer. (431-6160) _____

(time)

- 13. If sheltering is recommended:

- a. When the public alert system has been activated, notify hearing impaired. _____

(time)

- b. Monitor EBS station to ensure proper instructions are being given to the general population. _____

(time)

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

_____ (time)

14. If evacuation is ordered:

- a. When the public alert system has been activated, notify hearing impaired. _____
(time)
- b. Monitor EBS station to ensure proper instructions are being given to the general public.
- c. In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched.

(time)
- d. Ensure Traffic Control Points have been manned. _____
(time)
- e. Assign sufficient emergency workers to Transportation Officer to support transportation resources, i.e., one emergency worker should be available for each vehicle used to evacuate those persons who do not have transportation. _____
(time)
- f. Advise County Municipal Liaison Officer of any additional unmet needs. (431-6160) _____
(time)
 - (1) _____
 - (2) _____
 - (3) _____
- g. Monitor evacuation process and report any problem areas to the County Municipal Liaison Officer _____
(time)
 - (1) _____
 - (2) _____
 - (3) _____

15. Maintain General Emergency status until:

- a. Reduction of classification. _____
(time)
- b. Termination of emergency. _____
(time)
- c. EOC must be evacuated. _____
(time)

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

a. Verification:

- (1) Police Department
- (2) Fire Department

Telephone	Time
_____	_____
_____	_____

(3) Verification Message:

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

b. Notification

	Telephone	Time
(1) Elected Officials		
(a) George M. Burnley	_____ home _____ office	_____ _____
(b) Proctor Wetherill	_____ home _____ office	_____ _____
(c) Lenore B. Richards	_____ home _____ office	_____ _____
(2) Special Facilities		
(a) Camphill Village USA Helen Zipperlen	_____	_____
(b) Laymens Home	_____	_____
(c) Black Angus Inn Manager	_____ office	_____
(3) Message:		

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

17. If the EOC must be evacuated:

- If possible, wait until the Township has been evacuated before leaving the EOC.
- Secure the facility and proceed to alternate EOC. _____ (time)
- Notify Chester County Municipal Liaison Officer upon your arrival at alternate EOC. _____ (time)

18. Remarks/Actions Taken:

ANNEX B
Implementing Procedure
Police Services*

Police Services Officer: Barry Ritschard
Alternate: George Burnley

UNUSUAL EVENT

No response necessary unless police services are required at the Limerick Generating Station.

ALERT

The Police Services Officer shall:

1. Upon request of Emergency Management Coordinator, report to the EUC.
_____ (time)
2. Ensure that normal police functions are maintained.
3. Inventory dosimeters/KI and prepare for distribution. If applicable, complete a Receipt Form for Dosimetry-Survey Meters-KI (reference Appendix B-4). _____ (time)
4. Review remaining emergency procedures in the event of escalation.
5. Maintain Alert status until notified of termination, escalation or reduction of classification.
6. Remarks/Actions Taken:

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

Police Services

SITE EMERGENCY

The Police Services Officer shall:

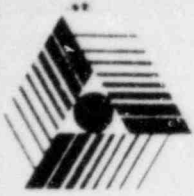
1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EOC. _____
(time)
 - b. Ensure normal police functions are maintained.
 - c. Inventory dosimeters/KI and prepare for distribution. If applicable, complete a Receipt Form for Dosimetry-Survey Meters-KI (reference Appendix B-4). _____
(time)
 - d. Proceed to Step 2.
2. If escalation from Alert, or if proceeding from Step 1, then:
 - a. Mobilize, if necessary, additional police personnel (reference Appendix B-1) and have them report to police station. _____
(time)
 - b. Review personnel/equipment inventory (reference Appendix B-1), verify availability, and report unmet needs to County EOC, Police Services at 431-6160. _____
(time)
 - c. Distribute dosimeters/KI to municipal emergency workers (reference Appendix B-3); obtain a signed receipt (reference Appendix B-5). _____
(time)
 - d. Ensure police emergency workers have been issued dosimeters-KI. _____
(time)
 - e. Review remaining emergency procedures in the event of escalation.
 - f. Maintain Site Emergency status until notified of termination, escalation or reduction of classification. (NOTE: If a protective action is recommended at Site Emergency, accomplish the appropriate steps indicated in the General Emergency section.)
3. If termination, collect dosimeters and unused KI from emergency workers and prepare for return to the County. _____
(time)
4. Remarks/Actions Taken:

Police Services

GENERAL EMERGENCY

The Police Services Officer shall:

1. If this is the first notification received or if escalation from Unusual Event, then:
 - a. Report to the EOC. _____
(time)
 - b. Mobilize additional police personnel and have them report to police station (reference Appendix B-1). _____
(time)
 - c. Review personnel/equipment inventory (reference Appendix B-1), verify availability, and report unmet needs to County EOC, Police Services at 431-6160. _____
(time)
 - d. Inventory dosimeters/KI and prepare for distribution. If applicable, complete a Receipt Form for Dosimetry-Survey Meters-KI (reference Appendix B-4). _____
(time)
 - e. Distribute dosimeters/KI to municipal emergency workers (reference Appendix B-3); obtain a signed receipt (reference Appendix B-5). _____
(time)
 - f. Proceed to Step 2.
2. If escalation from Alert or Site Emergency, or if proceeding from Step 1, then:
 - a. If recommended protective action is sheltering,
 - (1) If requested, have Police Department personnel assist Fire Department with route alerting (reference Communications Implementing Procedure). _____
(time)
 - (2) Initiate increased security measures, i.e., increase vehicular patrols. _____
(time)
 - b. If recommended protective action is evacuation,
 - (1) Ensure Traffic Control Points are manned (reference Appendix B-2). _____
(time)
 - (2) After population has evacuated, ensure police relocate to _____
(time)
 - (3) Relocate to alternate EOC after population has departed. _____
(time)



RELATED CORRESPONDENCE

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

DOCKETED
USNKC

'84 AGO 23 A11:53

August 8, 1984

OFFICE OF SECURITY
DOCKETING & SERVICE
BRANCH

Mrs. Susan Davidson
Bright Spot Kindergarten
P. O. Box 802
Collegeville-Trappe, PA 19426

Dear Mrs. Davidson:

Just a note to confirm our telephone conversation regarding a meeting.

Looking forward to seeing you August 29, 1984, at 11:00 a.m.

Sincerely,

Henry C. Tamanini
Henry C. Tamanini

HCT/dlt



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

RELATED CORRESPONDENCE

DOCKETED
USNRC

August 8, 1984

'84 AGO 23 A11:53

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

OFFICE OF SECRETARY
DOCKETING & SERVICE
BRANCH

Dear Mr. Campbell:

Based on my recent contacts with the parochial (catholic) schools of Chester County within the Limerick EPZ, I forward the following information:

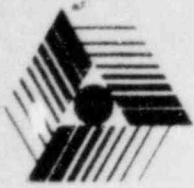
Holy Trinity School (221 Dayton Street, Phoenixville, PA 19460) will have a new principal this fall. Her name is Sister Maria Rose.

As in the past, I will keep your office informed of any and all developments.

Sincerely,

Henry C. Tamanini
Henry C. Tamanini

HCT/dlt



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) 434-5000

DOCKETED
USNRC

August 8, 1984

'84 AGO 23 A11:53

OFFICE OF SECRETARY
DOCKETING & SERVICE
BRANCH

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

Dear Mrs. Carson:

Just a note to confirm our meeting of Wednesday, August 22, 1984,
at approximately 10 a.m.

I am looking forward to visiting your facility again.

Sincerely,

Henry C. Tamanini
Henry C. Tamanini

HCT/dlt



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) 434-5207

RELATED CORRESPONDENCE

DOCKETED
USNRC

August 8, 1984

'84 AGO 23 A11:53

Mr. A. L. Bigelow
Montgomery County Office of
Emergency Preparedness
100 Wilson Boulevard
Eagleville, PA 19403

OFFICE OF SECRETARY
DOCKETING & SERVICE
BRANCH

Dear Mr. Bigelow:

Based on my contacts with the parochial (Catholic) schools of the Montgomery County portion of the Limerick EPZ, I present the following:

1. Sacred Heart School, Royersford will have a new principal this fall, Sister Mary Fitzgibbons.
2. Saint Gabriel, Stowe has a new principal, Sister Electa.

As in the past, you will receive periodic updates and copies of all correspondence.

Sincerely,

Henry C. Tamanini
Henry C. Tamanini

HCT/dlt



ENERGY CONSULTANTS

RIVERSIDE OFFICE CENTER 372101 N. FRONT ST. / HARRISBURG / PA 17110 / PH. (717) 236-0031
CORPORATE OFFICE: 121 SEVENTH STREET / PITTSBURGH PA 15222-3487 / PH. (412) 434-5200

RELATED CORRESPONDENCE

DOCKETED
USNRC

August 8, 1984

'84 AGO 23 A11:53

Dr. Robert B. Murray
Superintendent
Phoenixville Area School District
1120 Gay Street
Phoenixville, PA 19460

OFFICE OF THE CLERK
DOCKETING & SERVICE
BRANCH

Dear Dr. Murray:

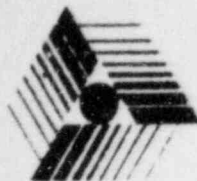
Just a note to confirm our meeting of August 28, 1984 at 10:00 a.m.

I am looking forward to seeing you again.

Sincerely,

Henry C. Tamanini
Henry C. Tamanini

HCT/dlt



ENERGY CONSULTANTS

RIVERSIDE OFFICE CENTER 3-2101 N. FRONT ST. / HARRISBURG / PA 17110 / PH (717) 236-2031
CORPORATE OFFICE: 121 SEVENTH STREET PITTSBURGH, PA 15202 3467 / PH (412) 434-5200

DOCKETED
USNRG

July 30, 1984 '84 AGO 23 A11:53

OFFICE OF SECRETARY
DOCKETING & SERVICE
BRANCH

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

PHILADELPHIA ELECTRIC COMPANY

LIMERICK GENERATING STATION

OFFSITE TRAINING PROGRAM

RECEPTION CENTER PERSONNEL

DOCKETED
USNRC

'84 AGO 23 11:56 Instructor Note

I. INTRODUCTION

A. Limerick Generating Station

Philadelphia Electric Company is currently building the Limerick Generating Station in Limerick, PA. Since the facility is a nuclear power plant, the federal government and state law requires that plans be developed and tested to provide for the safety of nearby communities should an accident occur at the Limerick plant. Energy Consultants of Harrisburg, an emergency planning firm, was contracted by Philadelphia Electric Company to assist municipalities, school districts, and health care facilities in the development of the plans. In addition to assisting in the planning process, Energy Consultants has been contracted to develop and present training programs for individuals expected to respond to an incident at the Limerick plant. Training programs are currently being conducted for county and municipal officials, emergency response organizations such as fire, emergency medical, hospitals and other interested organizations.

Slide - ECI
Slide

B. Objectives

In this training program we will discuss radiation, emergency plans, and the activities and responsibilities of the reception center. At the end of this training participants should be able to:

1. Define three types of radiation and the characteristics of each one.
2. Define terms used in measuring ionizing radiation. Slide - Topics for discussion

3. Protective actions that could be recommended for the general public.
4. Determine the activities and responsibilities of the reception and mass care centers.
5. Cite the actions that can be taken to better handle reactions to psychological stress.
6. Implement the response actions to be taken by reception center personnel at each of the four incident classifications.

II. NUCLEAR POWER & EMERGENCY PLANNING

A. Power Plant Operation

The nuclear-electric power plant produces commercial electric power using the conventional heat-to-steam method. The energy source, however, is the nuclear fuel contained in the nuclear reactor. The reactor, serving as the furnace, provides the heat through the nuclear fission process, which is the splitting of atoms.

*Slide - Heat-to-
Steam process
*Slide - Fission
process

B. Emergency Planning Changes Since Three Mile Island

1. Compared to other industries, the nuclear industry has had a relatively safe history. Although incidents have occurred at several nuclear reactors, no deaths have ever resulted from radiation due to an incident at a commercial nuclear reactor.
2. The accident at Three Mile Island has received the most media coverage. The Three Mile Island Unit No. 2, through a series of mechanical failures and human misjudgements, experienced damage that resulted in a minor release of radiation to the atmosphere. The actual radiological impact was less than the amount of radiation received by a person smoking only two packs of cigarettes in a entire lifetime (83 rem).
3. Prior to this time, many people were convinced that accidents such as this could not happen.

Slide - TMI
Collage of TMI

However, since the accident at Three Mile Island, public officials, and the nuclear industry as well, have realized the need for protecting communities located near nuclear reactors.

Articles

4. During the last five years, many steps have been taken to better protect the safety of the nuclear reactors and community residents.
 - a. Development of emergency plans regarding the utility's and communities' responses to an accident as mandated by the federal government.
 - b. Training programs for utility employees and community emergency response organizations.
 - c. Redundant safety systems on the reactor.
 - d. Improved of communications systems to notify public officials and alert the general public of any possible accidents.

Slide -
Improved Safety
Systems

III. INTRODUCTION TO RADIATION

A. Ionizing Radiation

Radiation is the transmission of energy through Space. Light waves and radio waves are forms of radiation. Those types of radiation with which we are concerned in this training session are those types that can chemically alter living cells.

Slide- Types
of radiation

These types are called "ionizing radiation." Should an incident occur at the power plant, state and county officials would be concerned that some of the materials that emit ionizing radiation might escape from the plant and affect community residents and livestock.

Slide -
Ionizing
Radiation

There are various types of ionizing radiation. Of these, alpha, beta and gamma are of primary concern should a release ever occur at the Limerick Generating Station

1. Alpha radiation is the largest form of ionizing radiation, although it cannot be seen. Because of its size, alpha have a short range and low penetrating power. Alpha particles will not penetrate the surface of the skin. Alpha can be

Slide - alpha

stopped completely by a sheet of paper. However, they are hazardous if taken into the body through breathing or by swallowing with food or water.

2. Beta radiation is smaller than alpha so it can travel farther and has more penetrating ability. Betas can cause damage to the skin similar to sunburn, but cannot penetrate through the skin. Beta radiation is also a concern if taken into the body through breathing or swallowing. A 1/10 inch sheet of aluminum can stop beta radiation.
3. Gamma radiation is very similar to x-rays except that gammas originate in the nucleus. Just like x-rays, gammas can pass through the human body, but would be almost completely absorbed by 40 inches of concrete. Gamma radiation is capable of damaging internal organs.

Slide - beta

B. Radiation Terms

There are several terms associated with radiation that you may encounter.

Slide - Radiation vs. Radiation

1. Contamination occurs when radioactive material is placed on persons or things where it is not wanted. Contamination is detected by a survey meter. He/she can usually be decontaminated by washing with warm water and soap.
2. Exposure is the amount of energy that gamma radiation deposits in the air. Exposure does not make a person contaminated.
3. Dose is the amount of radiation that is absorbed. Dose is not necessarily as high as exposure. The possible effects can best be evaluated when the quantity of the material is known and the rates at which it is received are known.

C. Measuring Radiation

Just as there are terms used for measuring distance (inches, miles, meters) or weight (ounces, pounds, grams) we have terms for measuring radiation.

1. Roentgen - is the unit of measurement used for exposure. It measures the amount of gamma radiation in air. Slide - roentgen
2. Rem (Roentgen Equivalent Man) - amount of radiation absorbed by human tissue; the rem is simply a way of expressing radiation in terms of its impact on man. Although these terms have technical differences, for our purposes both units can be used to measure the same thing. Slide - rem
3. One last term we will be using is the prefix milli, usually in the term milliroentgen. Milli is a prefix used in the metric system. One thousand milli equal one. Therefore 1,000 milli-roentgen equal one roentgen. Measurements given in milliroentgens or millirems usually involve low levels of radiation which could be released during an incident at a nuclear power plant. Slide - 1000 milli- rem=1 rem.

D. Types Of Radiological Equipment

Radiological instruments are used to measure radiation exposure or exposure rates or dose. The issuing of dosimetry does not mean that a release has occurred or will occur. Dosimetry may be used as a precautionary measure only. Should an incident occur at Limerick, two distinct types of measuring equipment would be required for emergency workers. Slide- Dosimetry pro's and con's

1. Self-reading dosimeters are used to measure total exposure to gamma radiation; and measure in roentgen (R) or milliroentgen (mr).
2. Thermoluminescent Dosimeter are more accurate than self reading dosimeters; however, readings can only be obtained through the use of special equipment. TLD's measure dose in rem and measure both beta and gamma radiation. Slide - Pro's and Con's of TLD's
3. Survey Meters measure exposure rate in roentgen per hour.

E. Protection Actions

Compared to other industries, the nuclear industry has experienced a relatively safe history. However, Slide - Map of 2 EPZ's 14-H

the accident at Three Mile Island proved that even with all the back-up systems, equipment can fail. Shortly after the TMI accident, the federal government prepared planning guidance for state and county emergency management agencies. This guidance set forth criteria that radiological response plans must met in order to be approved by the federal government.

F. Emergency Planning Zones (EPZ's)

The federal government determined there are two different zones around a nuclear power plant for which plans must be written to protect the residents of those areas.

Slide - Map
of Limerick
PEP-EPZ 54-A

1. Plume Exposure Pathway EPZ

The approximate ten-mile radius around a nuclear power plant where the hazards from a release would be from:

- a. Exposure from a passing plume composed of radioactive materials and gases, or
- b. Breathing air containing radioactive particles or gases from a passing plume.

2. Ingestion Exposure Pathway EPZ

A fifty-mile radius surrounding a nuclear plant site where the main source of exposure would be from eating or drinking contaminated foods or water. Health officials would perform sampling in this area to ensure that no contaminated meats, crops or milk would be present.

G. Protective Action Options for the Plume Exposure Pathway

Those actions taken to avoid or reduce projected exposures to radiation. The selection of a particular protective action by State and county officials depends upon the conditions of the emergency.

1. For the general public

Slide - "Sheltering"

a. Sheltering

- (1) When this action is recommended, the public will be advised to seek shelter in a permanent, reasonably airtight structure, such as a house, commercial building or office building. The public will be instructed to close doors and windows and to reduce outside air intake from heating or cooling systems.
- (2) Persons traveling by motor vehicle in the risk area will be advised to close windows and vents and to turn off heating or cooling systems. Slide - Closing Windows

b. Selective Evacuation

- (1) When selective evacuation is recommended, specific populations may be evacuated due to increased susceptibility. Slide - Selective evacuation
- (2) Such populations may include pregnant women, pre-school children, or the infirm. Slide - pre-school children

c. Evacuation

- (1) When an evacuation is recommended, all members of the public will be advised to leave the risk area until it has been determined that all danger has passed. Slide - "Evacuation"
- (2) The Governor reserves the right to compel an evacuation of any risk area should such an evacuation become necessary. Slide - Traffic
- (3) Evacuation concepts Slide - Evacuation concepts

(a) Spontaneous Evacuation

The evacuation of members of the general public on their own and prior to the recommendation or order of public officials.

Although an evacuation of the general public surrounding Three Mile Island

was never recommended by public officials, certain studies estimated that 48-52% of the general public evacuated without being instructed to do so by officials. This is important because there will be less people to evacuate

(b) Main Evacuation Routes

Those roadways identified in advance as the principal routes to evacuate people from the risk area. Specific evacuation routes have been designated in the plans. Local conditions would determine actual evacuation routes to be used.

Slide - EPZ
with main
evacuation
routes

(c) Pick-Up Points

Members of the general public without automobiles or other means of transportation will be provided with transportation out of the risk area.

(d) Traffic Control Points

Those predesignated locations established on main evacuation routes that would be staffed by local or State Police in order to provide ease of access and continued movements of traffic. Traffic control points will be established at each school within the risk area and main intersections.

Slide - EPZ
with traffic
control points
and access
control
points

(e) Access Control Points

Those predesignated locations staffed by local police, the State Police, or by the National Guard in order to prevent entry into the risk area during an accident. These points will be located on or immediately beyond the 10-mile

EPZ. Check points will stop all people from entering an area, except residents.

(f) Host Schools

Those places where school students and staff will be evacuated to and later reunited with their families.

Slide - EPZ
Host schools
Mass care
centers
reception
centers

(g) Reception Centers

Those predesignated sites outside the plume exposure pathway EPZ through which evacuees will pass to obtain information and directions to mass care centers. A reception center may be located in risk or support county.

(h) Mass Care Centers

Those facilities established outside the risk area at the time of an accident for the purpose of providing food, lodging and medical care on a short or long-term basis for persons evacuating the risk area. Evacuees and their vehicles will be monitored and decontaminated if necessary.

(i) Central Resource Receiving Points

A location outside the risk area suitable for receiving and distributing supplies and equipment.

Slide - CR
Receiving points
decontamination
stations and
transportation
staying areas

(j) Transportation Staging Area

A designated location from which transportation resources are coordinated and/or dispatched (county and municipal).

(k) Decontamination Station

A facility just outside the plume exposure pathway EPZ where emer-

gency workers undergo decontamination monitoring and, if necessary, are decontaminated.

H. Public Alert/Notification System

1. If an accident were to occur at the LGS, emergency public information activities would be initiated to inform the public of the nature and severity of the accident. Emergency public information will be coordinated through news releases by the State, in addition to facility and key response organization spokespersons.
2. The Nuclear Regulatory Commission requires that a warning system be installed around every operating nuclear power plant. The system must provide the capability for alerting and providing information to residents of the plume exposure pathway EPZ.
3. The public alert/notification system refers to sirens primarily for the alert and the Emergency Broadcast System for notification of the general public. Monitor, mobile loudspeakers, and other special provisions for alerting supplement the sirens for public alert.
4. The siren system is designated to alert the population at risk to tune to their Emergency Broadcast System (EBS) for important emergency information or instructions.
5. The siren system would be activated from county offices. The siren system would produce a 3-5 minute steady tone and would be sounded to advise persons living, working or traveling in risk portions of the county to tune to the EBS stations for further information.
6. Should any of the sirens fail to sound, the systems would alert County Officials. Route alert teams would then be dispatched to provide public alert through the use of public address systems of bullhorns.

IV. HOST FACILITIES

A. Reception Center

The reception center functions as a point outside the 10-mile EPZ from which evacuees can be assigned and directed to mass care centers. Community residents using the evacuation routes designated in public information brochures will arrive at one of 16 reception centers.

Slide - reception center - parking lot

1. Responsibilities

- a. Reception center personnel will assign evacuees to activated mass care centers. The Red Cross will provide information on which mass care centers have been activated.
- b. Personnel will distribute care center direction maps to evacuees. One map will be given to each evacuee. Once all the maps to a particular mass care center have been distributed, meaning that mass care center is at its capacity, reception center personnel will begin distributing the next set of maps. Personnel will not divide family groups when distributing maps.
- c. Traffic control personnel will assist with traffic consolidation and flow.

reception center personnel handing info to driver

2. Personnel Assignments

Reception center staff will be assigned to one of the following activities.

- a. Traffic Control
- b. Communications
- c. Distribution Officer map distribution/mass care assignments
- d. Records Coordinator maintenance of evacuee head count

Reception centers will be staffed by:

Radio Emergency Associated Citizens Team (READ)

Radio Amateur Civil Emergency Service (RACES)

Amateur Radio Emergency Service (ARES)

- Montgomery County

Licensed volunteer radio amateur communications personnel, equipped and affiliated with the county EMA. Services would be implemented if telephone communications are unavailable.

- Berks County - React - 2

- Chester County - 39 Ares contacts

3. Physical Layout and Organization of Facilities
Usually located at a facility with a large parking area. Ex. high schools, malls, etc.

4. Operations

Overhead

- a. As evacuees arrive at the reception center, they should be evaluated as to mass care needs, assigned to appropriate mass care accommodations, and provided with strip maps to mass care centers.
- b. Reception center staff should maintain accurate records of vehicles and evacuees processed and mass care center assignments. This information should be continuously monitored so that mass care centers are not overfilled.
- c. Report figures on evacuees processed, mass care assignments, and any unmet needs to the County EOC on an hourly basis.

- B. Mass Care Center

Slide - of
mass care center

Mass care centers will provide food and shelter to people who otherwise would have no place to stay during an evacuation. All mass care centers are located outside a 20-mile radius from the Limerick Generating Station. The mass care centers associated with each reception center will be opened sequentially; as each primary care center is filled, the county will be notified so that another (secondary)

care center can be activated. Reception centers will maintain radio contact with the County EOC.

1. Activities

All mass care centers have facilities for heating, lighting, cooking, water and sanitary facilities.

Evacuees will be monitored for radiation exposure if the Bureau of Radiation Protection warrants that decontamination is necessary.

All persons will be registered and family units kept together if at all possible. As each family or individual is registered, they are assigned space. Cots, blankets and chairs are furnished.

2. Locations

Refer to county listing of reception centers and associated mass care centers.

Need Co. listing to take along

3. Communications

Radio communications will be maintained between the mass care center and the County EOC as care centers are filled.

C. Psychological Stress

Psychological stress -Slide-

An emergency or disaster situation places psychological stress on people. Most people will not panic and will develop ways to cope with the situation. Some individuals, especially children and elderly persons, may suffer more serious reactions to stress.

During an evacuation, people coming to the reception center may exhibit a wide range of stress reactions. In addition to the tasks of care center assignment, map distribution, and traffic control, it is a goal of the reception center to help reduce the mental anguish of evacuees.

Reduce mental anguish -Slide-

Causes of Disaster Stress

If an evacuation is required during a radiological emergency, people will be concerned, nervous and

worried about several things, including:

- missing or lost loved ones
- disruption of normal living patterns
- confused in strange surroundings with an uncertain future
- potential health damage from radiation

Slide of these

Handling Distressed People

Psychologically distressed people may not be appeased by generalities and reassurances. These only lead to misperceptions and feelings of being misled. When dealing with distressed people in emergency situations, give them as clear and complete information as possible.

Your contact with those affected by the emergency will be brief, as the evacuees will stop at the reception center only long enough to pick up maps. Even in this short time, it is possible to provide psychological support through your interaction.

Confidence - In a crisis, people will follow a leader who provides direction, inspires confidence, and helps structure an unclear, threatening situation. Demonstrate your personal leadership by speaking with confidence when giving information and direction.

Sympathy - Sympathetic, friendly interaction is an important part of successful, psychological support. You are not herding cattle - these are people. Talk to them, not at them.

D. Response Actions

Every incident that occurs at the plant can be categorized into one of four incident classifications.

1. Unusual Event

2. Alert
3. Site Emergency
4. General Emergency

The Unusual Event and Alert stages provide early and prompt notification of minor events which could lead to more serious consequences given operator error or equipment failure. The graduation of classifications provides time for emergency organizations to notify members, assemble equipment, and prepare to activate. By the time a more serious classification is reached, the emergency organizations are prepared to give a full response.

Incident
Classifications

1. Unusual Event

- a. No releases of radioactive material requiring offsite response or monitoring are expected unless further degradation of safety systems occur.
- b. Usually on such a scale that the on-shift emergency organization can handle the situation (possibly with assistance from local fire or police department).
- c. State and local authorities are notified to allow them time to bring their emergency organizations to a state of readiness.
- d. No action is required for reception center personnel.

Overheads

Examples:

- Fire within plant lasting more than 10 minutes.
- Security threat or attempted entry.
- Abnormal coolant temperature or pressure or fuel temperature outside of technical specification limits.

2. Alert

Class Description

- a. Any releases expected to be limited to small fractions of EPA Protective Action Guideline exposure levels.
- b. Onsite emergency organization is activated to make sure emergency personnel are available if situation becomes more serious or

Examples:

- Primary coolant leak rate greater than 50 gpm.
- Fuel damage accident with release of radioactivity to containment or

if radiation monitoring is required.

- c. State and local authorities are notified and provided with updates on plant status every 15 minutes.
- d. Notification will be received by the Co.
- e. Reception center managers and staff are notified and placed on standby. A RACES team and traffic control personnel are assigned and placed on standby.
- f. Coordinate with Distribution Officer and Records Officer to inventory and prepare for distribution reception center maps, forms and supplies.
- g. Coordinate with county to receive any changes in routing resulting from detours, road changes, facility changes etc.
- h. Review any route/facility changes with the Traffic Control Coordinator or Distribution Officer and modify maps/supplies, as required.

fuel handling building.
*Severe natural phenomena (flood or hurricane winds near design levels).

3. Site Emergency

Class Description

- a. Any releases not expected to exceed EPA Protective Action Guidelines exposure levels except near site boundary.
- b. Activate onsite emergency organization and Emergency Operations Facility to assure that:
 - * Response centers are manned.
 - * Monitoring teams are dispatched.
 - * Consultation and updates to offsite authorities are provided.

Examples:

- * LOCA greater than makeup pump capacity.
- * Loss of offsite power and onsite AC power for more than 15 minutes.
- * Effluent monitors detect levels corresponding to greater than 50 mR/hr for 1/2 hour or greater than 500 mR/hr Whole Body for 2 minutes at the site boundary for adverse meteorology.

c. Response:

- Reception centers are placed on standby status.
- Mass Care Officer contacts reception center facility owner/operator to notify them of the need to use facility.
- Reception Center Managers notify staff to report to assigned centers and managers pick up strip maps from the county EOC.
- At the reception center, the manager will brief the staff and review responsibilities and procedures.
- Coordinate with Distribution Officer and Records Officer to inventory and prepare for distribution reception center maps, forms and supplies.
- Coordinate with county to receive any changes in routing resulting from detours, road changes, facility changes, etc.

4. General Emergency

Class Description

- a. Releases can be reasonably expected to exceed EPA Protective Action Guideline exposure levels offsite for more than the immediate site area.
- b. Sheltering (staying inside) is the immediate protective action until assessment can be made on evacuation.
- c. Reception centers are activated:
 - Staff will be assigned to distribute maps or to assist with traffic control.

Examples:

- Effluent monitors detect levels corresponding to 1 rem/hr Whole Body or 5 rem/hr Thyroid at the site boundary under actual meteorological conditions.
- Loss of 2 of 3 fission product barriers with a potential loss of 3rd (loss of primary coolant)

- Reception center managers will maintain communications with the County EOC through RACES, ARES or REACT.

boundary clad failure and potential loss of containment).

- Loss of physical control of plant facility.

Recovery:

PHILADELPHIA ELECTRIC COMPANY

LIMERICK GENERATING STATION

OFFSITE TRAINING PROGRAM

DISPATCHER TRAINING MODULE

Instructor's Notes

I. Introduction

A. Purpose

To assist county dispatcher's to become an effective member of their county's emergency management team responding to a accident at the Limerick Generating Station.

B. Objectives

Following the completion of this training session participants should be able to demonstrate:

1. A general understanding of the basic terms and concepts involving radiation hazards.
2. Orally or in writing the number, size and purpose of emergency planning zones around the Limerick Generating Station.
3. Orally or in writing the protective actions available to the general public for protection from radiological hazards why these actions can be effective, and the philosophy for choosing one after another.
4. A general knowledge of the Alert/Notification System, Public Information, and Rumor Control.

5. The ability to use the prelude telephone system and associated notification forms.
6. The ability to activate and test the public alert system.
7. The ability to use the county recall system.
8. A general knowledge of the county emergency operating center's recall system.
9. A thorough understanding of their individual responsibilities in the county's emergency management organization.

II. Radiation

The hazard associated with a nuclear power plant accident is the radiation emitted by radioactive materials that escape from the plant. If this radiation did not have the capability of causing harm, the necessity of planning for radiological emergencies would be minimal. Unfortunately just about anyone will tell you radiation is harmful. But how many people can tell you what radiation is?

A. Definition

1. Radiation is the transmission of energy through space or matter in the form of waves or particles. Most technical definitions like the one just given don't really create a vivid picture of what they are describing. Maybe a brief

SLIDE
Types of Rad.
Use Baseball
analogy
SLIDE Rad. vs.

analogy would help. [USE BASEBALL ANALOGY]

Rad. Material
Define Contam-
ination

2. Microwaves and radiowaves are a form of radiation. Visible light is a form of radiation. They harmful waves and particles associated with nuclear power plants is a form of radiation

B. Ionizing Radiation

Slide

1. The type of radiation you could be subjected to during a problem of the Limerick Station is different from radiation like visible light in that, it carries more energy. Enough energy to produce damage in living cells. [Use analogy of small boy and man throwing baseball. Which one can cause the most harm?]
2. There are three types of ionizing radiation you may be exposed to as a result of a problem at Limerick.
 - a. Alpha
 - b. Beta
 - c. Gamma

Slide -
Penetrations
of

Explain Each
one briefly, if
appropriate

[Stress connection between physical props.
and Protective Actions.]

C. Units of Measurement

1. To measure distance our society has develop

Slide - Roentgen

certain items or units to define specific amounts of distance. Units like inches, miles, feet, and yards are familiar to all of us. In order to discuss radiation, units, which define specific amounts of radiation must be used. The two most common units used to discuss levels of radiation are the roentgen and Rem. There is a different technical definition for each term but for our purposes it can be said that 1R = 1 Rem.

Slide - Rem.

Slide -1R=1Rem.

D. Effects of Radiation

1. The amount of radiation you receive primarily determines what effect it has on you. If you receive 100 Rem of radiation the effect on your body would be more severe than receiving 10 Rem of radiation. A person would have to receive at least 200 Rem of radiation before death would be possible. Though any radiation no matter how small, even 1 millimeter has a potential for causing cancer at a later time.

Slide -
Effects

Stress

Discuss Milli
if necessary

E. Measurement of Radiation

1. Since you cannot see, hear or feel radiation, in fact, a person who received 200 Rem of radiation would probably not know until several days later when symptoms began to appear.
2. In order for a person to minimize the amount of radiation he receives it is necessary for him to have some sort of device to measure or record the amount of radiation they are exposed to.

Radioactive
Slide

3. Every person classified as an emergency worker would receive 2 self-reading dosimeters and one TLD.

4. Use of Equipment

a. For the purposes of radiological response, dosimeters (including the CDV-730, CDV-742, DCA-622 and TLD's) would be used by emergency workers who may have been exposed to radiation due to their response activities.

(1) Dosimeters, such as, CDV-730's or CDV-742's, enable emergency workers to constantly determine their radiation exposure dose. This information would allow the emergency worker to determine how high of a dose of radiation they have received.

Slide 11-K

(2) Thermoluminescent dosimeters (TLD's) would also be worn by emergency workers. While these dosimeters are much more accurate than the CDV-730's or 742's, they cannot be read by the emergency personnel themselves, but must be read by special equipment at the conclusion of the emergency.

Slide 11-M

(3) Dosimeter-KI Report Forms would be filled out by emergency workers in order to record exposures received.

Slide 53-U

These records would be maintained by state officials.

III. Incident Classifications

Slide: 4
Incident classes

The protection actions to be taken during an emergency depend upon the seriousness of an incident at a fixed nuclear facility. The provision of information on the level of seriousness of an incident is extremely important since it will influence the level of response required. It is the responsibility of the facility to convey to county and state officials essential information concerning the level of emergency action. There are four incident classifications. They are: Unusual Event, Alert, Site Emergency and General Emergency.

A. Unusual Event

1. Definition

Unusual Event indicates that a minor problem has occurred in the normal plant operating procedures. At this point in time, county and state emergency management officials would be notified by the utility.

Slide - Unusual
Event 2-C

2. Purpose

Purpose of offsite notification is to (1) assure that the first step in any response later found to be necessary has been carried out, (2) bring the plant operating staff to a state of readiness,

and (3) provide systematic handling of information and decision making by keeping officials informed.

3. Examples of conditions that could initiate an Unusual Event:
 - a. Fire requiring offsite support.
 - b. Security threat or attempted unauthorized entry.
 - c. Failure of a safety or relief valve in a safety related system to close following reduction of applicable pressure.

B. Alert

1. Definition

Slide -
Alert 2-E

An Alert means that abnormal plant conditions exist and small amounts of radiation may be released. (During an Alert, emergency response organizations would be placed on standby. Key county and municipal staff would activate EOC's.)

2. Purpose

Purpose of offsite alert is to (1) assure that emergency personnel are readily available to respond if situation becomes more serious and (2) provide offsite site authorities current status information.

3. Examples of conditions that could initiate an Alert:
 - a. Uncontrolled fire potentially affecting safety systems.
 - b. Primary coolant leak rate greater than 50 gallons per minute.
 - c. Rapid gross failure of one steam generator tube with loss of offsite power.

C. Site Emergency

1. Definition

Site Emergency means that plant functions needed to protect the public have failed or may fail. Releases of radiological materials from the plant will be in very small amounts; however, protective actions could be recommended at this time depending upon plant, weather and road conditions.

Slide - Site
Emergency 2-5

2. Purpose

Purpose of the site emergency declaration is to
(1) assure that operations centers are manned,
(2) assure that state/utility monitoring teams are dispatched, (3) assure that emergency personnel required for evacuation are at duty stations if situation becomes more serious,

(4) provide consultation with offsite authorities, and (5) provide updates for the public through offsite authorities.

3. Examples of conditions that would initiate a Site Emergency:

- a. Fire resulting in degradation to plant safety systems.
- b. Imminent loss of physical control of the plant.
- c. Severe natural phenomena being experienced or projected with plant not in cold shutdown.

D. General Emergency

1. Definition

A General Emergency means that a threat to the general public either currently exists or is likely to occur in the near future. This is the most severe emergency action level and protective actions could be recommended at this time.

Slide-
General
Emergency 2-1

2. Purpose

Purpose of the general emergency declaration is to (1) initiate predetermined protective actions for the public, (2) provide continuous assessment of information from licensee and offsite organi-

zation measurements, (3) initiate additional measures as indicated by actual or potential releases, (4) provide consultation with offsite authorities (5) provide updates for the public through offsite authorities.

3. Examples of conditions that could initiate a General Emergency:

IV. Protective Actions

Compared to other industries, the nuclear industry has experienced a relatively safe history. However, the accident at Three Mile Island proved that even with all the back-up systems, equipment can fail. Shortly after the TMI accident, the federal government prepared planning guidance for state and county emergency management agencies. This guidance set forth criteria that radiological response plans must meet in order to be approved by the federal government.

Slide - Map of the two types of EPZ's 14-H

A. Emergency Planning Zones (EPZ's)

The federal government determined that there are two different zones around a nuclear power plant for which plans must be written to protect the residents of those areas.

1. Plume Exposure Pathway EPZ

The approximate ten-mile radius around a nuclear power plant where the hazards from a release would be from:

Slide - Map of Limerick PEP EPZ

54-A

- a. Exposure from a passing plume composed of radioactive materials and gases, or
- b. Breathing air containing radioactive particles or gases from a passing plume.

2. Ingestion Exposure Pathway EPZ

A fifty-mile radius surrounding a nuclear plant site where the main source of exposure would be from eating or drinking contaminated foods or water. Health officials would perform sampling in this area to ensure that no contaminated meats, crops or milk would be present.

B. Protective Action Options for the Plume Exposure Pathway EPZ

Those actions taken to avoid or reduce a projected dose of radiation. The selection of a particular protective action depends upon the conditions of the emergency. Basically there are 3 ways of reducing or avoiding a dose of radiation: shielding yourself with dense material to reduce your exposure, moving further away from the radioactive material or waiting for the radioisotopes to stabilize and lose their radioactivity or by limiting your time spent in the plume.

Slide -
Protective
Actions 15.1-U

Explain projected
dose.

Slide - mass
15-A distance
time

1. Philosophy for Protective Actions Options

The most appropriate action for a particular

situation will depend on the magnitude of the release, duration of the release, wind speed, wind direction, time of day and transportation constraints. Selection of an option is a judgment dependent upon the situation. Projected doses are calculated by the State (BRP) and would then be compared with the Federal and plant projected doses. Then a joint decision (BRP, PEMA) would be made.

2. Protective Actions for the General Public

a. Sheltering

When this action is recommended, the public will be advised to seek shelter in a permanent, reasonably airtight structure, such as a house, commercial building or office building. The public will be instructed to close doors and windows and to reduce outside air intake from heating or cooling systems. A reasonably air tight building should provide adequate protection for a period of two hours.

Slide - Sheltering 15-C
Slide - Closing windows 15.1-F
Slide - Car ventilation 15.1-G
Ask why this would reduce exposures.

b. Selective Evacuation

(1) Selective Evacuation is a protective action that provides for the evacuation of specific elements of the population such as pregnant women and preschool children who are more susceptible to radiation-induced damage or need

Slide- Selective Evacuation 15.1-A

additional time to evacuate.

- (2) The elements of the population affected by a selective evacuation will be advised to leave the risk area.

Slide - Children in day care centers 15.1-E

c. General Evacuation

Slide - "Evacuation" 15.1-B

- (1) Evacuation is a protective action which may be recommended to the people living or traveling through the plume exposure pathway EPZ. When a general evacuation is recommended, all members of the public will be advised to leave the risk area until it has been determined that all danger has passed.

- (2) Only the Governor has the authority to order an evacuation of the risk area should such an evacuation become necessary. County Commissioners or municipal elected board of officials may recommend evacuation.

Slide - Cars leaving urban area 15-M

V. Alert Notification

A. Alert/Notification System Overview

1. Initial Notification

- a. Federal regulations require that nuclear power plant personnel promptly notify County and State officials of any incidents.

Slide - Notification System

In accordance with NUREG - 0654 FEMA - REP - 1, Rev.1, "Prompt notification of offsite authorities is intended within 15 minutes for the Unusual Event class and sooner (consistent with the need for other emergency actions) for other classes."

- b. The plant personnel in the Control Room would provide initial notification to the state and counties immediately upon recognition that events have occurred which make declaration of an incident classification appropriate. Subsequent notifications from the plant could be made from the Technical Support Center or Emergency Operations Facility if these have been activated by Philadelphia Electric.
- c. Notification of the state and counties can be accomplished through the use of a direct telephone circuit, the LGS-OPX. Commercial telephone service would serve as back-up.
- d. During non-office hours, the facility licensee would contact the County Communications Center which will then contact the County Emergency Management Director/Coordinator.

2. Subsequent Notifications

- a. After the initial notification, the plant personnel would provide a follow-up message

to state. This would consist of more complete and detailed technical information required by BRP to calculate dose projections and to develop offsite protective action recommendations.

b. Should the incident escalate or de-escalate, plant personnel would again be required to notify State and thereby County officials. Every time a significant change occurs in plant conditions, plant personnel must continue to contact State and County officials.

c. BRP would notify the NRC, DOE and EPA, when conditions required notification.

Slide - State notification responsibilities
Explain "Support Counties"

d. PEMA would notify the support counties (Lehigh and Bucks Counties).

e. Montgomery, Chester and Berks Counties would notify risk municipalities, schools, hospitals, major industries, and appropriate local response organizations. These notifications would be accomplished by a installed computerized recall system at the County Dispatch Center.

Slide - Local notification responsibilities

f. State, Municipal and County radiological emergency response plans detail the specific procedures for the notification of designated departments and organizations, elected officials and staff, the verifica-

Slide - Verification responsibilities

tion of messages and the emergency action levels at which notifications will be made.

3. Public Alert/Notification

Slide - Siren

- a. If an accident were to occur at the LGS, emergency public information activities would be initiated to inform the public of the nature and severity of the accident. Emergency public information will be coordinated through news releases by the State, in addition to facility and key response organization spokespersons.
- b. The Nuclear Regulatory Commission requires that a warning system be installed around every operating nuclear power plant. The system must provide the capability for alerting and providing information to residents of the plume exposure pathway EPZ.
- c. The public alert/notification system refers to sirens primarily for the alert and the Emergency Broadcast System for notification of the general public. Monitors, mobile loudspeakers, and other special provisions for alerting supplement the sirens for public alert.
- d. The siren is designed to alert the population at risk to tune to their Emergency Broadcast System (EBS) for important emergency information. The sounding of sirens

does not mean that the public should take shelter or evacuate. The sirens only indicate that people should turn to the EBS for information or instructions.

- e. Specifically, this system has been designed for the capability to provide both an alert signal and an informational or instructional message to the population throughout the plume exposure pathway EPZ, within 15 minutes.
- f. Philadelphia Electric Company, following discussions with County and State officials, will purchase sirens to be installed as the alert portion of the public alert/notification system.
- g. The siren system would be activated from County Offices. The siren system would produce a 3-5 minute steady tone and would be sounded to advise persons living, working or traveling in risk portions of the County to tune to the EBS stations for further information
- h. Should any of the sirens fail to sound, the system would indicate County officials. Route alert teams would then be dispatched to provide public alert through the use of public address systems or bullhorns.
- i. County officials would activate the public

alert/notification system

- j. After the activation of the alert/notification system, the County, in coordination with the State, would provide continuing emergency public information through a County Public Information Officer to be located at the County's Media Center. The EBS station for this county is
-

Berks
WHUM
Chester
WCAU
Motutco
KYW

B. Prelude OPX

1. System Description

The prelude telephone system is a private telephone network designed to permit communications with all departments/agencies with responsibilities in the event of a radiological emergency at the Limerick Generating Station. The system permits the user to access or call other extensions on the network much like a intercom system. The network is equipped with back-up power and uses a minimum of commercial telephone equipment/lines. A potential of nine hundred ninety-nine extensions may be incorporated.

The system installed connects LGS, Berks County EMA (119), Chester County DES (118), Montgomery County OEP(117) and PEMA (116). The State Bureau of Radiation protection is also on the system but can only be accessed by LGS and PEMA.

2. System Operation

a. Touchtone type telephone, colored coded,
with ring light

b. Operation (Receiving Calls)

(1) Answer in appropriate manner, identify
"_____ County (EMS/DES/OEP).

(2) Receive information/message

Note: The prelude system is designed to permit the simultaneous calling of the three risk counties (Berks, Chester, Montgomery), Pennsylvania Emergency Management Agency and other offsite agencies; therefore, it may be necessary to wait for a few seconds until all parties have answered before the LGS communicator gives the message(s). [Similar to a conference call.]

During any given call on the network, a call of greater priority (e.g., a call from the control room) could be received by means of a "barge-in" capability. That is, a party using the system would receive a "call waiting" tone and then receive the higher priority call.

c. Operation (placing calls)

Pick up and listen for dial tone.

Dial appropriate 3-digit number.

Following completion of call, return receiver to hang up hook.

d. Conference calling (3 way)

Pick up and listen for dial tone.

Dial appropriate 3 digit number.

Ask called party to hold for connection of additional party.

Depress hook switch for one second and release, obtain dial tone.

Dial second party using appropriate 3-digit number

When second party answers, notify called party of conference call, depress hook switch and release. Conference is connected.

3. Notification Forms

- a. The purpose of the notification forms is to provide a standardized format for logging notifications messages.

b. [Show Transparency of Notification Form.]

C. Recall System

1. Technical specifications

[TBD]

2. System Operation

[TBD]

D. Siren System

The public alert system for the Limerick Generating Station consists of about 166 high output electromechanical sirens distributed throughout the three risk counties of the Limerick EPZ. The system is capable of providing an alert signal to the population on an area-wide throughout the plume exposure pathway EPZ, within 15 minutes.

1. System Description

- a. Siren Type/Model: Federal Thunderbolt
1000
- b. Sound Level/Output: 125 dB(c) @ 100 feet
from siren on axis
- c. Mounting Height: 50 feet (approx.)
above mean terrain
- d. Frequency of Sound: 550 Hz (steady or
rising/falling)

- e. Duration of Operation: 3-5 minutes (with "time-out" timer to prevent siren operation for more than 8 minutes)
- f. Activation Point: Each county controls the sirens of that county
- g. Activation Method: Radio control, digital VHF-FM (high) from central base station
- h. Locations:
 - Berks County - 23
 - Chester County - 67
 - Montgomery County - 76
- i. Transmitter Location: Limerick Generating Station

2. System Security

- a. The INTRAC 2000 system by Motorola uses a digital or "pulse" code utilizing a thirty-two bit "word." The probability of duplicating the "word," is one in 4,294,967,296 (1 in 4.3 billion). The radio frequency (173.xxxx MHz) is in the VHF [high] range and is a special "digital" channel. Frequencies in this range are rarely affected by skip due to the extremely short wave-

length which basically makes them "line-of-site."

- b. The siren activation radio controls must receive not only the correct 32 bit word, but they must receive the word the correct number of times before the system will activate. That is, if the correct "word" on the correct frequency were to "skip" into the Limerick system area, it would need to be followed by a series (in the correct number and time pattern) of the words.

- c. The VHF high-band frequencies (150-174 MHz) are rarely known to "skip." [The higher the frequency, the lower the chances of "skip."] VHF-low band frequencies, which are in the 30-50 MHz range (just 2 MHz above Citizens Band 27 MHz), are of a longer wavelength, can bounce ["skip"] off various topographic features, and bend or flow. These frequencies are less "line-of-sight" and are influenced, to a greater degree, by meteorological conditions and disturbances in the ionosphere. Signal propagation in these lower frequencies (longer wave lengths) changes with time of day, season and solar activity. Fire department channels typically tend to be in the VHF-low band region of the total frequency spectrum. [It is not uncommon to receive VHF-low band "skip" from stations three to four thousand

miles away.]

3. System Activation

- a. If an incident classification reaches ALERT, SITE EMERGENCY or GENERAL EMERGENCY and a degree of danger requiring protective actions by the public is evident; or other factors, combined with the potential danger, makes it prudent to alert the public, the County will determine, with PEMA coordinating among the three risk counties, the specific time to activate the public alert system. If a GENERAL EMERGENCY is declared, the public alert system will always be activated.

- b. Siren Activation

1. Energize the siren control equipment by:
 - a. Verify that the uninterrupted power supply (UPS) is operating - check lights on front of UPS.

NOTE: If lights indicated the UPS is operating on internal batteries investigate loss of power and report to appropriate communications personnel (dispatch supervisor).

- b. Assure that the disk drive and keyboard are turned off (switches are located at the rear of each unit).

- c. Unplug the Communications Interface Unit (CIU).
- d. Re-connect the Communications Interface Unit (CIU).

NOTE: Ignore the alarms and reset by depressing the white button on CIU.

- e. Open the disk drive loading ports on the front of the disk unit.
- f. Insert the "program" disk label side up in the left-hand side of the drive unit (drive #0) close unit.

NOTE: Handle diskettes carefully, do not touch any part of the exposed disk also magnetic sources.

- g. Turn on the disk drive unit (power switch on back).
- h. Turn on the keyboard (power switch rear) allow one minute for monitor (CRT) and internal testing to stabilize.
- i. Check printer for paper supply and any warnings lights. The "online" lamp should be illuminated.

- j. When requested, by the information appearing on the CRT, enter the date and time. Follow the example and press the "end of line."
- k. When requested, remove the "program" disk and insert the "data" and "log" disks.

NOTE: The row of large green blocks on the bottom of the CRT correspond to the brown keys at the top of the keyboard (function keys). If the block has two functions, the upper most function will require the use of the "shift" key with the function key.

NOTE: The system utilizes a safeguard password to eliminate any unauthorized use.

- l. Enter the password
 - m. Follow system prompting for activation, scan, etc.
- c. Following commands are used by the system:
- 1. Central To Remote Messages
 - a. Interrogation
 - 1. Determines that remote is operational.
 - 2. Causes remote to send status, telemetry and/or counter data.

- b. Execute
Operates the relays at a remote.
 - c. Set-Call
Sends commands and/or messages
to a set of remotes.
 - d. Acknowledge
Informs remote that its transmission
has been received - stops further
transmissions.
 - e. Select
Sends command data and requests a
check-back message before sending
execute.
 - f. Message (ASC Only)
Alters remote operations.
1. Remote To Central Messages
- a. Change of State
Sends status of remote inputs.
 - b. Telemetry
Sends telemetry values to central.
 - c. Counter/Register (ASC)
Sends counter/register contents
(3 words).

- d. Diagnostic (ASC)
Sends internal failure & memory data.
- e. Acknowledge (ASC)
Acknowledges receipt of a control message.
- f. Test
Indicates test switch operation with status.
- g. Power-Fail
Indicates AC power failure with status.

VI. Message Flow Procedures

Message flow procedures have been developed in order to facilitate information flow and documentation of EOC activities should an accident occur at the Limerick Generating Station. The flow of information must be rapid to ensure timely response. Efficient record keeping, in addition to helping with overall emergency operations, will aid local officials in the event that questions should arise concerning the timeliness or correctness of actions taken.

Adherence to established message flow procedures will be particularly useful in drills and exercises where careful documentation can subsequently be used to pinpoint problem areas and correct deficiencies.

A. Messages are divided into two categories:

Slide - Messages
- Routine

- Urgent

1. Routine - Requires official response or acknowledgement during the course of the emergency but not dealing with immediate life threatening situations or demanding immediate action.
 2. Urgent - Require immediate response due to situation with immediate life threatening consequences.
- B. An example of a routine message would be a call at the Alert classification from a municipal EOC to the County EOC informing the Rad Officer that approximately 10% of the dosimeters received for potential later distribution were discovered to have been damaged in storage.
- C. An example of urgent message would be a call received at the County EOC during a General Emergency classification from a municipal EOC advising that due to heavy snowfall and icy roads route alert teams were experiencing considerable difficulty and delay in completing their duties and requesting that additional four wheel drive vehicles made available in the municipality.

D. Organization/Responsibilities

Slide - Message
Flow Organization

1. The Operations Officer is responsible for:
 - a. Reviewing all messages produced within the EOC.

- b. Directing plotters/posters to display relevant information on appropriate maps, charts or boards so that this information is readily observable by EOC personnel.
 - c. Briefing EOC personnel on all significant information received by the Operations Officer, as well as periodic status reviews.
2. Message Flow Coordinator is responsible for:
- a. Ensuring that the flow of information occurs in a timely and designated manner.
 - b. Reviewing all messages produced within the EOC and designating the proper routing and priority of all messages.
3. The Message Logger is responsible for:
- a. Maintaining a log of all messages produced within the EOC.
 - b. Assigning a message number to every message produced within the EOC.
 - c. Ensuring that all messages requiring action or response have received the required action or response.
4. The Plotters/Posters are responsible for:
- a. Posting significant information on the status

board, as directed by the Operations Officer.

- b. Posting identified problems and unmet needs on the problem board, as directed by the Operations Officer.
- c. Plotting relevant information on appropriate maps, as directed by the Operations Officer.

5. The Message Runners are responsible for:

- a. Gathering all messages produced by EOC personnel and forwarding these messages to the Message Flow Coordinator.
- b. Distributing copies of logged messages to the EOC personnel indicated in the routing portion of the form.

6. All EOC personnel are responsible for:

- a. Developing messages to elicit response/action from or to convey information to other EOC personnel.
- b. Responding to or acknowledging any messages received.
- c. Maintaining a personal EOC Station Log Form throughout the emergency.

7. The Communications staff is responsible for;

- a. Transmitting information over available equipment if required by EOC personnel.
 - b. Developing messages to be distributed to EOC personnel based upon information received from available communications resources.
- E. The Message Flow Coordinator is responsible for assuring that adequate materials and supplies are available in the EOC and reporting deficiencies to the Operations Officer.
- 1. Message Forms
 - 2. Message Center Log Forms
 - 3. EOC Station Log Forms
 - 4. Message Distribution Tray
 - 5. Maps and boards to used for posting information
 - 6. An adequate supply of pens, pencils, grease pencils/markers, and related operational supplies
- F. The Message Flow Coordinator is responsible for maintaining and updating a list of personnel who can function as his/her alternate, Message Logger and alternate, at least two Plotters/Posters, and alternates and at least three messengers with alternates.

Slide - Forms

Slide - Staff
around boards

G. Operations

1. All EOC personnel upon receipt or generation of a significant message (outgoing or internal) will complete a Message Form indicating the date/time, to whom the message is directed, from whom the message is sent, priority, and the message itself. The message is then placed in the outgoing portion of the tray.
2. The Message Runner will pick up the message and take it to the Message Flow Coordinator (MFC) for review of content and assigned priority.
 - a. If the message is urgent, the MFC requests a number from the Message Logger (ML), assigns routing, and requests immediate distribution of copies.
 - b. If the message is routine, the MFC assigns routing and forward the message to the ML. After logging the ML places the message in his/her outgoing tray for a runner to distribute copies to incoming trays of appropriate EOC personnel.
3. EOC personnel receiving messages will:
 - a. File the message, if no response or action is required.
 - b. If response or action is required:

Slide - Message
Flow Path

- (1) Assign priority;
- (2) Record the response/reply itself;
- (3) Sign the message;
- (4) Place the message in the outgoing tray for pick up by a MR.

Slide - Completed
Message Form

4. After delivery to the MFC, he/she will:
 - a. If urgent, brief the Operations Officer and request the MR to deliver the message to its originator.
 - b. If routine, forward to the Message Logger who logs the message and returns it to the MFC for briefing the Operations Officer on the response/reply and then gives it to a MR for delivery to its originator.

5. The Operations Officer briefs the EMA Director/Coordinator and EOC personnel periodically on:

Slide - Actual
EOC Operations

- a. Important messages that may affect future decisions or actions.
 - b. Status of the emergency.
6. The Operations Officer determines what information the plotters/posters should display and

then returns his/her copy of the message to the ML for filing.

7. If radio communications are required, the MFC sends a copy of the messages to the Communications Group (CG) for transmittal. The CG indicates at the top of the form the time/method of transmittal and returns it to the MFC for forwarding to the ML for logging/filing.

Slide - Communi-
cations Center

8. Message forms have 5 copies. If additional copies are required, the MFC directs a runner to obtain duplicates.

Slide - Xeroxing
message form

9. EOC personnel use their personal EOC Station Log Form recording their development or response to messages including:

Slide - Completed
EOC Station Log
Form

- a. Time message developed or received;
- b. To whom directed and/or from whom received;
and
- c. Brief summary of message and/or response.

Instructor to
provide examples
for practice

VII. Release of Public Information

- A. Emergency public information includes all the information released to the general public concerning the nature of the emergency itself and the response efforts of the county officials. The only exception is the information carried by the Public Alert/Notification System. Good decision

Slide - TMI
News

making about what information to release and the timing of releases can greatly influence how successful the County's emergency response operations will be. Studies have shown that the general populations actions are characterized as "irrational" in an emergency situation if they are misinformed or given no information at all by those in charge.

B. The County has designated a Public Information Officer (PIO) with the following responsibilities:

Slide - PIO responsibilities

1. Establish and activate both the County Media Center and Rumor Control Center. The Media Center will be used to brief members of the press regarding the actions being taken by the County to respond to a radiological emergency. The rumor control centers will answer telephone calls from the general public requesting the latest information.
2. Liaison with news media organizations throughout the county.
3. Arrangements for public release of information as directed by the County Commissioners, the EMA Coordinator, or in coordination with PEMA's PIO.
4. As determined by the EMA Coordinator, preparation and distribution of public information materials prior to and during an emergency; and

- b. Coordination with other county staff groups.
- C. Public information releases may actually be made by the Commissioners themselves or through the PIU.
- D. Any releases of information by the County should be on those matters which relate to governmental actions being taken to protect the residents and transients within the County. Reference to the situation at the power plant should be made only in the context of the reasons for governmental actions.
- E. Information which affects the entire PEP-EPZ or with impact on more than the county will be released in coordination with the other risk counties.
- F. Sources of data for county public information releases include but are not limited to:
 - 1. County EOC staff;
 - 2. EMA assessment of local conditions; and
 - 3. Reports from Rumor Control indicating general areas of misinformation.
- G. All EOC personnel who have information that they believe should be shared with either the PIU or the general public should notify the County PIU.
- H. Handling rumor control is an important part of emergency operations. Located at or near the EOC,

the rumor control center will be established whenever the EUC is activated. Rumor control center personnel will answer calls from the general public or news media regarding the situation in the County. Rumor control personnel will log the subjects of the calls. Their logs will assist the public information officer in determining the need for additional news releases. Public information officials must also keep rumor control center personnel informed of current information and news releases.

VIII. Concept of Operations

TBD - Specifically IAW with each counties procedures.

COUNTY OF CHESTER

COMMISSIONERS

Earl M. Baker, Chairman

Robert J. Thompson

Patricia Moran Baldwin

DEPARTMENT OF EMERGENCY SERVICES

14 East Biddle Street, West Chester, PA 19380 (215) 431-6160

Timothy R. S. Campbell
Director

July 2, 1984

Mr. Thomas Mannos
Office of Systems and Communications
2301 Market Street
Philadelphia, PA 19101

Dear Tom:

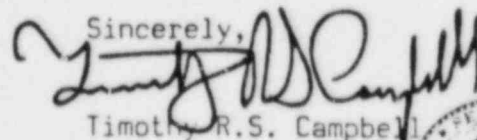
Enclosed you will find an Order to Cut by the County of Chester to Bell of Pennsylvania and Attis for the additional telephones required for the operation of the Recall System, our Rumor Control Center and our Emergency Operating Center. These phones are on the County's Centrex master network and have access to a number of features that we consider essential including inter and intra states watts lines, automatic route selection, and maximum cost savings routing. We expect to have them in for the drill on July 25th and would ask that the telephones that Philadelphia Electric Company will be providing also be made available by that date.

Per my conversation with Henry Taminini of Energy Consultants, this procedure is acceptable to Philadelphia Electric Company and will be paid by bill from the County of Chester to the Philadelphia Electric Company. Unless I hear differently, I will send the bill to you for processing. The 16 telephone numbers that are additional to our existing network have been set up as a separate account and will be handled as such on a permanent basis.

Besides the initial installation bill, how does PECO intend to handle the reoccurring expense of these lines as well as the possible expense of operating them on drill days or in the event of a real incident? The County expects that any use of the lines in emergencies other than connected with the Peach Bottom and Limerick stations would be the responsibility of the County. This will include many other emergencies since we do intend to use these facilities in the event of major plane crashes, train wrecks, chemical disasters, or enemy attack. Hope this covers everything.

If you have any questions, please feel free to get back to me.

Sincerely,



Timothy R. S. Campbell



Founded 1682



COUNTY OF CHESTER

TELECOMMUNICATIONS EQUIPMENT LINE CHANGE ORDER

TO:

Marsha Payne
Special Accounts
[REDACTED]
1335 Arch Street - 6th Floor
Philadelphia, PA 19107

FROM:

R. A. (Roe) Neale,
Telecommunications Coordinator
Chester County North Wing Courthouse
Room 501, High and Market Streets
West Chester, PA 19380
(215) 431-6144

EQUIPMENT/LINE CHANGE AREA:

CENTREX ACCT. 431-6000; OTHER ACCT.

EMERGENCY SERVICES (PECO-LIMERICK)

DATE: July 7, 1984

Hazlett building

DEPT'S MAIN #: 431-6160

14 E. Middle Street

BLDG. LOCATION #: 103

West Chester, PA 19380

ENTITY SHEET(s) #: 42, 46

Contact Person: T. Campbell

* DUE DATE: _____

* S.O. #(s): _____

* PLEASE ADVISE me of DATE DUE and SERVICE ORDER # when one is assigned.

PLEASE ORDER THE FOLLOWING:

R U S H !

WORK SHEET ATTACHED.

This order is necessary because of a Limerick Drill that will take place on July 25th, 1984. There will be two sections to this order, one for Emergency Services most of which is changes to existing equipment and one for Emergency Services (PECO-Limerick) all of which is a new installation. The entire order is to appear on our Centrex Account 431-6000, main billing number.

The room numbers that appear on this order, such as A, B and C, are located as follows:

Room A - is just east of the Walnut Street Basement telephone room. Has an arch roof.

Room B - is the EOC Operation Room in the Southeast Basement of the building. (Present location).

Room C - is the office of Mark Force - 2nd Floor Rear - (X6647).

Since the drill is to take place on July 25th, this order must be completely installed before the 25th. I will be on vacation from July 9th to the 16th, returning on the 17th. If you have questions during this period please call Tim Campbell at 431-6160.

ORDER CONTINUED ON PAGE TWO

CC:

[REDACTED]
PECO-LIMERICK Tele. Coord.
File

CC# 047-A

LIMERICK DRILL ORDER CONTINUED

EMERGENCY SERVICES PORTION OF THIS ORDER: (The additions and changes are marked in RED on the attached work sheets)

Extension 6048: We are terminating 6700 on key equipment associated with this extension (AS593M67389KNE - 5.0A)

Extension 6160: We are terminating 6700 on key equipment associated with this extension (AS593M67389KNE - 5.0A)

Extension 6160: We are terminating 6700 on key equipment associated with this extension (AS593M67389KNE - 5.0A)

Extension 6480: Issue a new Call Pickup Group (designated on my work sheets as #A).

Change Call Forwarding Busy Line from: 6040 to: 6700.

Change Call Forwarding Don't Answer from: 6040 to: 6700.

Extension 6087: We are terminating 6700 on key equipment associated with this extension (AS593M67389KNE - 5.0A)

EMERGENCY SERVICES (PECO - LIMERICK) PORTION OF THIS ORDER: (The additions are written in BLACK on the attached work sheets - entire sheet is new)

Extension 6700: New extension - please make line good to the cable head direct connect cable. (AS493N70140TET - 0.8A)

Add to new CPG (designated on my work sheets as #A).

Class of Service: RXRCX-CAT 06.

Add Call Forwarding Busy Line to: 6707.

Primary line.

Extension 6701: New extension - please make line good to the cable head direct connect cable. (AS493N70140TET - 0.8A)

Add hunting to: 6702

Class of service: RXRCX-CAT 06.

Primary line.

Extension 6702: New extension - please make line good to the cable head direct connect cable. (AS493N70140TET - 0.8A)

Add hunting to: 6703

Class of Service: RXRCX-CAT 06.

Primary Line.

CONTINUED ON PAGE THREE

LIMERICK DRILL ORDER CONTINUED

Extension 6703: New extension - please make line good to the cable head direct connect cable. (AS493N70140TET - 0.8A)

Add hunting to: 6704
Class of Service: RXRCX-CAT 06
Primary line.

Extension 6704: New extension - please make line good to the cable head direct connect cable. (AS493N70140TET - 0.8A)

Add hunting to: 6705
Class of Service: RXRCX-CAT 06
Primary Line.

Extension 6705: New extension - please make line good to the cable head direct connect cable. (AS493N70140TET - 0.8A)

Add hunting to: 6706
Class of Service: RXRCX-CAT 06
Primary line.

Extension 6706: New extension - please make line good to the cable head direct connect cable. (AS493N70140TET - 0.8A)

Add hunting to: 6701
Class of Service: RXRCX-CAT 06
Primary line.

Extension 6707: New extension - please make line good to the cable head direct connect cable. (AS493N70140TET - 0.8A)

Add to new CPG (designated on my work sheets as #A)
Add Call Forwarding Busy Line to: 6700
Add Call Forwarding Don't Answer to: 6700
Class of Service: RXRCX-CAT 06
Primary line.

Extension 6708: New extension - please make line good to the cable head direct connect cable. (AS493N70140TET - 0.8A)

Add to new CPG (designated on my work sheets as #A)
Add Call Forwarding Busy line to: 6700
Add Call Forwarding Don't Answer to: 6700
Class of Service: RXRCX-CAT 06
Primary line.

LIMERICK DRILL ORDER CONTINUED

Extension 6709: New extension - please make line good to the cable head direct connect cable. (AS493N70140TET - 0.8A)

Add to new CPG (designated on my work sheets as #A)
Add Call Forwarding Busy Line to: 6700
Add Call Forwarding Don't Answer to: 6700
Class of service: RXRCX-CAT 06
Primary line.

Extension 6710: New extension - please make line good to the cable head direct connect cable. (AS493N70140TET - 0.8A)

Add to new CPG (designated on my work sheets as #A)
Add Call Forwarding Busy Line to: 6700
Add Call Forwarding Don't Answer to: 6700
Class of Service: RXRCX-CAT 06
Primary line.

Extension 6711: New extension - please make line good to the cable head direct connect cable. (AS493N70140TET - 0.8A)

Add to new CPG (designated on my work sheets as #A)
Add Call Forwarding Busy line to: 6700
Add Call Forwarding Don't Answer to: 6700
Class of Service: RXRCX-CAT 06
Primary line.

Extension 6712: New extension - please make line good to the cable head direct connect cable. (AS493N70140TET - 0.8A)

Add to new CPG (designated on my work sheets as #A)
Add Call Forwarding Busy Line to: 6700
Add Call Forwarding Don't Answer to: 6700
Class of Service: RXRCX-CAT 06
Primary line.

Extension 6713: New extension - Please make line good to the cable head direct connect cable. (AS493N70140TET - 0.8A)

Add to new CPG (designated on my work sheets as #A)
Add Call Forwarding Busy line to: 6700
Add Call Forwarding Don't Answer to: 6700
Class of Service: RXRCX-CAT 06
Primary line.

LINERICH DRILL ORDER CONTINUED

Extension 6714: New extension - Please make line good to the cable head direct connect cable. (AS493N70140TET - 0.8A)

Add to new CPG (designated on my work sheets as #A)
Add Call Forwarding Busy Line to: 6700
Add Call Forwarding Don't Answer to: 6700
Class of Service: RXRCX-CAT 06
Primary Line.

Extension 6715: New extension - please make line good to the cable head direct connect cable. (AS493N70140TET - 0.8A)

When you call me with the Service Order Number and the due date, would you please advise me of the Call Pickup Group Number being assigned to this order and also a quote on the installation and monthly rate for Bell's portion of this order.

If you have questions, please do not hesitate to call either Tim Campbell while I am on vacation or me on or after July 17th.

Thank you for your attention to this matter.

COUNTY OF CHESTER

TELECOMMUNICATIONS EQUIPMENT LINE CHANGE ORDER

TO:

B. Cipparone (Pat B.)
~~ATTIS - BASED BASE~~
Oak Hill Plaza - 2nd Fl.
200 Warner Road
King of Prussia, PA 19406

FROM:

R. A. (Roe) Neale,
Telecommunications Coordinator
Chester County North Wing Courthouse
Room 501, High and Market Streets
West Chester, PA 19380
(215) 431-6144

EQUIPMENT/LINE CHANGE AREA:

CENTREX ACCT. 431-6000; OTHER ACCT.

EMERGENCY SERVICES (PECO-LIMERICK)

DATE: July 3, 1984

Hazlett Building

DEPT'S MAIN #: 431-6160

14 E. Biddle Street

BLDG. LOCATION #: 103

West Chester, PA 19380

ENTITY SHEET(s) #: 42, 46

Contact Person: Tim Campbell

* DUE DATE: _____

431-6160

* S.O. #(s): _____

* PLEASE ADVISE me of DATE DUE and SERVICE ORDER # when one is assigned.

PLEASE ORDER THE FOLLOWING:

R U S H !

WORK SHEET ATTACHED.

This order is necessary because of a Limerick Drill that will take place on July 25th, 1984. There will be two sections to this order, one for Emergency Service most of which is changes to existing equipment and one for Emergency Service (PECO-Limerick) all of which is a new installation. The entire order is to appear on our Centrex Account 431-6000, main billing number.

The room numbers that appear on this order, such as A, B and C, are located as follows:

Room A - is just east of the Walnut Street Basement telephone room. Has an arch ceiling.

Room B - is the EOC Operation Room in the Southeast Basement of the Building. (Present location).

Room C - is the office of Mark Force - 2nd fl. Rear - (X6647)

Since the drill is to take place on July 25th, this order must be completely installed before the 25th. I will be on vacation from July 9th to the 16th, returning on the 17th. If you have questions during this period please call Tim Campbell at 431-6160.

CONTINUED ON PAGE TWO

cc:

~~Tim Campbell, Emergency Services~~
: PECO-LIMERICK Tele. Coord.
: ATTIS-Installer
: File

cc# 047-B

July 3, 1964

LIMERICK DRILL ORDER CONTINUED

EMERGENCY SERVICES PORTION OF THIS ORDER: (The additions and changes are marked in red on the attached work sheets.)

Extension 6048: Install a LSI-16 with no noise to be associated with this extension.

Install extension 6048 in the LSI-8 associated with extension 6520.

Add extension 6700 to the 10-button set associated with extension 6048.

Extension 6160: Install a LSI-16 with no noise to be associated with this extension.

Add extension 6700 to the 6-button set associated with extension 6160.

Extension 6161: Add extension 6700 to the 6-button set associated with extension 6161.

Extension 6087: Add extension 6700 to be 6-button set associated with extension 6087.

Extension 6480: Rumor Control - Room A - Bridged Station Only with RJ11C Jack. No instrument needed.

Secondary line.

Wiring from terminal box to Room A will be done by ATTIS.

EMERGENCY SERVICES (PECO-LIMERICK) PORTION OF THIS ORDER: (The additions are written in BLACK on the attached work sheets - entire sheet is new).

Extension 6700: New Extension - Rumor Control - Room A - Bridged station only with RJ11C Jack. No instrument needed.

Wiring from terminal box to Room A will be done by ATTIS.

Add to LSI-16 associated with extension 6160

Add to LSI-16 associated with extension 6048

continued on page three

EXTENSION BRILL OPER. CONTINUED

Extension 6701: New extension - EOC Oper. Desk - Room B - Bridged station only with RJ11C Jack. No instrument needed.

Add to LSI-16 associated with extension 6160
Add to LSI-16 associated with extension 6048

Wiring from terminal box to Room B will be done by ATTIS.

Extension 6702: New extension - EOC Oper. Desk - Room B - Bridged station only with RJ11C Jack. No instrument needed.

Add to LSI-16 associated with extension 6160
Add to LSI-16 associated with extension 6048

Wiring from terminal box to Room B will be done by ATTIS.

Extension 6703: New extension - EOC Oper. Desk - Room B - Bridged station only with RJ11C Jack. No instrument needed.

Add to LSI-16 associated with extension 6160
Add to SLI-16 associated with extension 6048

Wiring from terminal box to Room B will be done by ATTIS.

Extension 6704: New extension - EOC Oper. Desk - Room B - Bridged station only with RJ11C Jack. No instrument needed.

Add to LSI-16 associated with extension 6160
Add to LSI-16 associated with extension 6048

Wiring from terminal box to Room B will be done by ATTIS.

Extension 6705: New extension - EOC Oper. Desk - Room B - Bridged station only with RJ11C Jack. No instrument needed.

Add to LSI-16 associated with extension 6160
Add to LSI-16 associated with extension 6048

Wiring from terminal box to Room B will be done by ATTIS.

Extension 6706: New extension - EOC Oper. Desk - Room B - Bridged station only with RJ11C Jack. No instrument needed.

Add to LSI-16 associated with extension 6160
Add to LSI-16 associated with extension 6048

Wiring from Terminal box to Room B will be done by ATTIS.

LINEPAIR DRILL SHEET CONTINUED

- Extension 6707: New extension - Rumor Control - Room A - Bridged station only with RJ11C Jack. No instrument needed.
- Add to LSI-16 associated with extension 6160
Add to LSI-16 associated with extension 6048
- Wiring from Terminal box to Room A to be done by ATTIS.
- Extension 6708: New extension - Rumor Control - Room A Bridged station only with RJ11C Jack. No instrument needed.
- Add to LSI-16 associated with extension 6160
Add to LSI-16 associated with extension 6048
- Wiring from terminal box to Room A to be done by ATTIS.
- Extension 6709: New extension - Rumor Control - Room A - Bridged station only with RJ11C Jack. No instrument needed.
- Add to LSI-16 associated with extension 6160
Add to LSI-16 associated with extension 6048
- Wiring from terminal box to Room A to be done by ATTIS.
- Extension 6710: New extension - Rumor Control - Room A - Bridged station only with RJ11C Jack. No instrument needed.
- Add to LSI-16 associated with extension 6160
Add to LSI-16 associated with extension 6048
- Wiring from terminal box to Room A to be done by ATTIS.
- Extension 6711: New extension - Rumor Control - Room A - Bridged station only with RJ11C Jack. No instrument needed.
- Add to LSI-16 Associated with extension 6160
Add to LSI-16 associated with extension 6048
- Wiring from terminal box to Room A to be done by ATTIS.
- Extension 6712: New extension - Rumor Control - Room A - Bridged station only with RJ11C Jack. No instrument needed.
- Add to LSI-16 associated with extension 6160
Add to LSI-16 associated with extension 6048
- Wiring from terminal box to Room A to be done by ATTIS.

LINERICK DRILL ORDER CONTINUED

Extension 6713: New extension - Rumor Control - Room A - Bridged station only with RJ11C Jack. No instrument needed.

Add to LSI-16 associated with extension 6160
Add to LSI-16 associated with extension 6048

Wiring from terminal box to Room A to be done by ATTIS.

Extension 6714: New extension - Rumor Control - Room A - Bridged station only with RJ11C Jack. No instrument needed.

Add to LSI-16 associated with extension 6160
Add to LSI-16 associated with extension 6048

Wiring from terminal box to Room A to be done by ATTIS.

Extension 6715: New extension - Rumor Control - Room A - bridged station only with RJ11C Jack. No instrument needed.

Add to LSI-16 associated with extension 6160
Add to LSI-16 associated with extension 6048

Wiring from terminal box to Room A to be done by ATTIS.

Extension 6700: Secondary - Alert System - Room C - Bridged station only with RJ11C Jack. No instrument needed.

Wiring from terminal box to Room C to be done by ATTIS.

Extension 6707: Secondary - Alert System - Room C - Bridged station only with RJ11C Jack. No instrument needed.

Wiring from terminal box to Room C to be done by ATTIS.

Extension 6708: Secondary - Alert System - Room C - Bridged station only with RJ11C Jack. No instrument needed.

Wiring from terminal box to Room C to be done by ATTIS.

Extension 6709: Secondary - Alert System - Room C - Bridged station only with RJ11C Jack. No instrument needed.

Wiring from terminal box to Room C to be done by ATTIS.

Extension 6710: Secondary - Alert System - Room C - Bridged station only with RJ11C Jack. No instrument needed.

Wiring from terminal box to Room C to be done by ATTIS.

July 3, 1984

INTERNAL DRILL ORDER CONTINUED

Extension 6711: Secondary - Alert System - Room C - Bridged station only with RJ11C Jack. No instrument needed.

Wiring from terminal box to Room C to be done by ATTIS.

Extension 6712: Secondary - Alert System - Room C - Bridged station only with RJ11C Jack. No instrument needed.

Wiring from terminal box to Room C to be done by ATTIS.

Extension 6713: Secondary - Alert System - Room C - Bridged station only with RJ11C Jack. No instrument needed.

Wiring from terminal box to Room C to be done by ATTIS.

Extension 6714: Secondary - Alert System - Room C - Bridged station only with RJ11C Jack. No instrument needed.

Wiring from terminal box to Room C to be done by ATTIS.

Extension 6715: Secondary - Alert System - Room C - Bridged station only with RJ11C Jack. No instrument needed.

Wiring from terminal box to Room C to be done by ATTIS.

When you call me with the service order number and the date due, would you also quote on the installation and monthly rate for ATTIS's portion of this order.

If you have questions, please do not hesitate to call either Tim Campbell while I am on vacation or me on or after July 17th.

Thank you for your attention to this matter.



BERKS COUNTY EMERGENCY MANAGEMENT AGENCY
BERN TWP AGRICULTURAL CENTER RD 1, LEESPORT, PA 19533 (215) 374-4800

11 June 1984

Mr. Mike Mezies
Philadelphia Electric Co.
2301 Market Street
Philadelphia, Pa. 19101

Dear Mike

In response to your request for information about Berks County's requirements for support equipment and facilities for EOC operations I have developed the following list of equipment and supplies:

- One (1) 24 hour clock
- One (1) status board
- One (1) set topographic maps of Berks County and western Montgomery Co.
- One (1) set county highway maps
- One (1) population density map
- Two (2) blackboards, 4' X 5', on wheeled stands
- One (1) 5ft stepladder
- One (1) RECALL automatic dialing unit
- Four (4) telephone lines installed for RECALL unit
- Six (6) 2 way radio inter-com units
- One (1) additional telephone line into EOC
- Four (4) EBS monitor w/antennase for other radio stations
- One (1) each UHF, VHF, CB mobile radios w/antenna for van
- Sixty (60) ID tags (printed with EOC staff position, visor, etc)
- One (1) Portable RACES type radio

I believe this list is pretty complete; if we develop additional requirements, I'll discuss them with you.

Sincerely,

Robert Reber

COUNTY OF CHESTER

Y. S. BOYER

COMMISSIONERS

Earl M. Baker, Chairman

Robert J. Thompson

Patricia Moran Baldwin

DEPARTMENT OF EMERGENCY SERVICES

14 East Biddle Street, West Chester, PA 19380 (215) 431-6160

Timothy R. S. Campbell
Director

July 20, 1984

Mr. Vincent S. Boyer
Senior Vice President, Nuclear Power
Philadelphia Electric Company
2301 Market Street
P.O. Box 8699
Philadelphia, Pennsylvania 19101

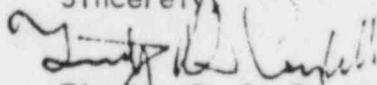
Dear Vince:

Although I am aware that it will not be available for the drill on the 25th, I figure it is important that we establish clearly the status of the ultra high frequency direction and control radio system in Chester County. It is our intention to establish this radio system in the event of any emergency in the northern part of the County but especially at the Limerick Generating Station.

Most municipalities, but not all, have ordered a 500 Mhz UHF radio for use in the direction and control network. The network will consist of a control station at the Hazlett Building and a control station in each of the municipal EOC's and a mobile in our Mobile Communications Center, tied together by a repeater on Bacton Hill Ridge. It is essential to effect appropriate coordination among the municipalities as well as with the County that all 15 municipalities receive one of these units. It is my understanding that Dave Tepper is in the process of obtaining 17 units for installation in the various locations.

It is essential that this system be placed in to being since it will allow coordination prior to the mobilization of amateur radio emergency service amateurs and can be used in situations early on in the event before full mobilization occurs. Your cooperation, as always, is appreciated in this area.

Sincerely,



Timothy R. S. Campbell
Director of Emergency Services

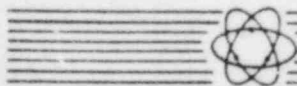
CC: Wayne Rothermel

ew



Founded 1682



**RMC**

Radiation Management Corporation, 3508 Market St., Philadelphia, PA 19104 (215) 243-2950

July 19, 1984

RECEIVED

JUL 24 1984

R. A. KANKUS

Mr. Albert P Pollick
President
Pottstown Memorial Medical Center
1600 East High Street
Pottstown, PA 19464

Dear Mr. Pollick:

Enclosed please find the Certificate of Performance issued to the Pottstown Memorial Medical Center upon completion of the training for radiation accident preparedness and the listing of personnel who attended this session.

Please express our appreciation to your staff for the cooperation extended to Radiation Management Corporation personnel.

Sincerely,

Thomas Linnemann
General Manager
RMC Medical Services

TL:lmc

Enclosure

cc: William F. Hushion, M.D.
Robert A. Kankus
Walter Knapp
Monica Phillips
Vicki Warren

RADIATION MANAGEMENT CORPORATION

This Certifies that

POTTSTOWN MEMORIAL MEDICAL CENTER

has attended a training session on

THE HANDLING AND TREATMENT OF THE RADIOACTIVELY CONTAMINATED AND INJURED PATIENT

Sponsored By: PHILADELPHIA ELECTRIC COMPANY

Thomas Linnemann

Thomas Linnemann, General Manager
RMC Medical Services

Issued: July, 1984



ATTENDANCE ROSTER

Date 7/10/84
 Location Peterson non medical center

SUBJECT: Setting up the REA
Housekeeping staff

7-8

<u>NAME (Please Print)</u>	<u>SIGNATURE</u>	<u>ORGANIZATION</u>	<u>JOB TITLE</u>
ARVY CONYON	<i>Arvy Conyon</i>	<i>P m c</i>	<i>HsKa</i>
John Duke	<i>John Duke</i>		<i>Hskpg</i>
David Eck	<i>David Eck</i>		<i>Hskpg</i>
John Horvat	<i>John Horvat</i>		<i>Hskpg</i>
Stan Dwojak	<i>Stan Dwojak</i>		<i>"</i>
JOE RYZNAR	<i>J. Ryznar</i>		<i>"</i>
Donald Gabel	<i>Donald Gabel</i>		<i>"</i>
Joe Wiggins	<i>Joe Wiggins</i>		<i>"</i>
TEAM BASS	<i>TEAM BASS</i>		<i>"</i>
Arthur Blakey Jr.	<i>Arthur Blakey Jr.</i>		<i>HsKa</i>
JAMES J McHEWAN	<i>James J McHewan</i>		<i>Rec'd QA</i>
KARL N. MANDI	<i>Karl N. Mandi</i>	<i>PECO EP QA</i>	<i>Senior Auditor</i>
Arthur Schmitt A	<i>Arthur Schmitt A</i>		<i>H.S.K</i>

CI

ATTENDANCE ROSTER

Date 7/10/84
 Location REA-ER BOSTON area

SUBJECT: REA STOP + RECURSES
MECHANICAL STAFF

8-10

NAME (Please Print) SIGNATURE ORGANIZATION JOB TITLE

JOHN KRAIS	John Kraus	PECO	Test Eng.
ROBERT DICKINSON	Robert B Dickinson	PECO	Test Eng
ROMAN MITZ	Roman Mitz	PMMS	Security Officer
ROBERT CZAPLAK	Robert Czaplak	SECURITY	Lieutenant
RAY KUSER	Ray Kuser	SECURITY	Security Officer
G.R. BEURSTEIN	G.R. Beurstein	X-Ray	Radiologist
F. T. DIAZ	F. T. Diaz	E R Dept.	E.R. Physician
H Conthelb RZ	H Conthelb RZ	ER	Staff Nurse
DORIS CHURCH	Doris Church	Nursing Office	Supervisor
JANET STOUT	Janet Stout	ER	unit clerk
MARGARET MAURER	Margaret Maurer	ER	RN
SUSAN WILES	Susan Wiles	ER	Nursing Assistant
MARY JANE PARKER	Mary Jane Parker	ER	Nursing Assistant

CHK CK BACK
ALSO

69 II

ATTENDANCE ROSTER

Date 7/10/84

Location REA-ER P.M.M.C

SUBJECT: REA PROCEEDINGS
HOSPITAL STAFF

8-10-8

<u>NAME (Please Print)</u>	<u>SIGNATURE</u>	<u>ORGANIZATION</u>	<u>JOB TITLE</u>
K. PALANISWAMY	<i>K. Palaniswamy</i>	PMMC	<i>Sd.</i>
Linda Mohl	LINDA HOHL	PMMC	RN - HN - ER
JOHN R. GRUBER	<i>John R. Gruber</i>	PECO (H.P.)	HP
Clark Smith	<i>Clark Smith</i>	PE	HP
JAMES E MUSCARELLA	<i>J. E. Muscarella</i>	ARC (H.P.)	H.P.
JOHN WIECJOREK	<i>John Wiecek</i>	ARC	H.P.
BERNARD SMITH JR	<i>Bernard Smith Jr</i>	ARC	H.P.
Victoria J. Christian	<i>Victoria J. Christian</i>	PMAC	Nursing Supervisor
<i>Ann Tufan</i>	<i>Ann Tufan</i>	PMMC	Supervisor
WILLIAM MC CALL	<i>William McCall</i>	PM.M.C	Supervisor
WILLIAM MC CALL			
Jacqueline A. Cody	<i>Jacqueline A. Cody</i>	PMMC	UC
Edward C. Cochran	<i>Edward C. Cochran</i>	PMAC	RN
JACQUELINE CHAMBERS	<i>Jacqueline Chambers</i>	PMMC	RN
F. T. Dier, M.D.	<i>F. T. Dier, MD</i>		Physician

PI

ATTENDANCE ROSTER

Date 7/10/84

Location ER - P.M.M.C.

SUBJECT: Setting up The REA Housekeeping

1200 - 1 PM

JOB TITLE

ORGANIZATION

SIGNATURE

NAME (Please Print)

HARRISON SEEDERS	Harrison Seeders	P.M.M.C.	Porter
RAY & SHIMIN	Ray Shimin	P.M.M.C.	Porter
Padra Ocasio			Porter
T. BENDOLA	T. Bendola	P.M.M.C.	Porter
BOB ENDY	Bob Endy	P.M.M.C.	Maintenance
Dwight Webber	Bob Endy	P.M.M.C.	Maintenance
Leslie Murray	Leslie Murray	P.M.M.C.	Porter
Clyde Spangler	Clyde Spangler	P.M.M.C.	Supervisor
Key Richards	Key Richards	P.M.M.C.	Supervisor
Tom Giacchini	Tom Giacchini	P.M.M.C.	Supervisor
Pauline Keeler	PAULINE KEELER	P.M.M.C.	Director of Labors
SANDRA F. KOVACH	Sandra Kovach	P.M.M.C.	Director of Labors
PAUL SOMERDAY	Paul Someday	P.M.M.C.	Porter
BATY KOTBY	Baty Kotby	P.M.M.C.	Porter

REL

ATTENDANCE ROSTER

Date 7-10-84 / 2:00 - 1:00
Location Potlatch Hospital

SUBJECT: REA Set up
Housekeeping

NAME (Please Print)	SIGNATURE	ORGANIZATION	JOB TITLE
ISABY BERNISKY	Dany Bernisky	P.M.M.C	Porter
BENDI PLETTE	Agnes Plette	P.M.M.C	MECH
Daniel Scheer	Plaint Smith	P.M.M.C	Carpenter
John O'Connell	John O'Connell	P.M.M.C	Porter
John Brynan	John Brynan	P.M.M.C	Mechanic
CARL HEWZ	Carl Hewz	P.M.M.C	Porter
Theodore G. Stone	Theodore Stone	P.M.M.C	Ass. Dir. Adm Serv
J Campbell			
MARJORIE HEDGSON AU	Raymond Hodgson R/W	P.M.M.C	Ident. Co-ordinator ^{DOES}

ATTENDANCE ROSTER

Date 7/16/84
Location PMMC

SUBJECT: REA APERTRES + PACABLES
medICAL

1-3:00

NAME (Please Print) SIGNATURE ORGANIZATION JOB TITLE

Theresa Morello	<i>Theresa Morello</i>	Emergency Room	Registered Nurse
Yvonne Krauss	<i>Yvonne Krauss</i>	Emergency Room	Registered Nurse
NATHAN HENRIKSEN	<i>Nathan Henriksen</i>	NO	RD
WILBUR NEFF	<i>Wilbur Neff</i>	Security	guard
CASPER KEHLER	<i>Casper Kehler</i>	Security	Guard
MARSEN HEDGEMAN	<i>Margie Hedgeman</i>	S.O.S.	Asst. Co-ordinator JCS
Edith Dillman	<i>Edith Dillman</i>	ER	RN
Susan Stigven	<i>Susan Stigven</i>	ER	RD
Christine Giacchino	<i>GIACCHINO, CHRISTINE</i>	X-Ray Dept	Adm. Ch. Tech.
John Atkinson	<i>John Atkinson</i>	Radiology	Chief Tech
ARTHUR F. WANN	<i>Arthur F. Wann</i>	ER	Chief ED
CAROL TRICKIN	<i>Carol Trickin</i>	ER	PRN
Gregory Gordon	<i>Gregory Gordon</i>	ER	Head Physia

P3-I

ATTENDANCE ROSTER

Date 7/10/84
Location PMMC

SUBJECT: REA RECEIVES
medical

3-5 PM

<u>NAME (Please Print)</u>	<u>SIGNATURE</u>	<u>ORGANIZATION</u>	<u>JOB TITLE</u>
Richard W. Dubiel	<i>Richard W. Dubiel</i>	PECO	SR. H.P.
Richard J. Titolo	<i>Richard J. Titolo</i>	PECO	Applied HP
Robert J. Gosway	<i>Robert J. Gosway</i>	PECO	HP Tech
Donald Fay	<i>Donald Fay</i>	PECO	HP Tech
JAMES J. McEwan	<i>James J. McEwan</i>	PECO	Asst Auditor
Elizabeth Hillness	<i>Elizabeth Hillness</i>	PMMC	R.N.
Barbara J. Goshart Barbara Goshart	<i>Barbara Goshart</i>	PMMC	RN
Marie Berry	<i>MARIE BERRY</i>	P.M.M.C.	E.R. Clerk
Thomas J. Meece	<i>Thomas J. Meece</i>	PECO	HP Supervisor
Stanley F. Baker	<i>Stanley F. Baker</i>	PECO	Unit I Technical Assistant
Fred Bellstedt	<i>Fred Bellstedt</i>	P.M.M.C.	Security
John M. Goshart	<i>John M. Goshart</i>	P.M.M.C.	Security
Edward Keller	<i>Edward Keller</i>	P.M.M.C.	Security

POTTSTOWN MEMORIAL MEDICAL CENTER

DEPARTMENT OF EDUCATIONAL SERVICES

ATTENDANCE RECORD

PROGRAM TITLE Handley The Cont + Inj PT DATE 7-9-80
 TIME STARTED 3:00 am TIME ENDED 10:15 am

CLOCK# (If Required)	NAME	DEPT.	SHIFT	✓ OFF DUTY	CLOCK# (If Required)	NAME	DEPT.	SHIFT	✓ OFF DUTY
1442			11-7	✓	1326-8	Oris Church RN	NO	11-7	✓
1351-6	Vicki Christen	NO	3-11	✓					
1236-9	Marion Amos RN	ER	7-3	✓					
1-89	Eric Lentz RN	ER	7-3						
1304	Earl Schenck RN	ER	7-3						
1478	Janet Haupt	ER	7-3						
	Jessie Pisci	HK	7-3						
	Elyse Springer	HK	6-2						
18267	Elyse Springer	ER	3-11	✓					
	Jackie Jody	ER	7-3	✓					
1263	Linda Kahl	ER	7-3	✓					
1252	Maryann W. Cow	370	7-3						
	Sandra F. Kovach	NRS	7-3	✓					
	Laurene Gede	NRS	7-3	✓					
	Maryann Kellon	NRS	7-3	✓					
12567	Margaret Mamm	ER	11-7	✓					
1387-0	Patricia Clonker	ER	11-7	✓					
	K. T. (a2)								
	W. Agnew								
	Yvonne Kraus	ER	3-11	✓					
	Bea Fup			✓					

July 19, 1984

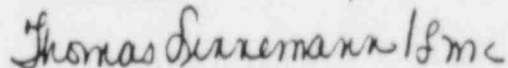
Robert L. Ward
Ambulance Captain
Trappe Fire and Ambulance
20 W 5th Avenue
Trappe, PA 19426

Dear Mr. Ward:

Enclosed please find the Certificates of Performance issued to the individuals of Trappe Fire and Ambulance upon completion of the training for handling radiation medical emergencies. Also enclosed is a copy of the list of attendance from the session.

I would appreciate your distributing the certificates to the various people involved in the course. Please express our appreciation to the staff for the cooperation extended to Radiation Management Corporation personnel.

Sincerely,



Thomas Linnemann
General Manager
RMC Medical Services

TL:lmc

Enclosure

cc: William F. Hushion, M.D.
Roberta A. Kankus
Walter Knapp
Vicki Warren

RADIATION MANAGEMENT CORPORATION

This Certifies that

JULIE HORN

has attended a training session on

THE HANDLING AND TREATMENT OF THE RADIOACTIVELY CONTAMINATED AND INJURED PATIENT

Sponsored By: PHILADELPHIA ELECTRIC COMPANY

Thomas Linnemann

Thomas Linnemann, General Manager
RMC Medical Services

Issued: July, 1984



RADIATION MANAGEMENT CORPORATION

This Certifies that

ROBERT L WARD



has attended a training session on

THE HANDLING AND TREATMENT OF THE RADIOACTIVELY CONTAMINATED AND INJURED PATIENT

Sponsored By: PHILADELPHIA ELECTRIC COMPANY

Thomas Linnemann

Thomas Linnemann, General Manager
RMC Medical Services

Issued: July, 1984

RADIATION MANAGEMENT CORPORATION

This Certifies that

JOHN E WERNER



has attended a training session on

THE HANDLING AND TREATMENT OF THE RADIOACTIVELY CONTAMINATED AND INJURED PATIENT

Sponsored By: PHILADELPHIA ELECTRIC COMPANY

Thomas Linnemann

Thomas Linnemann, General Manager
RMC Medical Services

Issued: July, 1984

RADIATION MANAGEMENT CORPORATION

This Certifies that

BARBARA ALEXANDER



has attended a training session on

THE HANDLING AND TREATMENT OF THE RADIOACTIVELY CONTAMINATED AND INJURED PATIENT

Sponsored By: PHILADELPHIA ELECTRIC COMPANY

Thomas Linnemann

Thomas Linnemann, General Manager
RMC Medical Services

Issued:

July, 1984

RADIATION MANAGEMENT CORPORATION

This Certifies that

LINDA BULLARD

has attended a training session on

THE HANDLING AND TREATMENT OF THE RADIOACTIVELY CONTAMINATED AND INJURED PATIENT



Sponsored By: _____

PHILADELPHIA ELECTRIC COMPANY

Thomas Linnemann

Thomas Linnemann, General Manager
RMC Medical Services

Issued:

July, 1984

9 I

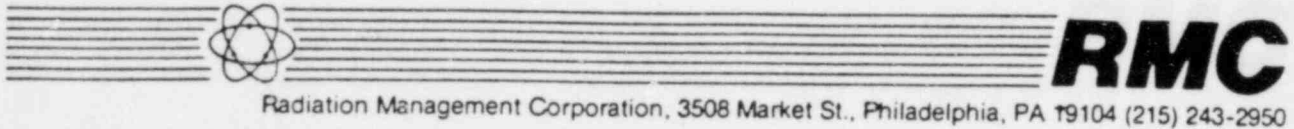
ATTENDANCE ROSTER

Date 7/16/84

Location TRAPPE FIRE HALL

SUBJECT: HANDLING + TREATMENT OF A CONTAMINATED AND INJURED CRAB. TRAPPE FIRE + AMBUSSANCE

<u>NAME (Please Print)</u>	<u>SIGNATURE</u>	<u>ORGANIZATION</u>	<u>JOB TITLE</u>
Randy Stetler	<i>[Signature]</i>	Goodwill Amb & Fire	ARC - Fire F. S. H. K. E.
Kathleen M. Kerkel	<i>[Signature]</i>	" "	EMT - MAST
Maryann McCull	<i>[Signature]</i>	Goodwill	R.N.
JAMES J McElwain	<i>[Signature]</i>	PECO PA	Advisor
Victoria d Warren	<i>[Signature]</i>	PECO - Fire ambulance	Test Eng Emerg
Andrew Pollak	<i>[Signature]</i>	Goodwill Amb. & Fire	?
Julie Horn	<i>[Signature]</i>	Trappe	RIV
ROBERT L WARD	<i>[Signature]</i>	TRAPPE 324	AMB. CHIEF / POLICE
John E Werner	<i>[Signature]</i>	Trappe 324	Fire Plie Capt.
BARBARA ALEXANDER	<i>[Signature]</i>	TRAPPE 324	PARAMEDIC II
Linda Bullard	<i>[Signature]</i>	Trappe 324	EMT



July 19, 1984

Mr. Roy Mest
Chairman
Goodwill Ambulance
714 High Street
Pottstown, PA 19464

Dear Mr. Mest:

Enclosed please find the Certificates of Performance issued to the individuals of Goodwill Ambulance upon completion of the training for handling radiation medical emergencies. Also enclosed is a copy of the list of attendance from the session.

I would appreciate your distributing the certificates to the various people involved in the course. Please express our appreciation to the staff for the cooperation extended to Radiation Management Corporation personnel.

Sincerely,

Thomas Linnemann / RMC

Thomas Linnemann
General Manager
RMC Medical Services

TL:lmc

Enclosure

cc: William F. Hushion, M.D.
Roberta A. Kankus
Walter Knapp
Vicki Warren

RADIATION MANAGEMENT CORPORATION

This Certifies that

RANDY STETLER

has attended a training session on

THE HANDLING AND TREATMENT OF THE RADIOACTIVELY CONTAMINATED AND INJURED PATIENT

Sponsored By: PHILADELPHIA ELECTRIC COMPANY

Thomas Linnemann

Thomas Linnemann, General Manager
RMC Medical Services

Issued: July, 1984



RADIATION MANAGEMENT CORPORATION

This Certifies that

KATHLEEN M LENGEL



has attended a training session on

THE HANDLING AND TREATMENT OF THE RADIOACTIVELY CONTAMINATED AND INJURED PATIENT

Sponsored By: PHILADELPHIA ELECTRIC COMPANY

Thomas Linnemann

Thomas Linnemann, General Manager
RMC Medical Services

Issued: July, 1984

RADIATION MANAGEMENT CORPORATION

This Certifies that

MARY ANN MC CALL

has attended a training session on

THE HANDLING AND TREATMENT OF THE RADIOACTIVELY CONTAMINATED AND INJURED PATIENT



Sponsored By: PHILADELPHIA ELECTRIC COMPANY

Thomas Linnemann

Thomas Linnemann, General Manager
RMC Medical Services

Issued: July, 1984

RADIATION MANAGEMENT CORPORATION

This Certifies that

ANDREW POLLAK



has attended a training session on

THE HANDLING AND TREATMENT OF THE RADIOACTIVELY CONTAMINATED AND INJURED PATIENT

Sponsored By:

PHILADELPHIA ELECTRIC COMPANY

Thomas Linnemann

Thomas Linnemann, General Manager
RMC Medical Services

Issued:

July, 1984

92

ATTENDANCE ROSTER

Date 7/16/84

Location TRAPPE FIRE HALL

SUBJECT: HANDLING + TREATMENT OF A CONTAMINATED AND INJURED RESC. TRAPPE FIREFIGHT AMBULANCE.

<u>NAME (Please Print)</u>	<u>SIGNATURE</u>	<u>ORGANIZATION</u>	<u>JOB TITLE</u>
Randy Stetler	<i>[Signature]</i>	Goodwill Amb & Fire	AFC - Firefighter
Kathleen M. Kenzel	<i>[Signature]</i>	" "	EMT-Param
McYann McCann	<i>[Signature]</i>	Goodwill	R.N.
JAMES J McElwain	<i>[Signature]</i>	PECO PA	Auditor
Victoria d'Warren	<i>[Signature]</i>	PECO - Fire <i>[Signature]</i>	Treating Emergency
Andrew Pollak	<i>[Signature]</i>	Goodwill Amb. & Fire	?
Julie Horn	<i>[Signature]</i>	Trappe	R.N.
ROBERT L WARD	<i>[Signature]</i>	TRAPPE 324	AMB. CHIEF / POLICE
John E Werner	<i>[Signature]</i>	Trappe 324	Fire Pilot Capt.
BARBARA ALEXANDER	<i>[Signature]</i>	TRAPPE 324	PARAMEDIC II
Linda Bullard	<i>[Signature]</i>	Trappe 324	EMT



COUNTY OF LEHIGH
DEPARTMENT OF PROPERTY SERVICES
OFFICE OF CIVIL DEFENSE

COURTHOUSE • P. O. BOX 1548
ALLENTOWN, PENNSYLVANIA 18105
(215) 820-3073

JERRY DUCKETT
CIVIL DEFENSE DIRECTOR

RECORDED

JUL 20 1984

July 18, 1984

R. A. KANKUS

Roberta Kankus
Philadelphia Electric Co.
2301 Market St.
Philadelphia, Pa. 19101

Dear Ms. Kankus:

As per conversation with Bob Bradshaw of Energy Consultants, we find that the 2-meter RACES radio requested, along with other equipment in my letter of 6/26, is not substantial enough to cover all frequencies and, consequently, my RACES people have had second thoughts. In it's place, I am requesting the following:

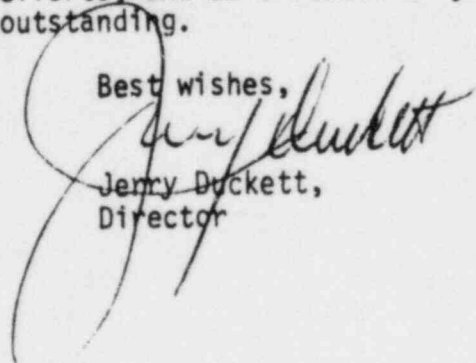
1 (one) ICOM 751 HF Transceiver. Includes:

internal power supply	
speaker	
hand microphone	
FM unit	
SSB filter	1249.00
Desk mike	39.00
freight	10.00
service manual	<u>25.00</u>
total cost	1,323.00

This should be purchased from Delaware Amateur Supply, 71 Meadow Road, New Castle, Delaware, 19720. We find them to have the best price. I would appreciate you ordering this as soon as you can. In addition, I find from the RACES operators, that they are having an extremely difficult time with their present repeater, which covers the 2-meter band and I am requesting your consideration for the purchase of a replacement. The cost estimate is around \$1500.00 and I am in the process of getting specs.

If you have any problems with either one of these items, please feel free to call me at your convenience, otherwise, I will contact you again when I get the specs for the repeater. Thank you for your continued cooperation. We are trying our best to support your efforts, and as a result of your contribution, I am sure Lehigh County will be outstanding.

Best wishes,


Jerry Dockett,
Director

cc: Bob Bradshaw



JERRY DUCKETT
CIVIL DEFENSE DIRECTOR

COUNTY OF LEHIGH
DEPARTMENT OF PROPERTY SERVICES
OFFICE OF CIVIL DEFENSE

COURTHOUSE • P. O. BOX 1548
ALLENTOWN, PENNSYLVANIA 18105
(215) 820-3073

RECEIVED

JUL 2 - 1984

R. A. KANKUS

June 26, 1984

Ms. Roberta A. Kankus
Director of Emergency Preparedness
Philadelphia Electric Company
2301 Market Street
Philadelphia, Pa. 19101

Dear Ms. Kankus:

During the course of preparation of Lehigh County's support plan for incidents at the Limerick Generating Station and recent drill activities to participate in the July 25 exercise, it has become apparent that several items directly related to this emergency response activity would greatly improve Lehigh County's response capabilities. These include the following:

	<u>Estimated Cost</u>
1 dozen reflective traffic vests @ \$9.00 each	108.00
1 box of flares	50.00
1 map file (model no. 439CRI-30 Plan Hold Corp. Lehigh Blueprint 2000 Butler St. Easton, Pa.) \$465.00 minus \$69.75 municipal discount	395.25
4 portable status boards (Weber Costello: T5-744-318 @ \$324.95	1,299.80
6 in/out trays (Sterling: K5-283-W5) @ \$5.75	34.50
3 folding tables (Barricks: BK-MLS-568) @ \$180.65	541.95
16 folding chairs (Samsonite: SC-2705-04) 4 @ \$64.00	256.00
1 topographic composite map of Lehigh County mounted on styrofoam and laminated (7½" quads)	70.00
1 RACES Base Station (Icom 271A 2 meter transceiver with power supply)	708.95
4 portable 2-way radios (quote attached)	see quote
4 AT&T 10-button telephone sets including intercom and hold button	check AT&T

Energy Consultants has agreed to provide a revised 5-copy message form for future use in Lehigh County, and additional plan copies for the exercise

Energy Consultants MEMORANDUM

RELATED CORRESPONDENCE

To: Alerting and Notification Task Force
From: Henry C. Tamanini *Henry*
Date: August 7, 1984
Subject: RECALL Software and Siren Information

DOCKETED
USNRC

'84 AGO 23 A11:57

OFFICE OF SECURE
DOCKETING & SERVICE
BRANCH

1. RECALL Software:

The attached material represents Mr. Tulloch's understanding of the software meeting held prior to the drill. Please review the material and note any modifications you may require.

2. Siren Information:

Mr. Paul Locke of PECO will be available the afternoon of August 21, 1984, (following the PEMA meeting) to discuss siren reports, system status and operation of sirens during the July 25, 1984 drill.

Please review the attached material and have your comments and suggestions available for the August 21, 1984 meeting. If you have any questions, please contact me.

HCT/dlt

Limerick Software Specification

Basic Characteristics:

- Number of lines - 4
- Confirmation code - 1 digit
- Call criteria - time of day
 - week end
 - priority
- Max records - 1330 (upto 2000)
- Manual interrupt capability
- One hour run time
- Simplified Unit generation

Call Reports:

- 1 - each call
- 2 - each list pass
- 3 - manual exit

Fields:

1 - Name	30	A-z
2 - Municipality	21 *	A-z
3 - Organization	15	A-z
4 - Response Code	1	Y/N
5 - Time On	4	0-9
6 - Time Off	4	0-9
7 - Weekend	1	Y/N
8 - Priority	2	00-99
9 - Principle Phone Number	11 *	0-9
10 - Alternate Phone Number	11 *	0-9

Total Characters 100

* These values have been changed to accommodate the large number of exchanges.

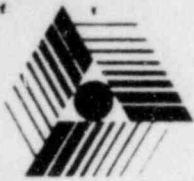
June 84

01.0

Sorts:

1	-	name	X	music	X	priority	X	ors	X
2	-	music	X	name	X	time	X	ors	X
3	-	ors	X	name	X	music	X		X
4	-	priority	X	name	X		X		X
5	-	time on	X	music	X	name	X		X
6	-	time off	X	music	X	name	X		X
7	-	w/e	X	ors	X	name	X		X
8	-	w/e	X	music	X	name	X		X
9	-		X		X		X		X

1 2 3 4 5 6 7 8 9



ENERGY CONSULTANTS

RIVERSIDE OFFICE CENTER 3 2101 N. FRONT ST. / HARRISBURG / PA 17110 / PH.(717)236-0031
CORPORATE OFFICE: 121 SEVENTH STREET, PITTSBURGH, PA 15222-3467 PH.(412)434-5200

August 7, 1984

Sister John Louise
Saint Mary of the Assumption School
209 Emmett Street
Phoenixville, PA 19460

Dear Sister:

Just a short note to say that I will be contacting you in the next few weeks (late August) to further discuss the radiological emergency response plans for incidents at the Limerick Generating Station.

I will be contacting the principal's of the other schools to arrange a group meeting after the start of school. The meeting will enable me to gain updated school information pertaining to enrollments and the resources needed for transportation.

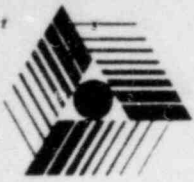
Hope you had a good summer. Please contact me if you have any questions.

Sincerely,

Henry C. Tamanini
Henry C. Tamanini

HCT/dlt

cc: Chester County DES



ENERGY CONSULTANTS

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CORPORATE OFFICE: 121 SEVENTH STREET PITTSBURGH PA 15222-3487 PH. (412) 434-5200

August 7, 1984

Sister Patricia Wickenheiser
Principal
Saint Basil the Great
Kimberton and Seven Stars Road
Kimberton, PA 19442

Dear Sister:

Thank you for speaking with me regarding the radiological emergency response plan for Saint Basil for Incidents at the Limerick Generating Station.

As discussed, I will be in contact with the other schools and coordinate a meeting after the start of school. I understand that Saint Basil's begins classes September 5, 1984.

Again, thank you for your time.

Sincerely,

Henry C. Tamanini
Henry C. Tamanini

HCT/dlt

cc: Chester County DES



ENERGY CONSULTANTS

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CORPORATE OFFICE: 121 SEVENTH STREET PITTSBURGH PA 15222-3487 PH. (412) 434-5200

August 6, 1984

Dr. Lucy Piotrowska, MD
Chief of Anesthesiology
Pottstown Memorial Medical Center
High Street
Pottstown, PA 19464

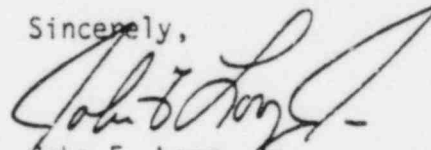
Dear Dr. Piotrowska:

Enclosed in response to your request is a "fact sheet" containing technical information on the Limerick Generating Station.

Should you desire more detailed information, I suggest that you call the information center at Limerick. I have enclosed the business card of Mr. Richard Geiger, Senior Energy Information Representative. I am sure that he can answer any additional technical questions which you may have.

Thank you for your interest.

Sincerely,



John F. Long, Jr.

JFL/dlt

Enclosures

Limerick Generating Station FACT SHEET

Engineer/Constructor: Bechtel Power Corporation

Owner: Philadelphia Electric Company

Nuclear Steam System Supplier: General Electric Company

Location: Limerick Township, Montgomery County, Pa.

21 miles northwest of Philadelphia—3 miles southeast of Pottstown

REACTOR VESSELS

	Metric
Type	Boiling water
Height	72 ft., 11½ in. 22.24 m.
Width	20 ft., 11 in. 6.4 m.
Material	carbon steel
Thickness .....	.6-5/16 in. 16.03 cm.
Volume .....	.23,250 cu. ft. 651 cu. m.
Design power .....	.3,293 MWt 3,293,000 kw.
Number required .....	.2
Vessel weight (including internals) .....	.1,201 tons 1,089 tons

STEAM

Temperature .....	.545° F. 285° C.
Pressure .....	.965 psi 6.6 MPa
Rate .....	.14,156,000 lbs./hr. 6,419,955 kg./hr.

TURBINE/GENERATOR

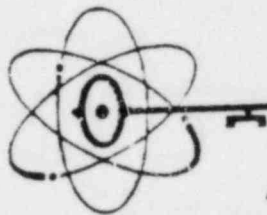
Gross design power .....	.1,100 MW _e 1,100,000 kw _e
Speed .....	.1,800 RPM
Length .....	.208 ft. 63.4 m.
Turbine section (double flow) .....	.1 high pressure, 3 low pressure
Generator	
Current .....	.33,197 amps maximum
Volts .....	.22,000
Hertz .....	.60
Rating .....	.1,265 MVA 1,265,000 KVA
Number required .....	.2
Horsepower .....	.1,500,000 each

COOLING TOWERS

Height .....	.507 ft. 155 m.
Width at base .....	.488 ft. diameter 149 m.
Width at top .....	.220 ft. diameter 67 m.
Structural material	
Concrete .....	.20,900 cubic yards 19,802 cu. m.
Reinforcing rods .....	.2,700 tons 2,449 tons
Water flow rate .....	.476,600 gallons per minute for each tower 1,803,931 l./min.
Evaporation rate .....	.2.7% (12,000 gallons per minute) 45,420 l./min.
Required make-up .....	.35,000,000 gallons daily 132,490,000 l./day
Number required .....	.2

MISCELLANEOUS

Engineering .....	.6.9 million manhours
Total field labor .....	.45 million manhours
Reinforcing steel .....	.40,000 tons 36,280 tons
Structural steel .....	.26,000 tons 23,600 tons
Total concrete .....	.400,000 cu. yds. 306,000 cu. m.
Large pipe (over 2½") .....	.560,000 lineal ft. 171,000 m.
Small pipe (under 2") .....	.520,000 lineal ft. 158,000 m.
Large valves (over 2½") .....	.4,500
Small valves (under 2") .....	.26,000
Cable .....	.9,500,000 ft. 2,900,000 m.
Number of cable and electrical connections .....	.290,000

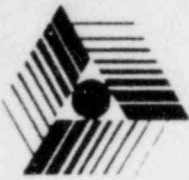


RICHARD H. GEIGER
SR. ENERGY INFORMATION
REPRESENTATIVE
LIMERICK
ATOMIC INFORMATION CENTER

PHILADELPHIA ELECTRIC COMPANY

298 LONGVIEW ROAD
LIMFIELD, PA. 19468

215 495-6767



ENERGY CONSULTANTS

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CORPORATE OFFICE: 121 SEVENTH STREET / PITTSBURGH / PA 15222-3487 / PH. (412) 434-5200

August 6, 1984

Mr. Harold W. Schwartz
Director of Indirect Services
The Devereux Foundation
Devon, PA 19333

Dear Mr. Schwartz:

Just a note to thank you for contacting Mrs. Helen Zipperlen of Camp Hill Village with reference to the use of your facilities in the event of an emergency.

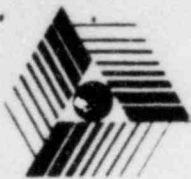
Please contact me if you have any questions or if you wish to discuss the planning process.

Sincerely,

Henry C. Tamanini
Henry C. Tamanini

HCT/dlt

cc: Chester County
H. Zipperlen



ENERGY CONSULTANTS

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CORPORATE OFFICE: 121 SEVENTH STREET / PITTSBURGH / PA 15222-3487 / PH. (412) 434-5200

August 6, 1984

Mrs. Helen Zipperlen
Administrator
Camp Hill Village
Kimberton Hills
P. O. Box 155
Kimberton, PA 19442

Dear Mrs. Zipperlen:

First of all, my apologies for the misspelling of your name in my last letter.

Per our telephone conversation of August 3, 1984, I feel that Dave Monteith has already accomplished the objectives that I envisioned when I suggested a meeting in my July 23, 1984 letter. I will still review the information and advise you and Mr. Monteith if any additional information is needed.

I have contacted Mr. Schwartz of the Devereux Foundation. He indicated that he will contact you and arrange for a visit to the proposed host facilities. I know that you wish to discuss medical arrangements and medications, so please keep me informed of your progress and the like.

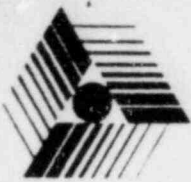
Thank you for your time. Please contact me if you have any questions or wish to discuss anything.

Sincerely,

Henry C. Tamanini
Henry C. Tamanini

HCT/dlt

cc: Chester County DES
D. Monteith, West Vincent EMC



ENERGY CONSULTANTS

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CORPORATE OFFICE: 121 SEVENTH STREET / PITTSBURGH / PA 15222-3487 / PH. (412) 434-5200

August 8, 1984

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

Dear Mr. Wolf:

Confirming our last telephone conversation, I understand that you would like to wait until the school sessions begin to schedule a meeting.

I also understand that Mr. Patterson of our training staff has been in contact with you by telephone and letter with regard to training programs.

Since the school year will soon begin and your staff will be returning, I would like to determine a time to meet and further discuss the needs and resources of Camp Hill Special School with regard to radiological emergency response plans for incidents at the Limerick Generating Station.

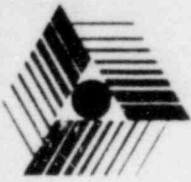
When you have had a chance to review your schedules and wish to suggest a convenient meeting time and date, please contact me at the Harrisburg telephone number.

Sincerely,

Henry C. Tamanini
Henry C. Tamanini

HCT/dlt

cc: Chester County



ENERGY CONSULTANTS

RIVERSIDE OFFICE CENTER 3 / 2101 N. FRONT ST. / HARRISBURG / PA 17110 / PH. (717) 236-0031
CORPORATE OFFICE: 101 SEVENTH STREET / PITTSBURGH / PA 15222-3467 / PH. (412) 434-5200

August 8, 1984

Sister Rosemary Fitzgibbons
Sacred Heart School
Lewis Road and Washington Street
Royersford, PA 19468

Dear Sister:

I would like to take this opportunity to welcome you as principal of the Sacred Heart School.

Our firm, Energy Consultants, has been hired by Philadelphia Electric to assist the counties, schools, municipalities and health care facilities within ten miles of the Limerick Generating Station prepare radiological emergency response plans. Sacred Heart School is approximately four miles from the Limerick Generating Station and is within the Emergency Planning Zone.

I have been working with Sister Stephanie Campbell in the development of a draft radiological emergency response plan. I am sure the material is on file at the school.

Realizing that you have many tasks and time commitments associated with your new position and the start of the school year, I will refrain from contacting you for a meeting until after the beginning of classes. If you would like to contact me, I may be reached at the above Harrisburg telephone number. You may call collect.

Sincerely,

Henry C. Tamanini
Henry C. Tamanini

HCT/dlt

cc: Montgomery County OEP



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)434-5300

August 8, 1984

Sister Electa, Principal
Saint Gabriel Elementary School
Fairview and Monroe Streets
Stowe, PA 19464

Dear Sister:

It was a pleasure speaking with you by telephone. I would like to take this opportunity to welcome you to Saint Gabriel.

As discussed, please contact me when you have had an opportunity to review your schedule.

I am looking forward to meeting you.

Sincerely,

Henry C. Tamanini
Henry C. Tamanini

HCT/dlt

cc: Montgomery County OEP



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CORPORATE OFFICE: 121 SEVENTH STREET / PITTSBURGH / PA 15222-3487 / PH. (412) 434-5200

August 8, 1984

Sister Stephanie Campbell
Sacred Heart School
Lewis Road and Washington Street
Royersford, PA 19468

Dear Sister:

Just a short note to say I am sorry to hear of your transfer, and to wish you well in your new assignment.

Thank you for all of your assistance and work with the Sacred Heart School emergency plan and training program.

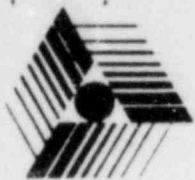
If I can be of any assistance to you in your new position, please contact me.

Sincerely,

Henry C. Tamanini
Henry C. Tamanini

HCT/dit

cc: Montgomery County OEP



ENERGY CONSULTANTS

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August 8, 1984

Father Robert Riedy
Saint Joseph Rectory
278 Schuylkill Road
Spring City, PA 19475

Dear Father:

Just a note to confirm our telephone conversation of August 7, 1984.

I am looking forward to meeting with you August 28, 1984 at 1:30.

Thank you for your time.

Sincerely,

Henry C. Tamanini
Henry C. Tamanini

HCT/dlt

cc: Chester County
Saint Joseph Kindergarten



Thomas J. Donnelly, Executive Director

PHOENIXVILLE HOSPITAL

140 West 20th
Phoenixville, Pennsylvania 19372
(215) 938-0100

August 3, 1984

Ms. Maureen Mulligan
Vice President
Limerick Ecology Action
Fox 761
Pottstown, PA 19464

Dear Ms. Mulligan:

Phoenixville Hospital participated in the Limerick nuclear drill on July 25, 1984.

We are aware that representatives from the Limerick Ecology Action organization were present at the hospital to observe the drill. While on-site, they were observed writing comments.

We would appreciate receiving a copy of their report so that we may review their observations and possibly incorporate them in our plan.

Thank you.

Sincerely,

Thomas J. Donnelly
Executive Director

/cso

cc: Mark A. Force
Chester County Department
of Emergency Services
David Dunn
Energy Consultants



ENERGY CONSULTANTS

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CORPORATE OFFICE: 101 SEVENTH STREET PITTSBURGH PA 15222-3487 PH (412)434-5200

August 7, 1984

Mr. Donald W. Bagenstose, Chairman
Berks County Board of Commissioners
Court House
Reading, PA 19601

Dear Commissioner Bagenstose:

Please accept my congratulations for a job well done during the recent Limerick full-scale emergency exercise. My staff has provided very positive comments about Berks County's performance and capabilities.

It has been a pleasure to have worked with Bob Reber while assisting in the development of Berks County's radiological emergency response plan for Limerick. Mr. Reber is a thoroughly competent professional who represents his agency, and Berks County well.

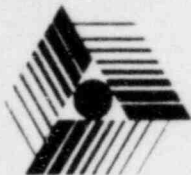
I would also like to recognize the efforts of the large number of dedicated volunteers, many of whom are County employees, who gave freely many hours of their time to attend training programs, practice drills and the exercise itself. The citizens of Berks County have a fine group of individuals willing to serve them in the event of an emergency.

In closing, let me emphasize what a privilege it has been for Energy Consultants to work with Mr. Reber and his corps of volunteers. We look forward to a continuing productive relationship with Berks County as the Limerick emergency preparedness project proceeds to its conclusion.

Very Sincerely Yours,

Kevin J. Molloy, Vice President
Planning and Management Services

KJM/dlt



ENERGY CONSULTANTS

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CORPORATE OFFICE: 101 SEVENTH STREET PITTSBURGH, PA 15222-3487 PH. (412) 434-5200

August 7, 1984

Mr. Joseph D. Hamilton
Director, Public Safety
Montgomery County
100 Wilson Boulevard
Eagleville, PA

Dear Mr. Hamilton:

Please accept my congratulations for a job well done during the July 25 Full-Scale Exercise for Incidents at the Limerick Generating Station. My staff has reported to me the professionalism demonstrated by your agency during the exercise. Your facilities are impressive, but more significant is the way that the staff utilizes the equipment and facilities to effectively deal with emergencies.

Please express to your staff the appreciation of Energy Consultants for the assistance they provided during the planning, training and exercise process. Our appreciation is extended to the Public Safety, Communications, EMS and OEP staff, the communicators dispatchers, the OEP staff group volunteers and the county employees who volunteered for message flow. Each of them were important to the overall successful effort.

We look forward to continued work with Montgomery County as the planning process proceeds to completion.

Sincerely,

Kevin J. Molloy, Vice President
Planning and Management Services

KJM/dlt

PHILADELPHIA ELECTRIC COMPANY

LIMERICK GENERATING STATION

OFFSITE TRAINING PROGRAM

DOSIMETRY AND DECONTAMINATION SEMINAR

FOR EMERGENCY PERSONNEL

I. INTRODUCTION

Instructor's Notes

- A. Philadelphia Electric Company is currently constructing the Limerick Generating Station in Limerick Township, Montgomery County. Since the Limerick facility is a nuclear power plant, the federal government and state law require that plans be developed and tested to provide for the safety of nearby communities should an accident ever occur at the Limerick plant. During the past year, counties as well as local municipalities, school districts and health care facilities have been involved in the development of radiological emergency response plans. Energy Consultants, an emergency planning firm from Harrisburg, was contracted by Philadelphia Electric Company to assist these local agencies in the development of the plans which are required by federal and state laws, regulations and guidelines. The goal of the plans is to provide adequate and timely response to radiological emergencies covering a full range of conditions. In addition to assisting in the planning process, Energy Consultants has been contracted by Philadelphia Electric to develop

Slide - E.C.I
31-B

Slide-Limerick
35-R

Briefly describe
future training
class will
receive.

and present training programs for those persons who could be expected to respond to a possible accident at the Limerick plant. Training programs are currently being developed for county and municipal officials; emergency response organizations, such as fire, police and emergency medical groups; school district personnel; and hospital and nursing home staff.

- B. The goal of this training session is to enable participants to correctly operate a decontamination station. The objectives of this session are that participants be able to:
1. Demonstrate a knowledge of radiation and associated health effects.
 2. Perform a decontamination survey of both personnel and vehicles.
 3. List the procedures to be followed in decontaminating both personnel and vehicles.
 4. Complete paperwork required for decontamination surveys and status reports.
 5. Demonstrate use of dosimetry and associated radiological exposure control procedures.
 6. State the activities that should be performed by the monitoring team at each incident classification.

- A. The nuclear electric power plant produces commercial electric power using the conventional heat-to-steam method. The energy source, however, is the nuclear fuel contained within the nuclear reactor. Basically, the nuclear fuel in the reactor core provides the heat to turn water into steam which turns the electric turbine generator that produces the electricity. The reactor, serving as the furnace, provides the environment for the generation of heat through the fission process. The fission process involves the splitting of atoms and results in the release of energy.
- B. Physical barriers are constructed around the nuclear fuel to prevent the escape of these fission products. Examples of these barriers are the cladding of tubes, the reactor vessel and the containment building. These barriers are there to protect nearby residents from these radioactive fission products which emit radiation.
- C. Radiation is usually associated with nuclear power plants and nuclear weapons. However, radiation is not a foreign substance, but, in fact, radiation always surrounds us. This is called "background radiation."

Slide Heat to
Steam 32-0

Slide
Fission
Process 3-0

Slide-Sources
of Radiation
10.1-0

Background radiation is radiation arising from natural radioactive materials always present in the air, water and ground, as well as from man-made sources. In a few minutes, we will discuss how much exposure we receive every year from back-

ground radiation as well as from man-made sources of radiation. But before we begin to discuss the effects of radiation, we need to define what radiation is.

- D. Radiation is the transmission of energy through space. Light waves and radio waves are forms of radiation. The types of radiation with which we are concerned in this training session are those types that can chemically alter living cells.

Slide-Ionizing
Radiation

These types are called "ionizing radiation." Should an incident ever occur at the power plant, state and county officials would be concerned that some of the materials that emit ionizing radiation might escape from the plant and affect community residents and livestock.

E. TYPES OF IONIZING RADIATION

There are various types of ionizing radiation: alpha, beta, neutron, gamma and X-rays, each with different characteristics. Of these, alpha, beta and gamma are of primary concern should a release ever occur at the Limerick Generating Station.

Slide - Com-
parison of
Alpha, Beta,
Gamma 10-T

1. Alpha radiation consists of positively charged particles and is emitted from naturally occurring elements--such as, uranium and thorium as well as from some man-made elements. Alpha radiation will not penetrate the surface of the skin. It can be stopped completely by a sheet of paper. However, the potential hazard that

Slide- Alpha
10-Q

alpha-emitting materials present is due to the possibility of their being taken into the body by breathing or swallowing along with food or water.

2. Beta radiation is a small negatively charged particle similar to an electron. It is more penetrating than alpha radiation and can pass through 2 millimeters of water or human flesh.

Slide -
Beta 10-R

A 1/10 inch sheet of aluminum can stop beta radiation. Beta radiation can cause damage to the skin similar to a burn but cannot penetrate through the skin to affect internal organs unless taken into the body through breathing or swallowing.

3. Gamma radiation can be very penetrating. It can pass through the human body but would be almost completely absorbed by about 40 inches of concrete. Dense materials such as concrete and lead are often used to provide shielding against gamma radiation. Gamma rays are very similar to X-rays.

Slide-
Gamma 10-S
Slide -
Man Reading
10.1-B

F. TERMS USED IN MEASURING RADIATION/RADIOACTIVITY

1. Exposure to radiation results in what is called a radiation dose. However, as in the case of coffee, brandy or medicine, the possible effects can be best evaluated when the quantity of the material is known and the rates at which it was

Slide - Watch
and Calendar
10-H

- received are also known. For example, a single glass of whiskey can be drunk and no significant side effects experienced. But what effects would drinking ten glasses have? Among other things, one would need to know whether they were consumed over 20 minutes or 20 days.
2. A roentgen is the unit of measurement used for exposure. It measures the amount of energy gamma radiation deposits in a volume of air. Slide - Roentgen 10-N
3. Frequently, you will hear the term REM (Roentgen or Radiation Equivalent Man), which equates the effect of dose of a particular type of radiation, to the living tissue. The rem is a simple way of expressing radiation in terms of its impact on man. Slide - Rem 10-o
4. Although these terms have specific technical differences, for offsite purposes both terms can be used to mean the same thing. Slide-1000 Roentgen = 1 Rem 10 - F
5. Another term we will be using is the prefix milli, usually in the term millirem. Milli is a prefix used in the metric system. One thousand milli equals one. Therefore, 1,000 millirems equals 1 rem. Measurements given in millirems usually involve low levels of radiation which are those levels usually found in nuclear power plants. Slide - 1000 millirem = 1 Rem 10-r

G. BIOLOGICAL EFFECTS OF RADIATION

1. Damage to a human cell caused by ionizing radiation, if left unrepaired, could result in one of the following: Slide-Comparison
of Radiation
Level's 10.1-A
- a. Damaged cell dies
 - b. Damaged cell goes into a state of suspended animation
 - c. Damaged cell reproduces and possibly leads to a colony of cells which all have the same defect of the original cell (if the genetic material of the cell is altered).
The most common effect of radiation damage is cell "inactivation," or in other words the cell loses its ability to function and eventually dies. As long as the number of cells inactivated or damaged is kept to a reasonable number, the body can withstand the harm done to it. However, it should be emphasized that any amount of radiation can have some effect on the cells of the body. Controlled doses for limited periods of time are tolerated well, but any exposure to radiation involves some risk of cellular damage and future effects such as cancer.

H. NATURAL AND MAN-MADE SOURCES OF RADIATION

1. As we discussed earlier, people have always been exposed to very small amounts of radiation through cosmic rays and naturally Slide - Natural
Sources 10-I

occurring radioactive minerals. This radiation occurs as a natural part of our environment and this constant occurrence should be no cause for concern.

Discuss Fiesta Ware and Coleman Lantern Mantles

2. People are also exposed to radiation daily from man-made sources. We are exposed every time we receive a medical X-ray, watch television or use products which contain radioactive materials.

Slide - Man-made Sources 10-J

III. RECORDING OF EXPOSURE

- A. These figures we just examined indicated the average amount of exposure we might receive from various natural and man-made sources of radiation.

1. Exposure occurs when a person or an object is penetrated by radiation. Exposure does not make a person become contaminated or radioactive. Since you cannot see, smell, or feel or taste radiation, the only way you yourself can know or measure the radiation you are being exposed to is to wear a dosimeter. Dosimeters measure the total dose of radiation received by the person wearing the dosimeter.

Slide - Radiation vs. Radioactive Material 10.1-C. Demonstrate use of dosimeter & survey meter with use of Fiesta Ware and Coleman lantern mantle.

2. Contamination occurs when radioactive material is deposited on people or things where it is not wanted. Contamination is detected through monitoring the object with a survey meter. If a person is contaminated, he/she can usually be decontaminated by washing with warm water and soap.

- B. Emergency workers are those emergency response personnel who could be expected to perform assigned activities either during or after an evacuation of the general public due to an accident at the Limerick Generating Station. For example, Emergency workers would include police directing traffic inside the area at risk or emergency medical personnel assisting in the evacuation of resident who were non-ambulatory. These emergency workers would be issued dosimetry to record if they were exposed to radiation while carrying out their assigned duties and, if they were exposed, the amount of the dose that they received.
- C. If plant or public officials suspected that any radioactive materials had been released from the power plant, they would require all emergency workers to be surveyed for contamination upon the completion of their duties. Members of the general public would also be surveyed to determine if they had been contaminated. Anyone found to be contaminated would be decontaminated, usually through showering with soap and warm water. Your organization has agreed to perform this radiological monitoring. In a few minutes we will practice monitoring for contamination, but first we will concentrate on using dosimetry to determine exposure.
- D. Radiological monitoring team members would be classified as emergency workers even though they would not perform assigned tasks inside the area at a risk. There is a possibility that someone--either an emergency worker or a member of the general public--could become contaminated with radioactive material. Since the radiological monitoring team members would survey the persons the members could be exposed to the radioactive materials.

This possibility is extremely small. Because of this risk, however, radiological monitoring team members would be issued dosimetry.

E. USE OF DOSIMETRY

1. A dosimeter is a device that measures exposure to radiation. The issue of dosimetry does not mean that a release has occurred or will occur. They may be issued as a precaution only. Slide 11H

Dosimetry would be issued to the radiological monitoring team members. Those people being issued dosimetry would receive three dosimeters which they should wear on their outer clothing while performing radiological monitoring functions.

2. Thermoluminescent Dosimeter (TLD) Slide - Pro's and Con's of TLD's
 - a. Emergency workers should clip the TLD to their outside clothing somewhere between the neck and the waist. The window on the TLD would face outward. 11H - Demonstrate use of TLD and pass TLD around for examination
 - b. TLD's are more accurate than self-reading dosimeters; however, the readings can only be obtained through the use of special equipment. TLD's record doses of gamma and/or beta radiation.
 - c. Each emergency worker should retain his/her individual TLD until the end of the emergency when the TLD's should be returned to the supervisor.

3. Self-reading Dosimeters

- a. Self-reading dosimeters enable emergency workers to continually keep track of individual radiological exposure.

Slide - Photo's and Con's of self-reading dosimeter

Instructor's Notes

However, self-reading dosimeters are not as accurate as TLD's and only record gamma radiation.

11K or N

Distribute

- b. Each emergency worker will be given two self-reading dosimeters to wear while inside the risk area, one will serve as a back-up for the other.

- CD V-730 or DC-622 record 0-20 R
- CD V-742 record 0-200 R

- c. Since self-reading dosimeters do not have their own batteries, they must be charged or zeroed before they can be used. CD V-750 dosimeter charges will be made available to emergency workers to charge their dosimeters at the station house. Dosimeters will be zeroed by the County Radiological Officer before they are distributed. However, they may need to be rezeroed before they are used, and definitely after each mission.

d. Charging a Dosimeter

- (1) Install a flashlight battery in the CD V-750 dosimeter charger.

Slide - How to charge the dosimeter.

- | | |
|---|---------------------------------------|
| (2) Place dosimeter charger on a flat surface such as a table. | Demonstrate how to change a dosimeter |
| (3) Unscrew the cap of the charging receptacle. | 1 Press lightly
poor lighting |
| (4) While pressing down on the dosimeter check to make sure that the vertical hairline is on zero. | 2. Press firmly to zero. |
| (5) If it does not read zero, turn the control knob to the left or the right until it does read zero. | |
| (6) After taking dosimeter off the charger, read it again by holding it up to a source of light. If the hairline has slipped, rezero the dosimeter. | |

4. Dosimeter/KI Report Form

- | | |
|---|--|
| a. Fill in your name, address, county that you are working in, social security number, and your emergency organization. | This should be a multiple copy form picked up with dosimeters.
Slide - report Form, series of 5 |
| b. For each mission, fill in your destination, date the serial number and initial reading of each dosimeter. While performing | Slide - 530
53Q
53S |

the monitoring function, read the dosimeters every half hour. Do not exceed 25 R cumulative total. If the readings from the two dosimeters do not match, use the higher reading.

53P

53N

53R

- c. Upon completion of your assignment, request a radiological survey of yourself to ensure you have not become contaminated. If your dosimetry indicates that you have been exposed, also request a radiological survey.

IV. RADIOLOGICAL SURVEYS AND DECONTAMINATION

- A. In the event of a radiological emergency at the Limerick Generating Station, monitoring will be performed by both the plant and the Commonwealth to determine if any radioactive materials have been or are being released from the plant. The monitoring equipment used by plant and state personnel is extremely sophisticated. This equipment can record not only the amount of radiation present, but also the types of radioactive materials being released.
- B. The radiological equipment available from the County is not intended for use in plume monitoring. Its main use is to detect the presence of contamination on persons or vehicles.
- C. The readily available services of survey and decontamination are very important for both emergency workers and members of the general Slide - Purpose of decontamination

public. A person found to be contaminated with radioactive materials should be decontaminated as quickly as possible in order to:

1. Remove the contamination from the skin as soon as possible.
2. Prevent contamination from entering the body.
3. Prevent the spread of contamination onto clean areas.

D. Use of Survey Meters

1. Survey meters are used to measure the exposure rate, so their scales read in roentgens or milliroentgens per hour.
2. Two models of survey meters will be available at decontamination stations/centers.
 - a. CD V-700 is a low-range instrument that measures from 0-50 mR/hour.
 - b. CD V-715 is a high-range instrument that measures from 0-500 mR/hour (used to back-up the CD V-700).

E. Use of the CD V-700 (0-50mR/hour)

1. Features
 - a. Meter

Scale shown on the meter reads from 0-0.5 milliroentgens per hour TLD's record doses of gamma and/or beta radiation.

*Slide - meter and control knob

b. Control Knob

Turning the control knob enables the user to read up to 100 times (100X) the maximum scale reading of 0.5 mR/hour. The control knob can be turned to three different ranges:

- (1) X1 to read 0-0.5 mR/hour (1X reading)
- (2) X10 to read 0-5 mR/hour (10X reading)
- (3) X100 to read 0-50 mR/hour (100X reading)
- (4) Range exercise (Scale at 0.3)

- (a) If control knob is set at X1, what is the reading? .3 mR/hour *Slide - meter needle pointing to 0.3
- (b) If control knob is set at X10, what is the reading? .3 mR/hour
- (c) If control knob is set at X100, what is the reading? 30 mR/hour

(5) Exposure Rate Exercise

- (6) If needle is at 0.4 and the range is X10, what is the exposure rate? *Slide - meter needle at
(a.) 0.4,
(b.) 0.1
(c.) 0.5

(a) If needle is at 0.1 and the range is X1, what is the exposure rate?
0.1 mR/hour

(b) If needle is at 0.5 and the range is X100, what is the exposure rate?
50 mR/hour or probably off-scale

- (7) If the exposure rate being measured is too high to be read using the X1 range, turn control knob to X10 or to X100.

c. Probe

The probe of the CD V-700 contains a Geiger tube encased in double metal cylinders. Class should examine probe.
The outside cylinder can be turned freely about the inside one. This outside cylinder has an opening on one side at the sensitive area of the Geiger tube. With the shield open, you can detect both beta and gamma radiation. With the shield closed, you can detect only gamma radiation.

d. Headphone and Connector

Use of the headphone allows the monitor to observe the position of the probe and better

control it while surveying. In addition, the headphone responds more quickly to changes in radiation levels than the meter.

2. Operational Check for CD V-700.

- a. Turn control knob to the X10 range. *Slide - operational
- b. Allow 30 seconds for warm-up.
- c. Turn the probe shield to the open position so the survey meter will detect both beta and gamma radiation.
- d. Hold the open area of the probe as close as possible to the operational check source. (The operational check source is a bit of radioactive material on the opposite side of the instrument case as the CD insignia.)
- e. The meter on the CD V-700 should read somewhere between 1.5 and 2.5 mR/hour.

F. Decontamination Survey Procedures

1. Location for decontamination survey activities will be separate from other areas. Precautions must be taken to prevent contamination of this area.
2. The monitor will conduct an operation check on the CD V-700, connect the headphone and set the range at the X1 range.

3. The monitor should open the shield on the probe and place the probe in a small, thin plastic bag.
4. The monitor will determine and record the background level.
5. The monitor will place the probe approximately two inches from the person's head while being careful to avoid physical contact. The survey will continue with the monitor moving the probe downward on one side of the body and up the other side. Then survey front and back of person. Remember to check the soles of the shoes. Slide - Surveying Person
6. The monitor will pinpoint any "hot spots" on the person being surveyed by listening to the levels on the headphone. An increase on the meter will occur as well. These "hot spots" should be noted on the decontamination survey form.

G. Decontamination Monitoring Report Form

1. The monitoring team must maintain a list of the names and Social Security numbers of all persons who are monitored--whether they are contaminated or not.
2. If a person is contaminated (0.05 mR/hour or higher above background), the team must complete a Decontamination Monitoring Report Form and ensure the person is decontaminated.
3. To record the results of the monitoring activity:

- a. Fill in the person's name, social security number, and address.
- b. Complete the block entitled "First Radiological Monitoring." This involves the signature of the monitor or recorder, the name of either the Mass Care Center or emergency worker decontamination station, the serial number of the survey meter, the date and the time.
- c. Record any reading of .05 mR/hour or higher under the "First Monitoring" column so the readings indicate the body site where these readings occurred.
- d. This example indicates that the person monitored has contamination present on his/her head, back and hands.
- e. The monitoring team should then ensure that the person is decontaminated.

H. Decontamination Procedures

1. Instruct person to remove the contaminated clothing immediately. Contaminated clothing should be placed in a plastic bag, tied securely at the top, and placed in a metal container with a snug fitting lid (such as a garbage can). The metal container(s) should then be stored in a restricted area that is not used for any other purpose until the container(s) is/are removed. The County EOC should be notified that these contaminated materials are present. *Slide-procedures for decontaminating the body

2. Instruct the person to shower using soap and lukewarm water.
3. Instruct the person to wash the most contaminated areas first and work toward the least contaminated areas.
4. Direct the person to avoid spreading the contamination to body openings and the eyes. Goggles should be worn, if necessary.
5. If hands are not contaminated, rubber gloves should be worn by the person to protect them.
6. Instruct the person to dry off.
7. Resurvey the person and record results in area marked "Second Monitoring Column." Also complete the information required in the block entitled "Second Radiological Monitoring." Slide
8. If the person is still contaminated (0.5mR/hour or higher above background), instruct him/her to repeat the shower or scrub contaminated areas. Inform the person to be careful not to scrub so hard as to damage the skin.
9. Resurvey the person and record the results in the areas designated for the third survey.
10. If the person is still contaminated (0.5 mR/hour or higher above background), the monitoring team should contact the County Slide

Radiological Officer for instructions. The person may have to be transported to be decontaminated at a special facility. The monitoring team should sign the form and complete required information regarding the transport of a person to a medical facility.

11. If the person is found to no longer be contaminated, the form should be so marked. The team members should sign the form. The original should be sent to the County Radiological Officer and the copy should be given to the person monitored.

12. Every two hours the monitoring team should make a verbal report to the County Radiological Officer. The team should use this form as guidance for the development of the report. Slide

- a. Number of persons monitored
- b. Number contaminated
- c. Number decontaminated
- d. Number referred to a medical facility
- e. The highest reading (above .05 mR/hour) of any particular individual
- f. Any unusual or particularly notable findings

I. Thyroid Gland Screening Check for Emergency Workers

In addition to the decontamination survey, emergency workers are to be screened to determine if their thyroid glands have absorbed radioactive iodine. The CD V-700 survey meter will be used

Slide-Performing
Screening Check

for this screening. The monitor should perform the screening as follows:

1. Close the shield on the probe.
2. Place the probe across the front of the neck just below the larynx (Adam's Apple). Slide - Diagram
3. If the reading is greater than or equal to 0.1 mR/hour, refer the person to an appropriate medical facility for evaluation.
4. If the reading is less than 0.1 mR/hour, no further action is necessary.
5. Record the information on the emergency worker's Dosimetry-KI Report Form and sign in the appropriate place. Slide - Dosimetry
KI Report Form
area.

J. Care of Vehicles in Contaminated Areas

1. If you drive through a contaminated area, close the vents and windows to prevent the interior of the vehicle from becoming contaminated by particles. *Slide - care of
vehicles in con-
taminated areas
2. Garages and warehouses can protect vehicles from contamination if the building's doors and windows are kept closed. *Slide - care of
vehicles in con-
taminated areas

3. All vehicles suspected of being contaminated should be driven directly to the decontamination station to be surveyed. The air filter and wheel wells are primary points to check to see if the vehicle is contaminated.
4. Interiors of vehicles should be checked only if:
 - a. External contamination is present
 - b. Passengers or patients have been found to be contaminated
5. If the exterior of the vehicle is contaminated, the vehicles should be washed and rechecked for contamination. If the interior of the vehicles is contaminated, the vehicle should be moved to a holding area and locked. Any persons who have traveled in the contaminated vehicle should be surveyed for contamination immediately.

Slide-Washing
vehicle

K. Operation and Use of CD V-715 Survey Meter

1. The main difference between the CD V-700 and the CD V-715 survey meters is their ranges. As you recall, the CD V-700 is a low-range monitoring device with a range of 0-50 mR/hour. The CD V-715, on the other hand, is a high-range monitoring device with a range of 0-500 R/hour. Because of the high range of the CD V-715, it will only be used as back-up to the CD V-700 at decontamination centers.

Slide-Range
of CD V-715

2. Features of the CD V-715 include:

a. Meter Scale

*Slide - Meter
Scale

The scale on the CD V-715 reads 0-5 R/hour along with a space entitled circuit check.

b. Selector Switch

*Slide - Selector
Switch Indicating
Range

Selector switch on the CD V-715 is more complicated in that it includes four ranges (X0.1, X1, X10, and X100), and 3 positions (zero, on/off, and circuit check).

c. Range

Turning the selector switch enables the user to read from 1/10 up to 100 times the scale reading. The range includes:

(1) X0.1 to read 0-5 R/hour (.1X reading)

(2) X1 to read 0-5 R/hour (1X reading)

(3) X10 to read 0-50 R/hour (10X reading)

(4) X100 to read 0-500 R/hour (100X reading)

d. Zero Position

The instrument will not be affected by radiation when the selector switch is at

"zero." This allows you to check the accuracy of the CD V-715 even while located in a contaminated area.

e. Circuit Check Position

Circuit check positions are located on both the selector switch and the meter scale. To make sure the CD V-715 is functioning properly, turn the selector switch to the circuit check position. The needle on the meter should immediately point to the circuit check position on the meter scale.

f. Zero Control Knob

If you should test for zero on the CD V-715 and find the meter scale reading above zero, turn the zero control knob until the needle reads zero.

3. Operational Check for CD V-715

*Slide - operational check

- a. Turn selector switch to the zero position.

procedures.

At this position the instrument should read zero.

Have all perform an operational check.

- b. Allow two minutes for the CD V-715 to warm up.

- c. Turn the zero control knob as necessary to make the meter read zero.

- d. Turn the selector switch to the circuit check position. At this position the needle

should point to the area marked circuit check on the meter. If the needle does not point to the circuit check portion of the meter, you know that something is wrong-- probably it needs new batteries.

- e. Turn the selector switch to each range-- X100, X10, X1, and X0.1--check that the meter is registering zero on each range.
- f. Recheck for zero on the zero position after checking all ranges.

V. Radiological Monitoring Activities

Actions to be taken by public officials, emergency workers and the general public during an emergency depend upon the seriousness of the incident. The provision of this information on the severity of the incident is extremely important since it does influence the level of response required. The power plant personnel are responsible for notifying state and county officials of essential information concerning the level of emergency action. There are four incident classification: Unusual Event, Alert, Site Emergency, and General Emergency.

Slide- 4 classifications

A. Unusual Event

This classification indicates that a minor problem has occurred in the normal plant operating procedures. At this point in time, county and state emergency management officials would be notified by the utility. No actions would be required of the monitoring teams.

Slide - Unusual
Event

B. Alert

An Alert means that abnormal plant conditions exist and small amounts of radiation may be released. During an Alert, county and municipal "Emergency Operations Centers" would be opened. These centers are the headquarters for county and municipal officials. At Alert the radiological monitoring teams would be notified of the situation by the County Radiological Officer. Personnel should remain where they can be easily reached by telephone or radio.

Slide- Alert

C. Site Emergency

Site Emergency means that plant functions needed to protect the public have failed or may fail. Releases of radiological materials from the plant will be in very small amounts; however, protective actions for the general public could be recommended at this time depending upon plant, weather and road conditions.

Slide- Site
Emergency

At Site Emergency, monitoring team personnel would be directed to report to the assigned fire department to receive radiological equipment and assignments. Teams could be dispatched to their assigned decontamination centers/stations if conditions at the plant warrant.

D. General Emergency

A General Emergency means that a threat to the general public either currently exists or is likely to occur in the near future. This is the most severe incident classification and protective actions - such as sheltering or evacuation - could be recommended.

Slide - General
Emergency

Monitoring team personnel would report to assigned locations and activate the decontamination centers/stations. Personnel assigned to decontamination stations would begin monitoring emergency workers when and if directed by the County Radiological Officer. Personnel assigned to Decontamination Centers would begin monitoring activities at the request of members of the general public. Monitoring team personnel would continue to deliver status reports to the County Radiological Officer every two hours throughout the remainder of the emergency.

VI. Review

- A. During this training session, we have discussed the following information:
1. The generation of electricity using the fission process.
 2. The effects of radiation on the human body.
 3. The measurement of exposure through the use of dosimetry.
 4. The monitoring of individuals to determine whether they have become contaminated.
 5. The procedure to be followed to decontaminate personnel.
 6. The survey and decontamination of vehicles.
 7. The activities that should be performed by monitors at each incident classification.
- B. A full-scale exercise to be held July 25 will test the ability of area governments and response organizations to adequately protect area residents. This exercise will be evaluated and graded by federal officials. (It will not include evacuation of the public.)

- C. If your organization is interested in demonstrating its capabilities in this exercise, please contact your municipal elected officials and your municipal coordinator. Let them know that you would like to participate in this exercise.

- D. Those groups electing to participate will be invited to take part in a drill program to prepare them for their role in the exercise.