264

RELATED CONNESPONDENCE

## PHILADELPHIA ELECTRIC COMPANY

2301 MARKET STREET
P.O. BOX 8699
PHILADELPHIA, PA. 19101

DOCKETED USNRO

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

EUGENE J. BRADLEY
ASSOCIATE GENERAL COUNSEL

DONALD BLANKEN
RUDOLPH A. CHILLEMI
E. C. KIRK HALL
T. H. MAHER CORNELL
PAUL AUERBACH
ASSISTANT GENERAL COUNSEL
EDWARD J. CULLEN, JR.
THOMAS H. MILLER, JR.
IRENE A. MCKENNA
ASSISTANT COUNSEL

(215) 841-4000

\*84 GD 23 A11:58

DOCKETING & SERVE BRANCH

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 OC

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

0503

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

Docket & Service Section

Timothy R. S. Campbell

James Wiggins

(w/o enclosure) (w/o enclosure) (w/enclosure) (w/enclosure) (w/o enclosure) (w/o enclosure) (w/enclosure) (w/o enclosure)

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(w/o enclosure)

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RELATED CORRESPONDENCE PHILADELPHIA ELECTRIC COMPANY 2301 MARKET STREET P.O. BOX 8699 PHILADELPHIA, PA. 19101 EDWARD G. BAUER, JR. USINEC (215) 841-4000 VICE PRESIDENT EUGENE J. BRADLEY '84 AGD 23 All :48 ASSOCIATE GENERAL COUNSEL DONALD BLANKEN RUDOLPH A. CHILLEMI E. C. KIRK HALL OOCKETING & SEAVING BRANCH T. H. MAHER CORNELL August 20, 1984 PAUL AUERBACH ASSISTANT GENERAL COUNSEL EDWARD J. CULLEN, JR. THOMAS H. MILLER, JR. IRENE A. MCKLNNA ASSISTANT COUNSEL Ms. Maureen Mulligan Limerick Ecology Action 762 Queen Street Pottstown, PA 19464 Re: Limerick Generating Station, Units 1 and 2 Docket Nos. 50-352 & 50-353 OC 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 0000g/0006g 7503

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

This section is intended to provide detailed immediate action guidance to those emergency response personnel designated to support the West Pikeland Township Radiological Emergency Reponse 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, futher 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 - Unsual 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

Emeryency Management Coordinator: Robert W. Rometsch
Alternate: Ben J. Sayyese

บทบวบ	AL E	VENI
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 included Communication Procedures.

# Implementing Procedure

## Emergency Management Coordinator

LERT				
1.	Doc	ument:		
	a.	Date:		
	D.	Time:		
	c.	Source:		
	d.	Details:		
				1000
2.	Not	ify:		
	a.	Elected Officials	Telephone	Time
		Alfred R. Brady	nome	
		George Irwin	home	
		Andrew McCreight	nome & office	
	b.	Key Staff		
		Deputy Coordinator Ben Saygese	nome	
		Radiological Officer Leo O'Brien	home	_
		or Deputy	home office	
		Police Services Officer Sid Brown	nome	
		or Deputy	nome office	
		Have key staff report to EUC	office	

	a.	Police Department Tow	Telephone	Time
	b.	Verification Message:		
		"This is <u>(name &amp; title)</u> . I would like been notified that an incident classificati declared at the Limerick Generating Station	on of 'Alert' ha	
4.	Rep	port to and activate local Emergency Operation	ns Center (EOC).	
	a.	Activated(time)		
	b.	Municipal Liaison Officer is notified of EU	C activation	(time)
	c.	Check communication systems for operability	· (time)	(crine)
	d.	Establish EOC security.	(crine)	
	e.	Monitor EBS station WCOJ 1420 AM.		
	f.	Verify Route Alert Teams have been mobilize		
	9.	(time) If public alert system has been activated, impaired.	notify hearing	
	h.	(time) In the event of a siren failure receive not that appropriate route alert teams have been		
	1.		to the Township I	(time)
	j.	(time) Log all incoming messages that provide inforesponse. Post pertinent information on sta		re a
5.	Not	tify the following:		
	a.	Special Facilities	Telephone	Time
	(1)	Pen-Y-Bryn Equestrian Center LTD  Major J. Beale or  Sue McCauley		
	(2)	Center for Performing Arts		
		Sue Howard	home	e
	(3)	) Chester Springs Library		

3. Verify that the following have been notified:

	(4)	Ind	ian Springs Day Camp	Dr. Mackrides	hom of f nom	ice
	b.	Mess	saye:			
			is is <u>(name/ti</u> 'Alert' has been decla			
		Note	e: This is provided for are normally requi		purposes only.	No actions
6.	the	Town	ARES operator contacts iship EUC. (time)			
7.	Rep	ort a	(time) all unmet needs to the	Municipal Liaiso	on Officer.	
8.	Rev	iew r	remaining emergency pro	ocadures in the e	(t	ime)
9.	Mai	ntair	n Alert status until no on of classification:			
	a.	Date	:			
	b.	Time	:			
	c.	Sour	ce:			
	d.	Disp	osition			
		(1)	Termination			
		(2)	Escalation			
		(3)	Reduction			
υ.	If ter	escal minat	ation, accomplish appr ion, verify/notify the	ropriate Implement following:	ting Procedure.	If
	a.	Veri	fication:			
		(1)	Police Department		Telephone	Time
		(2)	Verification Message:	То	wnstrip barrding	
				tle) . I wou	at the Limerick	Generat-
	b.	Noti	fication:			
					Telephone	Time

(1)	Elec	ected Officials	
	Alfr	rad R. Brady	ce
	Geor	orge Irwinhome	ce
	Andr	frew McCreightnome offi	AND DESCRIPTION OF THE PERSON NAMED IN
(2)	Spec	ecial Facilities	
	(a)	Pen-Y-Bryn Equestrian Center LTD  Major J. Beale or  Sue McCauley	
	(b)	Suc Homai s	one ffice
	(c)	Chester Springs Library	
	(d)	Indian Spring Day Camp Dr. Mackrides of	fice
3) Mess	age:		
	Lime	nis is (name/title) . The emerge merick Generating Station has been terminated/results Event."	
amanka l	Action	one Takan.	

## 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.	Doc	ument:		
	a.	Date:		
	b.	Time:		
	c.	Source:		
	d.	Details:		
2.	Not	ify:		
	a.	Elected Officials	Te lephone	Time
		Alfred R. Brady	home	
		George Irwin	home office	
		Andrew McCreight	home & office	
	b.	Key Staff		
		Deputy Coordinator Ben Saggese	hoine	
		Radiological Officer Leo O'Brien	home	
		or Deputy	home office	
		Police Services Officer Sid Brown	home	
		or Deputy	home office	

		Mave key staff report to EUC.		
3.	Ver	rify that the following have been notifi	me) ed:	
	a. b.	Police Department Verification Message:	Telephone Township bur din	Time
		"This is (name) . I woul been notified that a 'Site Emergency' Limerick Generating Station."	d like to verify th has been declared a	at you have t the
4.	Rep	port to and activate the local Emergency	Operations Center	
	a.	Activated(time)		
	b.	Municipal Liaison Officer is notified	of EOC activation.	7-1>
	c.	Communications systems checked for ope		(time)
	d.	Establish EOC security.	(time)	
	e.	Monitor EBS station WCOJ 1420 A:i.		
	f.	Verify Route Alert Teams have been mob	(time) ilized as necessary	
	y.	(time)  If the public alert system has been ac impaired.  (time)	tivated, notify hear	ring
	h.	In the event of a siren receive notifi appropriate route alert teams have bee	cation from the Cour n dispatched.	nty that
	i.		(1	ime)
	j.	(time) Log all incoming messages that provide response. Post pertinent information	information or requ on status board.	iire a
5.	Ha v ope	ve additional emergency personnel report eration), or where needed.	to the EUC (for 24-	-hour
5.	Ens	sure that appropriate EOC staff have plankers on standby status.	ced their respective	emergency
7.	Not	ify the following: (time)		
	a.	Special Facilities	Telephone	Time
	(1)	Pen-Y-Bryn Equestrian Center LTD Major J. Beale or Sue McCauley		

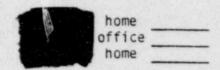
	Sue Howard nome				
	(3) Chester Springs Library				
	(4) Indian Springs Day Camp  Dr. Mackrides  nome  pffice home				
	b. Message:				
	"This is (name/title) . An incident classification of 'Site Emergency' has been declared at the Limerick Generating Station." (Provide appropriate instructions as 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.				
9.	Ensure Radiological Officer has distributed dosimeters/KI to emergency workers.  (time)				
0.	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 Police Services Officer and the County are aware of any problem areas.				
1.	Ensure ARES operator contacts the County ARES base upon arrival at the Township EOC. (time)				
2.	Report all unmet needs to the Municipal Liaison Officer.				
3.	Review remaining emergency precedures in the event of escalation.				
4.	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				

5.	If ter	escal	lation	uction n, accomp or reduct	(tim		plementing	y Procedu y/verify	re. If	lowing
	a.	Veri	ficat	tion:						
		(1)	Poli	ice Depart	tment			elephone		Time
		(2)	Veri	ification	Messag	e:				
			have	e been not	ified	itle) that the eme has been ter	rgency at	the Limer	verify rick	you
	b.	Noti	ficat	ion						
		(1)	Elec	ted Offic	ials		Tele	ephone		Time
			Alfr	red R. Bra	ady		4	home		
			Geor	ge Irwin			-	home		
			Andr	ew McCrei	ght			home		
		(2)	Spec	ial Facil	ities					
			(a)	Pen-Y-Br	yn Eque Major Sue Mc	estrian Cento J. Beale or Cauley	er LTU			
			(5)	Center f	or Per	forming Arts ward			ome office	
			(c)	Chester	Springs	s Library	1			71.
			(d)	Indian S	prings	Day Camp Dr. Mackride	es <b>E</b>	0	ome office	
		(3)	Mess	age:						
		190		-						

A-9

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

(4) Indian Springs Day Camp Dr. Mackrides



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.	Doc	cument:		
	a.	Date:		
	b.	Time:		
	c.	Source:		
	d.	Details:		
2.	Not	ify:		
	a.	Elected Officials	Te lephone	Time
		Alfred R. Brady	nome	
		George Irwin	home	
		Andrew McCreight	home & office	
	b.	Key Staff		
		Deputy Coordinator Ben Saygese	home	
		Radiological Officer Leo O'Brien	home	
		or Deputy	home office	
		Police Services Officer Sid Brown	home	
		or Deputy	home office	

		Have key staff report to EOC.		
3.	Ver	(time rify that the following have been notified	,	
	a.	Police Department	Telephone	Time
	b.	Verification Message:	Township burnding	
		"This is <u>(name/title)</u> . I would libeen notified that a 'General Emergency' Limerick Generating Station. The recomm	has been declared at	the
4.	Rep	port to and activate the local Emergency O	perations Center.	
	a.	Activated(time)		
	D.	Municipal Liaison Officer is notified of		me)
	c.	Communications systems checked for operations		
	d.	Establish EOC security. (time)	(crime)	
	e.	Monitor EBS station WCOJ 1420 AM.	time)	
	f.	Verify Route Alert Teams have been mobil		
	g.	Verify the County has assigned to a ARES	to the Township EUC	
	h.	(time) Log all incoming messages that provide in response. Post pertinent information on	nformation or require status board.	e a
5.	Ens	sure that all necessary emergency response EOC, where needed, or to pre-assigned lo	personnel have reportation.	rted to
6.	Not	ify the following:	(time)	
	a.	Special Facilities	Telephone	Time
		(1) Pen-Y-Bryn Equestrian Center LTD Major J. Beale or Sue McCauley		
		(2) Center for Performing Arts Sue Howard	home Foffice	
		(3) Chester Springs Library		

(4)	Indian	Springs	Day	Camp
				. Mackrides



	. 19 5일 열리 보다 19 12 시간에 하는 2년 1일 12 12 12 12 12 12 12 12 12 12 12 12 12
	b. Message:
	"This is (name/title) . A 'General Emeryency' has been declared at the Limerick Generating Station. The recommended protective action is"
7.	Note: If a protective action has not yet been determined, instruct them to tune to the EBS station.  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 Township Fire Officer contacts County Fire Officer.
8.	(time) Ensure Radiological Officer has distributed dosimeters/KI to emergency workers and EOC Staff.
9.	(time) Ensure ARES operator contacts the County ARES base upon arrival at the township EOC.
0.	(time) Ensure Access Control Points have been manned.
1.	Review rome conditions with EOC staff, i.e., there is no construction or other at vity 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.
2.	Report unmet needs to the Municipal Liaison Officer.
3.	If sheltering is recommended: (time)
	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 form the County that appropriate route alert teams have been dispathed.  (time)
١.	If evacuation is ordered:
	a. When the public alert system has been activated, notify hearing impaired. (time)

D.	Monitor EBS station to ensure proper instructions are being given to the general public.
с.	(time) In the event of a siren failure receive notification from the County that appropriate route alert teams have been dispatched.
d.	Ensure Traffic Control Points have been manned. (time)
e.	Assign sufficient emergency workers to Police Services Office to support transportion 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)
	(2)
	(3)
g.	Monitor evacuation process and report any problem areas to the Municipal Liaison Officer.
	(1)
	(2)
	(3)
Mai	ntain General Emergency status until:
a.	Reduction of classification.
b.	Termination of emergency. (time)
c.	EUC must be evacuated. (time)
If ver	reduction of classification or termination of emergency, notify/ ify the following:
a.	Verification:
	(1) Police Department Telephone Time
	(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 "

15.

16.

(1)	Elected Officials	Telephone	Time
\\\\\\\\\\.	Alfred R. Brady	nome	
	George Irwin	home	
	Andrew McCreight	home & office	
(2)	Special Facilities		
	(a) Pen-Y-Bryn Equestrian Cent Major J. Beale or Sue McCauley		
	(b) Center for Performing Arts Sue Howard	nome	ce
	(c) Chester Springs Library		
	(d) Indian Springs Day Camp Dr. Mackrides	home office home	e
(3)	Messaye:		
	Limerick Generating Station has	. The emeryer s been terminated/reduce instructions as appropri	ed to
17. If the EG	OC must be evacuated:		
	ossible, wait until the municipating the EOC.	ality has been evacuated	i before
b. Secur Towns	re the facility and proceed to a ship Building.  (time)	alternate EUC located at	Uwchlan
c. Notif	fy Chester County Municipal Liai rnate EUC. (time)	ison Officer upon your a	irrival at
18. Remarks/A	Actions Taken:		

b. Notification

#### ANNEX B

## Implementing Procedure

## Police Services\*

	Police Services Officer: Sid Brown
	Alternate: (name)
NUSI	UAL EVENT
100	
	esponse necessary unless police services are required at the Limerick rating Station.
LER	
he I	Police Services Officer shall:
1.	Upon request of the Emergency Management Coordinator, report to the EOC
2.	(time) Update the list of those individuals requiring special assistance in the event of evacuation (Appendix B-3).
	a. Notify County Medical Coordinator of changes in the list of those individuals requiring ambulance support.
	b. Notify County Transportation Officer of changes in the list of thos 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 transportation procedures.

and

#### Police Services

### SITE EMERGENCY

The Police Services Officer shall:

1.		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.							
	c.	(time) Update the list of those individuals who do not normally have transportation available 24-hours a day (reference Appendix 8-5).							
	d.	(time) Review transportation resource requirements (reference Appendix 8-4).							
	e.	Notify the County Transportation Coordinator of any changes in requirements.							
	f.	Proceed to Step 2.							
2.	If	escalation from Alert or if proceeding from Step 1, then:							
	a.	Mobiliza, if necessary, additional police personnel (reference Appendix B-1) and have them report to police station.							
	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. (NUTE: If a protective action is recommended at Site Emergency, accomplish the appropriate steps indicated in the General Emergency section).							

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

# Police Services

## GENERAL EMERGENCY

The Police Services Officer shall:

If Eve	If this is the first notification received or if escalation from Unusualivent, then:					
a.	Report to the EUC. (time)					
b.	Update the list of those individuals requiring special assistance i the event of evacuation (reference Appendix B-3).					
	(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.					
с.	Update the list of those individuals who do not normally have transportation available 24-hours a day (reference Appendix 8-5).					
d.	(time) Review transportation resources requirements (reference Appendix B-4).					
е.	Notify the County Transportation Coordinator of any changes in requirements.					
f.	(time)  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.					
h.	Ensure police emergency workers have been issued dosimeters- KI(time)					
i.	Proceed to Step 2.					
If Ste	escalation from Alert or Site Emergency, or if proceeding from p 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)					

. If	recommended protective action is <u>evacuation</u> ,
(1)	Verify Traffic Control Points are manned (reference Appendix B-2).
(2)	(time) Verify Access Control Points are manned (reference Appendix B-2).
(3)	Ensure that population requiring ambulance transportation is served.
(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).
(5)	(time) 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.
(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.
(7)	Prepare a list of names and addresses of persons to be picked- up to each vehicle including ambulances.
(8)	Upon the arrival of vehicles at the municipal transportation staying 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 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 Pocopson Home, West Chester. Emergency workers need not accompany vehicles to reception facilities.
(9)	(time) After population has evacuated, ensure police relocate to Lionville Fire Company.
(10)	(time) Relocate to alternate EOC after population has departed.
	(time) rmination, have emergency workers return dosimeters/unused KI to Radiological Officer.

(2) Initiate increased security measures, i.e., increase vehicular

3.

#### PULICE - EMERGENCY RECALL RUSTER

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

### PULICE- RESOURCE INVENTURY

2 cars

## TRAFFIC CONTRUL PUINTS

Post Number	Location	Responsible Police Organization	# Ufficers Assigned
W. Pikeland 1	Route 4J1 & Route 113 Route 113 & Pikeland Road	State Township	2

## ACCESS CUNTROL POINTS

Post Number		Lo	ocation	<u>n</u>		Responsible Police Organization	# Ufficers Assigned
			Seven Upper		Rd.	State State	1

### RESIDENTS WITH SPECIAL TRANSPORTATION REQUIREMENTS

- A. Residents Requiring Amoulance 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

Venicles Required Venicles Available Unmet Needs

1 Bus U Buses 1 Bus

#### ANNEX C

#### Implementing Procedure

### Radiological\*

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

#### UNUSUAL EVENT

No response necessary.

#### ALERT

The Radiological Officer shall:

- Upon request of Emergency Management Coordinator, report to the EUC.
- (time)

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

<sup>\*</sup>Note: This procedure has been modified to include Fire and Public Works procedures.

# Radiological

## SITE EMERGENCY

The Radiological Officer shall:

	If this is the first notification received or if escalation from Unusua 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 sufficeint 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:
	<ul> <li>Distribute dosimeters/KI to municipal emergency workers and EUC staff (reference Appendix C-4); obtain a signed receipt (reference Appendix C-6).</li> </ul>
	(time)
	b. Ensure Public Works Department emergency workers have been issued dosimeters/KI.
	(time)
	c. Monitor weather conditions.
	d. Review remaining emergency procedures in the event of escalation.
	<ul> <li>Maintain Site Emergency status until notified of termination, escalation or reduction of classification.</li> </ul>
3.	If termination, collect dosimeters/KI from emergency workers, inventory,
	and prevare for return to County FIC

4. Remarks/Actions Taken:

# Radiological

## GENERAL EMERGENCY

The Radiological Officer shall:

1.		this is the first notification received or if escalation from Unusual nt, 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)	
	D.	If recommended protective action is evacuation, be prepared to conduct road clearing operations as necessary.  (time)	
	с.	Relocate to alternate EOC after population has departed.	
3.		(time) n termination of emergency, collect dosimeters/KI from emergency kers, inventory, and prepare for return to County EOC.	
4.	Rem	arks/Actions Taken: (time)	

#### RUUTE 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.

# RUUTE ALERT TEAMS

Sector No. 47-C Alert Team: Lionville Fire Department	
Leader: *	
Assistant: *	
Transient Location: None	
Hearing Impaired: List is on file in the EUC.	
Sector No. 47-D Alert Team: Lionville Fire Department	
Leader: *	
Assistant: *	
Transient Location: None	
Hearing Impaired: List is on file in the EUC.	
Sector No. 47-E Alert Team: Lionville Fire Department	
Leader: *	
Assistant: *	
Transient Location: None	
Hearing Impaired: List is on file in the EUC.	
Sector No. 47-F Alert Team: Lionville Fire Department	
Leader: *	
Assistant: *	
Transient Location: None	
Hearing Impaired: List is on file in the EUC.	
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 EUC.	
Sector No. 61-B Alert Team: Kimberton Fire Department	
Leader: *	
Assistant: *	
Transient Location: None	
Hearing Impaired: List is on file in the EUC.	
Sector No. Alert Team:	Fire Department
Leader: *	The Department
Assistant: *	
Transient Location: None	
Hearing Impaired: List is on file in the EOC.	

<sup>\*</sup>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 DUSIMETRY-KI LIST

	AGENCY	MBER OF	EMERGENCY	WURKERS
Α.	Emergency Management Agency		12	
	West Pikeland Township Pikeland Road & Rt. 113 Chester Springs, PA			
в.	Police Department			
	West Pikeland Township Route 113 Chester Springs, PA 19425		3	
С.	Public Works		5	
	Total Units of Dosimetry-KI Requ	ired _	20	

ISSUED I	BY ISSUE	о то
	ADDRE	
	IBLE INDIVIDUAL	
	NE	
teams. county e	TIONS: During a nuclear power plant incident, used distributing the items listed below to munically this form should be used for transfer of these emergency management agency to risk municipalities and (2): the municipalities to their local emergolice, and ambulance associations).	ipalities and decontamination monitoring items in bulk form from: (1) the ies and decontamination monitoring
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)
-	CD V-700 Survey Meter	
7.	Dosimetry-KI Report Form	
8.		
	Decontamination Monitoring Report Form	
8.	Decontamination Monitoring Report Form  Receipt Form for Dosimetry-Survey Meters-KI	

DATE \_\_\_\_

SIGNATURE: X

-		VCKHO	MEDCHENT OF RECEIP	T BY EHERGENC	Y WOUKERS FO	OR DOSTHETRY-KI AND SURVEY HET	TERS
(see co CD V-70 INSTRUC sectal column item in KI author plant in INSTRUCT	tunn 2). Only mem (1) aurvey meter (se 110015 FOR DISTRIBU number of the DCA-  2. By signing col dicated on the res orized to be used) neldent is termina 110025 FOR RETURN O	thera of decontamin a column 6).  TICN: Enter (1) or 622 in column 2 and umn 8, the individual executive line and a upon request and inted.	mmination monitoring to action monitoring to action monitoring to (0) in columns 2 at the serial number sal accepts respons acces to return the automatically when [/] by the organisch item.	v-730 or DCA amu receive a  nd 6. Record of the TLD i  1bility for c  se Items (lea the nuclear p	the Rinach Of	ATE  AHE OF EHERGENCY ORGANIZATION ESPONSIBLE INDIVIDUAL.  RGANIZATION ADDRESS	
1	2	3	4		6		1 8
DOS 110:TE (0-200R)	R OR DCA-	TLD (THERNO- LUMINESCENT DOSINETER)  (Serial Humber	(Tablete)	DOSINETRY- KI REPORT FORM	CD V-700 SURVEY HETER	INDIVIDUAL'S NAME (print legibly)	INDIVIDUAL'S SIGNATUR
1 e_ch			l bottle	1 each			
1 each			1 bottle	1 coch		REPORT OF THE PARTY OF	
1 each			1 bottle	1 each			
1 each			1 bottle	1 each			
l each			1 bottle	1 each			
1 each			1 bottle	1 each			
1 each_	-		1 bottle	1 each			
l each			1 bottle	1 each			

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1 each

Draft

# Implementiny Procedure

# Emergency Management Coordinator

ALERT					
1.		cumen	t:		
			e:		
	b.				
			ails:		
2.	Not	ify:			
	a.	Elec	cted Officials	Telephone	Time
		(1)	George Graefe, Jr. President	home	
		(2)	William E. Leyrandge, Jr.	home office	
		(3)	Jacob S. Uxenford	home	
		(4)	Walter J. Alphin	home	
		(5)	Myron S. Wheeler	home	
	b.	Key	Staff		
		(1)	Police Services Officer or deputy	home Office home office	=
		(2)	Fire Chief - Amity	home	

deputy

	(:	3) Communications Officer or deputy	home office nome office	
	(4	Transportation Officer or deputy	home office nome office	
	(:	or Deputy	nome   office   home   foffice	
	(6	Public Works Officer or deputy	home office nome office	_
	(7	') Radiological Officer or deputy	home office home office	
	(8)	) Deputy EMC	home office	=
	На	ve key staff report to EUC.		
3.	Verify	that the following have been notified	d:	
			Telephone Time	
	a. Po	lice Department		_
	b. Fi	re Department Amity		
	c. Fi	re Department - Monarch		
	d. Ve	rification Message:		
	be	his is <u>(name &amp; title)</u> . I would en notified that an incident classifi clared at the Limerick Generating Sta	cation of 'Alert' has been	
4.	Report	to and activate local Emergency Oper	ations Center (EOC).	
	a. Ac	tivated(time)		

	Cour	nty Municipal Liaisor	notified of EUC act	tivation (376-495	9).
c.		(time) ck communication syst	ems for operability.		
				(time)	
d.	EST	ablish EUC security.	(time)		
e.	Mon	itor EBS station WHUM	1 1240 AM.		
f.	Ensu	ure Route Alert Teams	(time		
g.	If p	(time) public alert system h	as been activated, n	otify hearing	
	Timpa	ired. (time)			
h.	In t	the event of a siren	failure, receive not	ification from t	he
	Cour	nty that appropriate	Route Alert Teams ha	ive been dispatch	ed.
	7	time)			
Ver	ifv t	hat the following ha	ve been notified:		
			ve seen noorries.		
a.	Scho	ools		Telephone	Tim
	(1)	Daniel Boone School District	Joseph Minella Superintendent	nome	
				O I I I I	
	121	Amit. Flamasta	W-1 - W		
	(2)	Amity Elementary Center	Ralph Baynato Principal	nome	-
		Center	Ralph Baynato Principal	nome	_
b.					
b.	Majo	Center	Principal  George Barrett		
b.	Majo	Center r Industries	Principal	office	
b.	Majo	Center r Industries	George Barrett Plant Engineer Phillip R. Metzler	office	
b.	Majo	Center r Industries	George Barrett Plant Engineer	office	
D.	Majo	Center  r Industries  Kiwi Corporation  American Crane &	George Barrett Plant Engineer Phillip R. Metzler Personnel Director	office	
D.	Majo (1)	Center  r Industries  Kiwi Corporation	George Barrett Plant Engineer Phillip R. Metzler Personnel Director	office	
b.	Majo (1)	Center  r Industries  Kiwi Corporation  American Crane &	George Barrett Plant Engineer  Phillip R. Metzler Personnel Director  Pat Olock General Manager  Odevar Norhein	office office office office	
b.	Majo (1)	Center  r Industries  Kiwi Corporation  American Crane &	George Barrett Plant Engineer  Phillip R. Metzler Personnel Director  Pat Olock General Manager	office orfice office office	
b.	Majo (1)	Center  r Industries  Kiwi Corporation  American Crane & Hoist, Inc.	George Barrett Plant Engineer  Phillip R. Metzler Personnel Director  Pat Olock General Manager  Odevar Norhein	office office office office	
	Majo (1)	Center r Industries Kiwi Corporation  American Crane & Hoist, Inc.	George Barrett Plant Engineer  Phillip R. Metzler Personnel Director  Pat Olock General Manager  Odevar Norhein Vice President	office office office office	
	Majo (1) (2)	Center  r Industries  Kiwi Corporation  American Crane & Hoist, Inc.	George Barrett Plant Engineer  Phillip R. Metzler Personnel Director  Pat Olock General Manager  Odevar Norhein Vice President	office office office office	

					Telephone	Time	
	a.	Spec	ial Facilities				
		(1)	St. Paul's Christian Preschool	Carol Keane	nome office		
		(2)	Hickory Dickory Dock	Marie Nace	nome (unitsted) office		
	b.	Mess	age:				
		"Thi	s is (name/tit Alert has been declar	red at the Limer	An incident classifi	cation ion."	
		Note	: This is provided for are normally requir	or informational red.	purposes only. No	actions	
7.	Ens	ure R	ACES operator contacts	the County RAC	ES base upon arriva	l at	
8.	Rev	iew r	(time) remaining emergency pro	cedures in the	event of escalation		
9.	Rep	ort a	ll unmet needs to the	County Municipa	l Liaison		
10.	Mai	time) ntain uctio	Alert status until no n of classification:	otified of termi	nation, escalation	or	
	a.	Date	: <u></u>				
	b.	Time	:				
	c.	Sour	ce:				
	d.	Disp	osition				
		(1)	Termination				
		(2)	Escalation				
-		(3)	Reduction				
11.	If escalation, accomplish appropriate Implementing Procedure. If termination or reduction of classification, verify/notify the following:						
	a.	Veri	fication:		Telephone	Time	
		(1)	Police Department				
		(2)	Fire Department Amity				

6. Notify the following:

(3)	Fire	Department - Mo	narch		
(4)	School	ols			
	(a)	Daniel Boone School District		iome office	
	(b)	Amity Elem. Center	Ralph Bagnato Principal	home office	
(5)	Majo	r Industries			
	(a)	Kiwi Corp.	George Barrett Plant Engineer	office	
			Phillip R. Metz Personnel Direc		
	(D)	American Crane & Hoist, Inc.	Pat Ulock General Manager	office	
			Odevar Norhein Vice President	home office	
	(c)	Precision Technology	Donald S. Volk	office	
(6)	Veri	fication Message:			
	have	been notified the rating Station ha	nat the emergenc	ld like to verify the y at the Limerick ed or reduced to Unu	
Notif	ficati	ion:			
(1)	Elect	ted Officials		Telephone	Time
	(a)	George Graefe, J President	Jr.	home	
	(D)	William E. Leyra	andye, Jr.	home office	
	(c)	Jacob S. Oxenfor	rd _	home	
	(d)	Walter J. Alphir	' =	home	
	(e)	Myron S. Wheeler	1	home	

# (2) Special Facilities

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

Phome office \_

(b) Hickory Dickory Marie Nace Dock

nome (unlisted) office \_\_

(3) Message:

"This is <u>(name/title)</u>. 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.	Do	cument:		
	a.	Date:		
	b.	Time:		
	c.	Source:		
	d.	Details:		
2.	Not	:ify:		
	a.	Elected Officials	Telephone	Time
		(1) George Graefe, Jr. President	home	
		(2) William E. Leyrandye, Jr.	home	
		(3) Jacob S. Oxenford	home	
		(4) Walter J. Alphin	home	
		(5) Myron S. Wheeler	home	
	b.	Key Staff		
		(1) Police Services Officer or deputy	home office home office	
		(2) Fire Chief - Amity or deputy	home office nome office	

	(3)	Communications Officer or deputy	nome office nome office	
	(4)	Transportation Officer or deputy	home foffice nome office	=
	(5)	Fire Chief - Monarch or Deputy	home office home office	$\equiv$
	(6)	Public Works Officer or deputy	home office home office	=
	(7)	Radiological Officer or deputy	home office home office	
	(8)	Deputy EMC	home office	_
		e key staff report to EOC.	(time)	
3.	Verify t	that the following have been	n notified:	
			Telephone	Time
	a. Poli	ce Department	All the state of t	
	b. Fire	Department Amity	(Section 1)	
	c. Fire	Department - Monarch		
	d. Veri	fication Message:		
	been	s is (name) . notified that a 'Site Emer	I would like to verify that rgency' has been declared at	you have the
4.	Report t	o and activate the local En	mergency Operations Center	
	a. Acti	vated		
	b. Coun	(time) ty Municipal Liaison notifi	ied of EOC activation (376-49)	59).
	-	(time)		
	c. Comm	unications system checked t		
			(time)	

	u.	Establish EUC security.			
	e.	Monitor EBS station WHU	(time) M 1240 AM.		
			(time	e)	
	1.	Ensure Route Alert Team	s have been mobilized	d as necessary.	
		(time)			
	9.	If the public alert sys impaired.	tem has been activate	ed, notify hearing	
	h.	(time) In the event of a siren that appropriate route	failure, receive intalert have been dispa	formation from the	County
				(time)	
5.	Hav ope	e additional emergency peration), or where needed.	ersonnel report to th	ne EUC (for 24-hour	
				Telephone	Time
	a.	name		home	
		riaile		office	
	b.	03/00		home	
		name		office	
	с.	0200		home	
		name		office	
	d.	Messaye:			
6.	Ensi	"This is (name) declared at the Limerick our Radiological Emeryen Township Building."  ure that appropriate EOC	cy Response Plan. P	and we are activat lease report to th	iny e
	work	kers on standby status.	(time)		3-11-3
7.	Veri	ify that the following ha	ve been notified:		
				Telephone	Time
	a.	Schools		rerephone	Time
		(1) Daniel Boone School District	Joseph Minella Superintendent	nome office	
		(2) Amity Elementary Center	Ralph Baynato 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.	Veri	fication Message:		
		been	s is (name) notified that an in been declared at the	ncident classificati	e to verify that you have on of 'Site Emergency' og Station."
8.	Not	ify t	he following:		
	a.	Spec	ial Facilities		Telephone Time
		(1)	St. Paul's Christian Preschool	Carol Keane	home office
		(2)	Hickory Dickory Doo	ck Marie Nace	(unlisted)
	b.	Mess	age:		a single of the
		of '	s is (name/t Site Emergency' has ion." (Provide appr	been declared at th	incident classification e Limerick Generating s as necessary.)
9.	Ver	ify R	esource Availability	<i>(</i> :	
	inv	entor	ppropriate EOC staffies and have reported the County Municipal	ed deficiencies to v	
10.	Ens	ure R	adiological Officer	has distributed dos	(time) imeters/KI to emergency
11.	to/	er ac	oad conditions with tivity which would h	ninder movement of p nat the Transportati	ere is no construction or ersonnel or vehicles on Officer and the County s.
12.	Ens	ure K icipa	ACES operator contact	ts the County RACES	(time) base upon arrival at
13.	Rev	iew r	emaining emergency	procedures in the ev	ent of escalation.
14.	Mai	ntain alati	Site Emergency stat on, or reduction of	us until notified o	f termination,
	a.	Date	:		

	b.	Time	e:				
	c.	Sour	ce: _				
	d.	Disp	osit	ion:			
		(1)	Teri	nination			
		(5)	Esca	alation			
		(3)	Redu	uction			
15.					propriate Implement classification, not		
	a.	Veri	ficat	ion:			
						Telephone	Time
		(1)	Poli	ce Department			
		(2)	Fire	Department Ami	ty		
		(3)	Fire	Department - M	onarch	-	
		(4)	Scho	ools			
			(a)		Joseph Minella t Superintendent	nome office	
			(0)	Amity Elem. Center	Ralph Baynato Principal	home office	
		(5)	Majo	r Industries			
			(a)	Kiwi Corp.	George Barrett Plant Engineer	office .	
					Phillip R. Metzler Personnel Director	office.	
			(D)	American Crane & Hoist, Inc.	Pat Ulock General Manayer Odevar Norhein	office home	
					Vice President	office	
			(c)	Precision Technology	Donald S. Volk	office .	
		(6)	Veri	fication Message	e:		
			been	notified that t	ne) . I would the emergency at the rminated/reduced to	Limerick Generat	ou have

### b. Notification

1) E	lec	ted Officials		Telephone	Time
(	a)	Georye Graefe, o	Jr.	home	
(	D)	William E. Legra	andye, Jr.	home	
(	c)	Jacob S. Oxenfor	rd	home	
(	d)	Walter J. Alphir	1	home	
(	e)	Myron S. Wheeler		home office	
2) S	pec	ial Facilities			
(	a)	St. Paul's Christian Preschool	Carol Keans	home	
(1	b)	Hickory Dickory Dock	Marie Nace	nome (untisted) office	
3) Me	essa	age:			
		s is(nam rick Generating S	ne/title) tation has b	. The emergency a peen terminated/reduced	t the

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.	Doc	umen	t:		
	a.	Dat	e:		
	b.	Tim	e:		
	c.	Sou	rce:		
	d.	Deta	ails:		
2.	Not	ify:			
	a.	Elec	cted Officials	Telephone	Time
		(1)	George Graefe, Jr. President	home	
		(2)	William E. Leyrandge, Jr.	nome	
		(3)	Jacob S. Oxenford	home	
		(4)	Walter J. Alphin	home	
		(5)	Myron S. Wheeler	home	
	b.	Key	Staff		
		(1)	Police Services Officer or deputy	home office office	$\equiv$
		(2)	Fire Chief - Amity or deputy	home office nome office	

	(3)	Communications Officer or deputy	nome office nome	
	(4)	Transportation Officer or deputy	office home home home	
	(5)	Fire Chief - Monarch or Deputy	nome office home office office	_
	(6)	Public Works Officer or deputy	home office home	
	(7)	Radiological Officer or deputy	home office home	
	(8) Have	Deputy EMC key staff report to EOC.	home office	-
3.	Verify t	hat the following have been n	(time) otified:	
			Telephone Time	
	a. Poli	ce Department		
	b. Fire	Department Amity		
	c. Fire	Department - Monarch		
	d. Veri	fication Messaye:		
	"This been Limes	notified that a 'General Eme	would like to verify that you have rgency' has been declared at the recommended protective action is	2
4.	Report to	o and activate the local Emer	yency Operations Center.	
	a. Activ	vated(time)		

b.	Cou	nty Municipal Liaison	n notified of EUC act	civation .
c.	Com	(time) munications system ch	necked for operabilit	
d.	Est	ablish EUC security.	(time)	(time)
e.	Mon	itor EBS station WHUM	1 1240 AM.	
f.	Ens	ure Route Alert Teams	(time have been mobilized	as necessary.
-		(time)		
the	EOC	, where needed, or to	nergency response per pre-assigned locati	
				(time)
Ver	1fy 1	that the following ha	ve been notified:	
a.	Scho	pols		Telephone Time
	(1)	Daniel Boone School District	Joseph Minella Superintendent	home office
	(2)	Amity Elementary Center	Ralph Baynato Principal	home office
b.	Majo	or Industries		
	(1)	Kiwi Corporation	Georye Barrett Plant Enyineer	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.	Veri	fication Message:		
	been	s is(name) notified that a 'Ger rick Generating State	neral Emergency' has	to verify that you have been declared at the protective action is

					Telephone Time
	a.	Spec	cial Facilities		rerephone time
		(1)	St. Paul's Christian Preschool	Carol Keane	home office
		(2)	Hickory Dickory Doc	k Marie Nace	(unlisted)
	b.	Mess	sage:		
		been	is is <u>(name/t</u> n declared at the Lime tective action is	itle) . A erick Generating	'General Emergency' has Station. The recommended ."
		Note	e: If a protective active them to tune to the		been determined, instruct
8.	Ver	ify R	Resource Availability:		
	inv	entor	appropriate EUC staff ries and have reported the County Municipal	deficiencies to	you. Report all unmet
9.	Ens	ure R kers	and EUC staff.	nas distributed do	(time) osimeters/KI to emeryency
10.	to/	er ac from	oad conditions with E tivity which would hi	OC staff, i.e., to inder movement of at the Transportat	there is no construction or personnel or vehicles ion Officer and the County eas.
11.	Fac		ACEC		(time)
11.	Mun	icipa	1 EUC. (time)	s the County RACE	S base upon arrival at
12.	If:	shelt	ering is recommended:		
	a.	When impa	public alert system ired. (time)	has been activate	ed, notify hearing
	ь.	Moni the		(time)	ructions are being given to
	с.	In the	he event of a siren f ty that appropriate R	ailure, receive n	otification from the have been dispatched.
			(time)		
	d.	Ensui	re Access Control Poi	nts have been man	
					(time)

7. Notify the following:

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.
d.	Ensure Access Control Points have been manned. (time)
e.	Ensure Traffic Control Points have been manned. (time)  (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.
y.	(time)  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)
Mair	ntain General Emergency status until:
a.	Reduction of classification.
b.	Termination of emergency. (time)
c.	EOC must be evacuated. (time)
	a.  b.  c.  d.  e.  f.  Mair  a.  b.

14.

15.	If reduction of classification or termination of emergency, notify/ verify the following:						
	a.	Veri	ficat	ion:			
						Telephone	Time
		(1)	Poli	ce Department		Sec.	
		(2)	Fire	Department Ami	ty	A STATE OF THE STA	
		(3)	Fire	Department - M	onarch	The said	
		(4)	Scho	ols			
			(a)	Daniel Boone School Distric	Joseph Minella t Superintendent	home office	
			(b)	Amity Elem. Center	Ralph Bagnato Principal	home office	
		(5)	Majo	r Industries			
			(a)	Kiwi Corp.	George Barrett Plant Engineer	office	
					Phillip R. Metzler Personnel Director	office	
			(b)	The state of the s	Pat Olock General Manager	office	
					Odevar Nornein Vice President	home office	
			(c)	Precision Technology	Donald S. Volk	office	
		(6)	Veri	fication Messag	e:		
			been	notified that	ne) . I would the emergency at the rminated/reduced to	Limerick Generat	ou have
	b.	Noti	ficat	ion			
		(1)					
			(a)	George Graefe, President	Jr.	home office	
			(b)	William E. Ley	randye, Jr.	nome office	
			(c)	Jacob S. Oxenfo	ord	home Toffice	

	(d)	Walter J. Alphi	n <u>-</u>	nome office
	(e)	Myron S. Wheeler	3	home
(2)	Speci	al Facilities		
	(a)	St. Paul's Christian Preschool	Carol Keane	home office
	(b)	Hickory Dickory Dock	Marie Nace	nome (unlisted)
(3)	Mess	age:		
		rick Generating S	me/title) tation has been Provide instruc	. The emergency at the terminated/reduced to tions as appropriate.

- Maintain General Emergency status until notified of termination or reduction of classification.
- 17. Remarks/Actions Taken:

#### ANNEX B

#### Implementing Procedure

#### Police Services

Police Services Officer: Maurice Eschbach
Alternate: Ufficer-Un-Duty

#### UNUSUAL EVENT

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

#### ALERT

2.

The Police Services Officer shall:

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

Review remaining emergency procedures in the event of escalation.

- Maintain Alert status until notified of termination, escalation or 3. reduction of classification.
- 4. 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.

- Review personnel/equipment inventory (reference Appendix B-1), verify availability, and report unmet needs to Municipal EMC.
- 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).
- If termination, have police personnel return dosimeters and unused KI to the Radiological Officer.

(time)

4. Remarks/Actions Taken

B-2

### Police Services

# GENERAL EMERGENCY

The Police Services Officer shall:

1.	If this is the first notification received or if escalation from Unusua Event, then:	1
	a. Report to the EUC	
	Mobilize additional police personnel and have them report to police station (reference Appendix B-1).	
	(time)  Review personnel/equipment inventory (reference Appendix B-1), veri availability, and report unmet needs to Municipal EMC.	fy
	(time)  1. Ensure police emergency workers have been issued dosimeters-KI.	
	(time)  Proceed to Step 2.	
2.	f escalation from Alert or Site Emergency, or if proceeding from Step I	1,
	. If recommended protective action is sheltering,	
	<ol> <li>If requested, have Police Department personnel assist Fire Department with route alerting (reference Fire Services Implementing Procedure).</li> </ol>	
	(time)  (Initiate increased security measures, i.e., increase vehicular patrols conditions permitting and, if applicable, man Access Control Points (reference Appendix B-2).	
	(3) Ensure Access Control Points are manned (reference Appendix B-2	2)
	. If recommended protective action is <u>evacuation</u> ,	
	(1) Ensure Traffic Control Points are manned (reference Appendix 8-2).	
	(2) Ensure Access Control Points are manned (reference Appendix B-2).	
	(time)  f termination, have police personnel return dosimeters and unused KI to ne Radiological Officer.	
	emarks/Actions Taken: (time)	

# TRAFFIC CONTROL POINTS

Post Number	Location	Responsible Police Organization	# Officers Assigned
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	i
A-7	Old Airport Road & Route 662	Township	i

<sup>\*</sup>Also Access Control Point

# ACCESS CONTROL POINTS

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

#### ANNEX C

### Implementing Procedure

#### Fire Services

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

#### 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)

- If required, ensure mobilization of sufficient personnel to meet Route Alert Team requirements. (reference Appendix C-2).
- 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:

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

# 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)
	<ul> <li>Ensure mobilization of sufficient personnel to meet Route Alert Team requirements. (reference Appendix C-2).</li> </ul>
	c. Mobilize additional fire personnel and have them report to fire station (reference Appendix C-1).
	d. Ensure Fire Department emergency workers have been issued dosimeters/KI.
	<ul> <li>(time)</li> <li>e. Review personnel/equipment inventory (reference Appendix C-1), verifiavailability, and report unmet needs to Municipal EMC.</li> </ul>
	f. Proceed to Step 2.
2.	If escalation from Alert or Site Emergency, or if proceeding from Step 1 tnen:
	a. Monitor route alerting, if required. (time)
3.	If termination, have fire personnel return dosimeters and unused KI to Radiological Officer. (time)
1	Company of Assistance Telesco

#### 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. PURPUSE

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. PRUCEDURES

- 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 rout alerting has taken place during a contaminating incident, proceed to the designated emergency worker/decontamination station.

# ROUTE ALERT TEAMS

Sector No. 1 Alert Team: Amity Fire Department
Leader:
Assistant:
Transient Location(s):
Hearing Impaired: List will be on file in the EOC.
Sector No. 2 Alert Team: Amity 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 EUC.
Sector No. 4 Alert Team: Monarch Fire Department
Leader:
Assistant:
Transient Location(s):
Hearing Impaired: List will be on file in the EUC.

### ANNEX D

# Implementing Procedure

### Communications\*

	Communications Officer: Matthew Beckett
	Alternate: (name)
NUSI	UAL EVENT
o re	esponse required.
LER	
ne (	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.
	Post pertinent information on status board. (time)
4.	Update the list of those individuals requiring special assistance in the event of evacuation (reference Appendix U-2).
	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.
5.	(time) Review equipment inventory (reference Annex D-1), verify availability, and report unmet needs to Municipal EMC.
6.	(time) 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.

# SITE EMERGENCY

The Communications Officer shall:

1.	If this is the first notification received or if escalation from Unusua Event, Then:
	a. Report to the EUC.
	(time) b. Verify the County has assigned a RACES unit to the EUC. (time)
	c. Loy 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.
	e. Update the list of those individuals requiring special assistance in the event of evacuation (reference Appendix D-2).
	(1) Notify Municipal EMC of changes in the list of those individual requiring ambulance support.  (time)
	(2) Notify Municipal Transportation Officer of changes in the list those individuals requiring special transportation support othe than ambulance.
	f. Ensure communications emergency workers have been issued dosimeters/KI.
	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.
	<ul> <li>Maintain Site Emergency status until notified of termination, escalation or reduction of classification.</li> </ul>
3.	If termination, return dosimeters and unused KI to the Radiological Officer.
4.	(time) 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
	b. Verify the County has assigned a RACES unit to the EUC. (time)
	c. Loy 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.
	e. Update the list of those individuals requiring special assistance in the event of evacuation (reference Appendix D-2).
	(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.
	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 <u>evacuation</u> , ensure that population requiring ambulance transportation is served.
3.	If termination, return dosimeters and unused KI to Radiological Officer.
4.	(time) Remarks/Actions Taken:

## Transportation

## GENERAL EMERGENCY

The T	rans	sportation Officer shall:
1.		this is the first notification received or if escalation from Unusual ent, 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)
	с.	Contact the Communications Officer to obtain a list of those individuals who require specialized transportation (other than ambulances).
	d.	Proceed to Step 2.
2.	If the	escalation from Alert or Site Emeryency, or if proceeding from Step 1,
	a.	If recommended protective action is <u>sheltering</u> , no further action is required.
	b.	If recommended protective action is <u>evacuation</u> , 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).
		(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.
		(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.
	с.	Prepare a list of names and addresses of persons to be picked up for each vehicle including ambulances.
	d.	(time) 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

<sup>\*</sup>A pick-up point can be established at Reyner's IGA to accommodate Amity Gardens.

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

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

(time)

4. Remarks/Actions Taken:

## Implementiny Procedure

## Emeryency Management Coordinator

LERT	_				
1.	Doc	umen	t:		
	a.	Dat	e:		
	b.	Tim	e:		
	c.	Sou	rce:		
	d.	Det	ails:		
2.	Not	ify:			
	a.	Ele	cted Officials	Telephone	Time
		(1)	Leonard Genringer	home	
		(2)	Harvey Miller	home	
		(3)	Herbert Reeves	home	
	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	e key staff report to EOC	(time)	

3. Verify that the following have been notified:

is is <u>(name &amp; title)</u> . I would like a notified that an incident classificated ared at the Limerick Generating Static to and activate local Emergency Operation of the Municipal Liaison Officer notified (time) (time)  Ex communications systems for operability ablish EUC security.  It is too EBS station WHUM 1240 AM.  (time)  It is too EBS station WHUM 1240 AM.  (time)	on of 'Alert' has been on."  ions Center (EOC).  of EOC activation  ity. (time)
is is <u>(name &amp; title)</u> . I would like a notified that an incident classificated lared at the Limerick Generating Static to and activate local Emergency Operations of the Municipal Liaison Officer notified (time) (	on of 'Alert' has been on."  ions Center (EOC).  of EOC activation  ity. (time)
is is	on of 'Alert' has been on."  ions Center (EOC).  of EOC activation  ity. (time)
n notified that an incident classificate lared at the Limerick Generating Static to and activate local Emergency Operations (time)	on of 'Alert' has been on."  ions Center (EOC).  of EOC activation  ity. (time)
(time)  nty Municipal Liaison Officer notified (5-4959).  (time)  ck communications systems for operability (time)  itor EBS station WHUM 1240 AM.  (time)	of EUC activation ity(time)
(time) nty Municipal Liaison Officer notified 5-4959).  (time) ntk communications systems for operability ablish EUC security.  (time) itor EBS station WHUM 1240 AM.	(time)
ty Municipal Liaison Officer notified (5-4959).  (time)  (k communications systems for operability (time)  (time)  (time)  (time)  (time)  (time)	(time)
ablish EUC security.  (time) itor EBS station WHUM 1240 AM.  (time)	(time)
itor EBS station WHUM 1240 AM. (time)	ne)
itor EBS station WHUM 1240 AM. (time)	
(tim	
ure Route Alert Teams have been mobiliz	ted as necessary.
oublic alert system has been activated,	, notify hearing impaired
time) the event of a siren failure receive no t appropriate route alert teams have be	een dispatched.
ify the County has assigned a RACES uni	it to the Township EUC.
(time) all incoming messages that provide into ponse. Post pertinent information on s	
the following:	
	Telephone Time
rial Facilities	
ridi raciilicies	office
į	Grandview Speedway

		Note	: This is provided for inform are normally required.	mational purposes only. No	actions		
6.	Ens	ure R nship	ACES operator contacts the Cou EOC. (time)	nty RACES base upon arrive	al at		
7.	Rev	iew r	remaining emergency procedures	in the event of escalation	1.		
8.	Rep	ort a	11 unmet needs to the County M	unicipal Liaison Officer.			
	-	time)					
9.	Mai	ntain	Alert status until notified on of classification:	f termination, escalation	or		
	a.	Date					
	b.	Time					
	c.	Sour	ce:				
	d.	Disp	osition				
		(1)	Termination				
		(2)	Escalation				
		(3)	Reduction				
10.	If escalation, accomplish appropriate Implementing Procedure. If termination or reduction of classification, verify/notify the following:						
	Α.	Veri	fication				
				Telephone	Time		
		(1)	Barto Fire Department				
		(2)	Bally Ambulance	STATE OF THE PARTY			
		(3)	Verification Message:				
			"This is (name/title) you have been notified that t Generating Station has been t Event."		ick		
	в.	Noti	fication				
		(1)	Elected Officials	Telephone	Time		
			(a) Leonard Gehringer	home			

- (2) Special Facilities
  - (a) Grandview Speedway

	office	
1		

(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:

D	ocumen	t:		
a	. Dat	e:		
b	. Tim	e:		
c	. Sou	rce:		
d	. Det	ails:		
N	otify:			
a	. Ele	cted Officials	Telephone	Time
	(1)	Leonard Genringer	nome	
	(2)	Harvey Miller	home	
	(3)	Herbert Reeves	home office	
b	. Key	Staff		
	(1)	Deputy Coordinator Donna Reeves	home	_
	(2)	Fire Services Officer Russ Gehman or Ernie Gehman	home office home office	
	(3)	Transportation Officer Sandra Moser or Bill Gross	home office home	=

3. Verify that the following have been notified:

		Telephone	Time
a.	Barto Fire Department		
b.	Bally Ambulance		
c.	Verification Message:		
	"This is <u>(name/title)</u> . I we have been notified that a 'Site EmergLimerick Generating Station."	ould like to verify that gency' has been declared	you at the
Rep	ort to and activate the local Emergence	cy Operations Center	
a.			
b.	County Municipal Liaison Officer not (376-4959).	ified of EUC activation	
с.	( /		
d.		(time)	
e.			
f.	Ensure Route Alert Teams have been mo		
g.	impaired.	activated, notify hearin	Ą
h.	In the event of a siren failure recei		
i.	Verify the County has assigned a RACE	S unit to the Township	(time) EOC.
j.	(time) Loy all incoming messages that provide response. Post pertinent information	de information or requir or status board.	e a
		t to the EUC (for 24-ho	ur
	kers on standby status.	aced their respective e	mergency
Not		Tolonor	71.00
a.	Special Facilities	rerepnone	Time
	(1) Grandview Speedway	office	
	b. c. Rep a. b. c. d. e. f. j. Havope Enswor	"This is have been notified that a 'Site Emery Limerick Generating Station."  Report to and activate the local Emergence a. Activated (time)  b. County Municipal Liaison Officer notices (376-4959).  c. Communications systems checked for og d. Establish EOC security.  e. Monitor EBS station WHUM 1240 AM.  f. Ensure Route Alert Teams have been money impaired.  (time)  g. If the public alert system has been a simpaired.  (time)  h. In the event of a siren failure receive that appropriate route alert teams have invested that appropriate route alert teams have been money and the simpaired of the county has assigned a RACE (time)  j. Log all incoming messages that provide response. Post pertinent information thave additional emergency personnel report operation), or where needed.  (time)  Ensure that appropriate EOC staff have players on standby status.  (time)  Notify the following:  a. Special Facilities	a. Barto Fire Department b. Bally Ambulance c. Verification Message:  "This is (name/title) . I would like to verify that have been notified that a 'Site Emergency' has been declared Limerick Generating Station."  Report to and activate the local Emergency Operations Center a. Activated (time) b. County Municipal Liaison Officer notified of EUC activation (376-4959). (time) c. Communications systems checked 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 the public alert system has been activated, notify hearin impaired. (time) h. In the event of a siren failure receive notification from the that appropriate route alert teams have been dispatched. i. Verify the County has assigned a RACES unit to the Township  (time) j. Loy all incoming messayes that provide information or require response. Post pertinent information or status board.  Have additional emergency personnel report to the EUC (for 24-hooperation), or where needed. (time)  Ensure that appropriate EUC staff have placed their respective emorkers on standby status. (time)  Ensure that appropriate EUC staff have placed their respective emorkers on standby status. (time)  Ensure that appropriate EUC staff have placed their respective emorkers on standby status. (time)

3. Verify that the following have been notified:

	b. Message:					
	"This is (name/title) of 'Site Emeryency' has been decl Station." (Provide appropriate i	. An incident classification ared at the Limerick Generating nstructions as necessary.)				
8.	Verify Resource Availability:					
	Ensure appropriate EUC staff have revinventories and have reported deficie	iewed their respective resource ncies to you. (time)				
9.	Ensure Fire Services Officer has dist workers. (time)					
10.		ement of personnel or vehicles to/				
	are aware of any problem areas.					
11.	Ensure RACES operator contacts the Co Township EUC. (time)	time) unty RACES base upon arrival at				
12.	Review remaining emergency procedures in the event of escalation.					
13.	Report all unmet needs to the County Municipal Liaison Officer.					
14.	(time) Maintain Site Emergency status until escalation, or reduction of classific	notified of termination, ation:				
	a. Date:					
	b. Time:					
	c. Source:					
	d. Disposition:					
	(1) Termination					
	(2) Escalation					
	(3) Reduction					
15.	If escalation, accomplish appropriate termination or reduction of classific	Implementing Procedure. If ation, notify/verify the following:				
	a. Verification:					
		Telephone Time				
	(1) Barto Fire Department					
	(2) Bally Ambulance	The same				

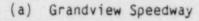
(3)	Veri	fication	Messaue:
121	1011	1 10001011	incasuge.

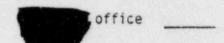
"This is <u>(name/title)</u>. I would like to verify you have been notified that the emergency at the Limerick Generating Station has been terminated/reduced to

#### b. Notification

(1)	Elec	ted Officials	TeTepho	ne	rime
	(a)	Leonard Gehringer		home office	
	(b)	Harvey Miller	40	home office	
	(c)	Herbert Reeves		home	

### (2) Special Facilities





## (3) Message:

"This is <u>(name/title)</u>. 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:

	Doc	unen	t:		
	a.	Vat	e:		
	b.	Tim	e:		
	c.	Sou	rce:		
	d.	Det	ails:		
	Not	ify:			
	a.	Ele	cted Officials	Telephone	Time
		(1)	Leonard Genringer	home	
		(2)	Harvey Miller	home	
		(3)	Herbert Reeves	home	
t	b.	Key	Staff		
		(1)	Deputy Coordinator Donna Reeves	home office	
		(2)	Fire Services Officer Russ Gehman or Ernie Gehman	nome office nome office	
		(3)	Transportation Ufficer Sandra Moser or Bill Gross	home office home office	

	Have key staff report to EOC. (time)		
3.	Verify that the following have been notified	ed:	
		Telephone	Time
	a. Barto Fire Department		
	b. Bally Ambulance		
	c. Verification Message:		
	"This is (name/title) . I you have been notified that a 'General at the Limerick Generating Station. The action is"	would like to ver Emergency' has been e recommended prot	rify that en declared ective
4.	Report to and activate the local Emeryency	Operations Center.	
	a. Activated		
	time)  D. County Municipal Liaison Officer notifi (376-4959).	ed of EUC activati	on
	c. Communications systems checked for oper		
	d. Establish EUC security.	(ti	me)
	e. Monitor EBS station WHUM 1240 AM.		
	f. Ensure Route Alert Teams have been mobi	time) lized as necessary	
	g. Verify the County has assigned a RACES	unit to the Townsh	ip EUC.
	h. Loy all incoming messages that provide response. Post pertinent information of	information or req n status board.	uire a
5.	Ensure that all necessary emergency responsitive EUC, where needed, or to pre-assigned leading to the EUC.	ocation.	
	Notify the following:	(tim	e)
	Telepho	ne Time	
	a. Special Facilities		
	(1) Grandview Speedway	ffice	

	"This is (name/title) . A 'General Emergency' has been declared at the Limerick Generating Station. The recommended protective action 's ."
	Note: If a protective action has not yet been determined, instruct them to tune to the EBS station.
7.	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 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.
11.	(time)  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)
2.	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)
	(cime)

b. Message:

	٠.	£113	(time)
	e.	Ens	ure Traffic Control Points have been manned.
	f.	sup be	(time)  ign sufficient emergency workers to Transportation Officer to  port transportation resources, i.e., one emergency worker shoul  available for each vehicle used to evacuate those persons who d  have transportation.
	y.	Adv	(time) ise County Municipal Liaison Officer of any additional unmet ds. (time)
		(1)	
		(2)	
		(3)	
	h.	Mon	itor evacuation process and report any problem areas to the maty Municipal Liaison Officer. (time)
		(1)	
		(2)	
		(3)	
3.			General Emergency status until:
	a.	Redu	ction of classification. (time)
	D.	Term	ination of emergency.
4.	If not	reductify/v	(time) tion of classification or termination of emergency, erify the following:
	a.	Veri	fication:
			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

	(1)	Elected Officials	Terephone Th	iie.
		(a) Leonard Genrinyer	home office	_
		(D) Harvey Miller	home Toffice	
		(c) Herbert Reeves	home	
	(2)	Special Facilities		
		(a) Grandview Speedway	office	
	(3)	Message:		
		Limerick Generating Station has b	. The emergency at een terminated/reduced to tructions as appropriate.	the
15.	Remarks/	Actions Taken:		

### ANNEX B

### Implementing Procedure

### Fire Services\*

Fire Services Officer:

Russ Gehman

Alternate:

te: Ernie Genman

### 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 EUC.

  (time)
- If required, ensure mobilization of sufficient personnel to meet Route Alert Team requirements (reference Appendix 8-2).
- 3. Upon delivery from County EOC, inventory dosimeters/KI and prepare for distribution; complete a Receipt Form for Dosimetry-Survey Meters-KI (reference Appendix 8-6).
- 4. Review remaining emergency procedures in the event of escalation.
- Maintain Alert status until notified of termination, escalation or reduction of classification.
- 6. Remarks/Actions Taken:

<sup>\*</sup> 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 8-2).
	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).
	d. Proceed to Step 2. (time)
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).
	b. Distribute dosimeters/KI to municipal emergency workers and EUC staff; (reference Appendix B-5) obtain a signed receipt (reference Appendix B-7).
	c. Ensure Fire Department emergency workers have been issued dosimeters/KI.
	d. Review fire personnel/equipment inventory (reference Appendix B-1), verify availability, and report unmet needs to your coordinator.
	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 EUC.
4.	Remarks/Actions Taken: (time)

## Fire Services

## GENERAL EMERGENCY

The Fire Services Officer shall:

a.	Report to the EOC.
a .	(time)
b.	Ensure mobilization of sufficient personnel to meet Route Alert Tearequirements (reference Appendix B-2).
с.	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).
d.	Distribute dosimeters/KI to municipal emergency workers and EUC staff (reference Appendix 8-5) obtain a signed receipt (reference Appendix 8-7).
e.	(time)  Mobilize additional fire personnel and have them report to fire station (reference Appendix B-1).
	(time)
	Ensure Fire Department emergency workers have been issued dosimeters/KI.  (time)
9.	Review fire personnel/equipment inventory (reference Appendix B-1), verify availability, and report unmet needs to your coordinator.
h.	(time) Proceed to Step 2.
If Ste	escalation from Alert or Site Emeryency, or if proceeding from p 1, then:
a.	Monitor route alerting, if required.
٥.	Ensure Traffic Control Points are manned (reference Appendix B-3).
с.	(time) Ensure Access Control Points are manned (reference Appendix 8-3).
d.	(time) Maintain General Emergency status until notified of termination or reduction of classification.
Upo	n termination of emergency, collect dosimeters/KI from emergency kers, inventory, and prepare for return to County EOC.

### ANNEX C

### Implementing Procedure

### Transportation Services\*

Transportation Ufficer:	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.
- 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)
- 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 '	Trans	portation	n Officer	shall:
-------	-------	-----------	-----------	--------

ne i	ransportation officer shalf.
1.	If this is the first notification received or if escalation from Unusua 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).
	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.
	d. Review remaining emergency procedures in the event of escalation.
	<ul> <li>Maintain Site Emergency status until notified of termination, escalation or reduction of classification.</li> </ul>
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 T	ransport	ation	Officer	shall:
-------	----------	-------	---------	--------

1.		this is the first notification received or if escalation from Unusual nt, 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.
	c.	Mobilize additional medical/ambulance personnel and have them report to ambulance base (reference Appendix C-1).
	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.
	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)
	y.	Review ambulance personnel/equipment inventory (reference Appendix C-1), verify availability, and report unmet needs to your coordinator.
	h.	Proceed to Step 2.
2.	If Ste	escalation from Alert or Site Emergency, or if proceeding from p 1, then:
	a.	If recommended protective action is <u>sheltering</u> , no further action is required.
	b.	If recommended protective action is <u>evacuation</u> , 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.
- (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 pickedup for each vehicle including ambulances.
- (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 evacuted by ambulance shall be evacuated to St. Joseph Hospital Reading, PA. Emergency workers need not accompany vehicles to reception facilities.
- (9) Maintain General Emergency status until notified of termination or reduction of classification.

(time)

- 3. If termination, have ambulance/public works personnel return dosimeters and unused KI to the Fire Services Officer.
- 4. Remarks/Actions Taken:

# TRANSPORTATION RESOURCE REQUIREMENTS

Vehicles Required	Vehicles Available	Unmet Needs	
1 Bus	0 Bus	1 Bus	
1 Ambulance	2 Ambulances	O Ambulances	

UPPER UWCHLAN TOWNSHIP

CHESTER COUNTY

RADIOLOGICAL EMERGENCY RESPONSE PLAN

FOR INCIDENTS AT THE

LIMERICK GENERATING STATION

MAY 1984

Copy Number \_\_\_\_

Oraft 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 REXP 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 O).
- (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:
  - 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

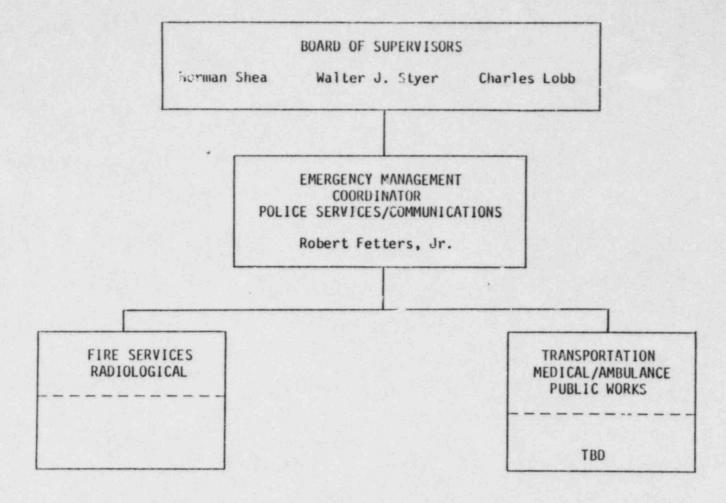
- a. The Upper Uwchlan Township Emergency Management Coordinator (EMC) will receive notification from Chester County DES. The EMC in turn, notifies municipal officials and key staff personnel.
- b. The EMC and key staff will report to the Municipal EOC. Security measures will be implemented to restrict 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 EJC.
- 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.
- 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. Pnone:
	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	(Name) TBD	Home Phone:
			Bus. Phone:
4.	Transportation		Home Phone:
	Officer		Bus. Phone:
	Deputy	(Name) TBD	Home Phone:
			Bus. Phone:

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

UPPER UWCHLAN TOWNSHIP FMERGENCY ORGANIZATIONAL CHART



CHESTER COUNTY

RADIOLOGICAL EMERGENCY RESPONSE PLAN

FOR INCIDENTS AT THE

LIMERICK GENERATING STATION

APRIL 1984

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:
  - 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 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 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.
- 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.

### Site Emergency

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

CHARLESTOWN TOWNSHIP

CHESTER COUNTY

RADIOLOGICAL EMERGENCY RESPONSE PLAN

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LIMERICK GENERATING STATION

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- 4. Emergency Operations Center (EUC)
  - 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 Emeryency 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 EUC 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 (EUC) 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 shuld go to a reception center located at the Stetson 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.
- (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 20k.
- \* 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:
  - 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 EUC, 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 Emeryency, 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 yeneral 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 EUC.

#### 3. EUC

The EOC shall not be relocated.

## H. Training

- The Chester County DES is responsible for coordinating radiological emergency response training as outlined in Annex R of the County RERP.
- 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 EJC.
- y. 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.
- 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.
- Additional emergency response personnel will be mobilized, including full EJC 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

CHESTER COUNTY

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FOR INCIDENTS AT THE

LIMERICK GENERATING STATION

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- \* one (1) CD V 730 or DCA-622 self-reading dosimeter having a scale of 0 to 20k.
- \* 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 Emeryency 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 EUC. Attachment M lists emergency worker dosimetry-KI resource requirements.
- c. Distribution of the dosimeters and KI is as follows:
  - 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 EJC. 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 amergency. 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 E3S station WCOJ 1420 AM will be monitored.
- k. Review municipal and County Radiological Emergency Response Plans.
- 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.

# Site Emeryency

- a. Same actions as Alert.
- 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

APRIL 1984

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## IMPLEMENTING PROCEDURES

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# Implementing Procedure

# Emergency Management Coordinator

1.	Doc	cument:		
	a.	Date:		
	b.	Time:		
	c.	Source:		
	d.	Details:		
2.	Not	ify:		
	a.	Elected Officials	Telephone	Time
		Nicholas Tkaczuk	home	
		C. Ray Loomis	home	
		T. Kenneth Emery	home	
	b.	Key Staff		
		Deputy Coordinator Ann Perry	home office	
		Communications Officer Harry Burnett or	home office	
		Deputy	home	
		Radiological Officer Jane Raser or	home office	
		Deputy	home office	_
		Have key staff report to EUC.	(time)	

a.	Activated
b.	County Muncipal 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.
g.	(time)  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.
í.	(time) Loy all incoming messages that provide information or require a response. Post pertinent data on status board.
Not	ify the following:
	Telephone Time
a.	Special Facilities
	Camphill School  1st Bernard Wolf, Program Coordinator home ffice
	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.
	with the county ARES base upon arrival at the county EUC. (time)
	port all unmet needs to the Municipal Liaison Officer ( 431-
	view remaining emergency procedures in the event of escalation. (time)
Ma	intain Alert status until notified of termination, escalation or

5.

6.

7.

8.

	b.	Time:		
	c.	Source:		
	d.	Disposition		
		(1) Termination		
		(2) Escalation		
		(3) Reduction		
9.	If ter	escalation, accomplish appropriate mination or reduction of classific	Implementing Procedures. If ation, notify the following:	
			Telephone	Time
	a.	Elected Officials		
		Nicholas Tkaczuk	home office	
		C. Ray Loomis	home	
		T. Kenneth Emery	nome office	
	a.	Special Facilities		
		Camphill School 1st Bernard Wolf, Program C	oordinator nome	
		2nd Nick Stanton, Administr Cottage	ator	
	c.	Message:		
		"This is <u>(name/title)</u> Limerick Generating Station has b Event."		isual
10	Dan	marks/Actions Taken:		

## Implementing Procedure

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

		Public Works Officer C. Ray Loomis	nome office	
		or	noine	
		Deputy	office	
		Have key staff report to EOC.		
3.	Rep	port to and activate the local Emergency Ope	rations Center	
		Activated		
		(time)		
1	b.	County Municipal Liaison Officer notified 6160)	of EUC activation	.(431-
	c.	Communications system checked for operabil	ity	
	d.	Establish EUC security. (time)		
	ρ.	Monitor EBS station WCUJ 1420 AM.		
		(ti	me)	
	f.	Ensure Route Alert Teams have been mobiliz	ed as necessary.	
		(time)		
1	9.	If the public alert system has been activa impaired. (time)	ted, notify heari	ny
1	n.	그리고 있는데 아니다. 그리고 있는데 하면 하면 내가 있는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하		
		(time)		
	i.	Log all incoming messages that provide inf response. Post pertinent data on status be		re a
4.	Hav	ve additional emergency personnel report to	the EOC (for 24-h	our
		eration), or where needed.		
5.		sure that appropriate EOC staff have placed rkers on standby status.	their respective	emergency
6.	Not	tify the following: (time)		
	110	crry che forforming.		
	a.	Special Facilities	Telephone	Time
		Camphill School 1st Bernard Wolf, Program Coordinato		
		2nd Nick Stanton, Administrator	offi	ce
		Cottage	1	
	b.	Message:		
		"This is (name/title) . An	incident classif	ication
		of 'Site Emergency' has been declared at the		

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.
8.	Ensure Public Works Officer has distributed dosimeters/KI to emeryency 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.
11.	Report all unmet needs to the County Municipal Liaison Officer (431-6160)
12.	(time) 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:
	a. Elected Officials Telephone Time
	Nicholas Tkaczuk
	C. Ray Loomishome

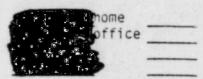
T.	Ken	neth	Emery
	14 611	116 611	Cuici J

nome	
office	

b. Special Facilities

Camphill School
1st Bernard Wolf, Program Coordinator

2nd Nick Stanton, Administrator Cottage



c. Message:

"This is	(name/	title)	. The	emer	yency	at	the
Limerick	Generating Sta	tion has been	termina	ited/	reduce	d t	0

15. Remarks/Actions 3ken:

## Implementing Procedure

## Emeryency 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.	Doc	ument:		
	a.	Date:		
	b.	Time:		
	c.	Source:		
	d.	Details:		
2.	Not	ify:		
	a.	Elected Ufficials	Telepnone	Time
		Nicholas Tkaczuk	home	
		C. Ray Loomis	home	_
		T. Kenneth Emery	home	
	b.	Key Staff		
		Deputy Coordinator Ann Perry	home	_
		Communications Officer Harry Burnett	nome	=
		Deputy	home	_
		Radiological Officer Jane Raser or	home	
		Deputy	nome office	

	Public Works Officer C. Ray Loomis office
	Or home Deputy Office
	Have key staff report to EUC. (time)
3.	Report to and activate the local Emergency Operations Center.
	a. Activated(time)
	D. County Municipal Liaison Officer notified of EUC activation. (431-6160) (time)
	c. Communications system checked for operability.
	d. Establish EOC security. (time)
	e. Monitor EBS station WCOJ 1420 AM.
	f. Ensure Route Alert Teams have been mobilized as necessary.
	HEREN IN 1882 HEREN H
	(time) y. 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:
	a. Special Facilities Telephone Time
	Camphill School  1st Bernard Wolf, Program Coordinator Office
	2nd Nick Stanton, Administrator Cottage
	b. Message:
	"This is (name/title) . A 'General Emeryency' 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.
7.	Verify Resource Availability: (time)
	Ensure appropriate EUC staff have reviewed their respective resource

	parts in the County EOC; for example, the Township Communications Officer contacts County Communications Officer.
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 EUC. (time)
11.	Report all unmet needs to the County Municipal Liaison Officer (431-6160).
12.	(time) 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.
	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.
	f. Advise County Municipal Liaison Officer of any additional unmet needs. (431-6160)
	(1)(time)
	(2)

		(3)		
	g.	Monitor evacuation process and County Municipal Liaison Office	er	areas to the
		(1)	(time)	
		(2)		
14.	Mai	intain General Emergency status	until:	
	a.	Reduction of classification.	(time)	
	υ.	Termination of emergency.		
	c.	EOC must be evacuated.	(time)	
15.		reduction of classification or lowing:	ime) termination of emerg	ency, notify the
	a.	Elected Officials	Telephon	e Time
		Nicholas Tkaczuk		nome
		C. Ray Loomis		home
		T. Kenneth Emery		nome
	a.	Special Facilities		
		Camphill School 1st Bernard Wolf, Progra	m Coordinator	nome office
		2nd Nick Stanton, Admini Cottage	strator	
	c.	Message:		
		Limerick Generating Station ha	. The emerye s been terminated/re- instructions as app	duced to
16.	If	the EOC must be evacuated:		

- a. If possible, wait until the municipality has been evacuated before leaving the EJC.
- b. Secure the facility and proceed to alternate EUC.

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

(time)

17. Remarks/Actions Taken:

9

#### ANNEX C

### Implementing Procedure

#### Public Works\*

Public	Works	Officer:	C. Ray L	oomis
	A	ternate:	(name	)

#### UNUSUAL EVENT

No response required.

#### ALERT

The Public Werks Officer small:

- 1. Upon request of the Emergency Management Coordinator, report to the EUC.
- Update the list of those individuals who do not normally have transportation available 24-hours a day (reference Appendix C-2).

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:

<sup>\*</sup>NOTE: This procedure has been modified to include Transportation Procedures.

#### Public Works

#### SITE EMERGENCY

The Public Works Officer shall:

- 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	Dunl	ic	Works	Offi	cor	chal	1 .
Ine	ruui	16	WUIKS	ULIL	CEL	SHOL	4.2

١.		this is the first notification received or if escalation from Unusualit, 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).
	c.	(time) Contact the Communication Officer to obtain a list of those individuals who require specialized transportation (other than ambulances).
	d.	(time) Monitor weather conditions.
		Proceed to Step 2. (time)
2.		escalation from Alert or Site Emergency, or if proceeding from 1, then:
	а.	If recommended protective action is $\underline{\text{sheltering}}$ , no further action is required.
	b.	If recommended protective action is <u>evacuation</u> , 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.
		(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.
	c.	(time) Prepare a list of names and addresses of persons to be pick-up for
		each vehicle including ambulances.
	d.	(time) Upon the arrival of vehicles at the municipal transportation staying

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 snall be evacuated to Pocopson Home, West Chester, PA.

(time)

e. Relocate to alternate EOC after population has departed.

(time)

3. Remarks/Actions Taken:

#### ANNEX U

#### Implementing Procedure

## Radiological

Public	Works	Officer:	Jane	Raser
	A	ternate:		

#### 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 EUC. (time)							
	<ul> <li>Inventory dosimeters/KI and prepare for distribution; complete a Receipt Form for Dosimetry-Survey Meters-KI. (reference Appendix U-2).</li> </ul>							
	(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 EUC 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,							

 If temination, collect dosimeters/KI from emergency workers, inventory, and prepare for return to County EOC.

escalation or reduction of classification.

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. 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 EUC staff; obtain a signed receipt (reference Appendix D-3). (time) d. Proceed to Step 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 EUC. (time) Remarks/Actions Taken: 3.

# MUNICIPAL DUSIMETRY-KI LIST

	AGENCY	MBER OF	EMERGENCY	WURKERS
Α.	Emergency Management Agency			
	East Nantmeal Township Route 401 & Font Road Glenmore, PA		12	
В.	Public Works			
	East Nantmeal Township Route 401 & Font Road Glenmore, PA		8	
	Total Units of Dosimetry-KI Requ	uired	20	

CHESTER COUNTY

RADIOLOGICAL EMERGENCY RESPONSE PLAN

FOR INCIDENTS AT THE

LIMERICK GENERATING STATION

**APRIL 1984** 

Copy Number \_\_\_\_

Oraft 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:
  - 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 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 personnel will be notified.
- j. The local EBS station WCOJ 1420 AM will be monitored.
- k. Review municipal and County Radiological Emergency Response Plans.
- 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.
- Additional emergency response personnel will be mobilized, including full EUC 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

ERT					
	Doc	ument			
	a.	Date			
	D.	Time			
	c.	Sour	ce:		
			ils:		
			Minima per mense		
	Not	ify:			
				Telephone	Time
	a.	Elec	ted Officials		
		(1)	Robert Saylor	home	
		(2)	F Want High		
		(2)	E. Kent High	home office	
		(3)	William R. Deegan	home	
				office	-
		(4)	Larry Challenger	home	
		151	Kenneth J. Bickel	home	
		(3)	Keilletii U. Ditkei	office	
	b.	Key	Staff		
		(1)	Police Services Officer	home	
			Or Deputy	office	
			Deputy	office	- =
		(2)	Fire Services Officer	home	
			Or Deputy	office	-
			Deputy	ofrice	-
		(3)	Transportation Officer	home	
			or	office	

	Deputy	home office
	(4) Radiological Officer	nome office
	Deputy	home office
	Have key staff report to EOC. (time)	
3.	Verify that the following have been notified	
		Telephone Time
	a. Police Department	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
	b. Fire Department	
	c. Verification Message:	
	"This is <u>(name &amp; title)</u> . I would l been notified that an incident classific declared at the Limerick Generating Stat	ation of 'Alert' has been
4.	Report to and activate local Emergency Opera	tions Center (EOC).
	a. Activated	
	b. County Municipal Liaison Officer notifie 6160)  (time)	ed of EUC activation. (431-
	c. Check communication systems for operabil	ity
	d. Establish EOC security. (time)	
	e. Monitor EBS station WCOJ 1420 AM.	(time)
	f. Ensure Route Alert Teams have been mobil	NOTE OF A COUNTY AND A COUNTY OF A COUNTY
	(time)	a antifu basaia.
	g. If public alert system has been activate impaired.	ed, notity hearing
	h. In the event of a siren failure, receive County that appropriate Route Alert Tear	e notification from the ms have been dispatched.
	(time)  i. Log all incoming messages that provide action. Post pertinent data on the star	information or require tus board. (time)
5.	Verify that the following have been notified	
	a. School	Telephone Time
	d. Juliou	

	(1) North Coventry Elementary School Grey Cunningham Office
	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."
6.	Notify the following:
	a. Special Facilities Telephone Time
	(1) Coventry Mall John Roller Office
	(2) Coventry Nursery School (9:00am-11:30am) Mrs. Charles Hartman  Toffice
	(3) U.C.C. Camp Wilmer Swinehart
	b. Message:
	"This is <u>(name/title)</u> . 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)	Esca	lation				
		(3)	Redu	ction				
11.	If e	escal minat	ation ion o	, accomplis	n appropriate of classifica	Implementing Prostion, verify/not	cedure. It	f llowing:
	a.	Veri	ficat	ion				
		(1)	Poli	ce Departme	nt			
		(2)	Fire	Department				
		(3)	Scho	01				
			(a)		ntry Elementa eg Cunningham		office	
		(4)	Veri	fication Me	ssage:			
			you	have been n rating Stat	otified that 1	. I would l the emergency at terminated/reduc	the Limeria	CK
	b.	Noti	ficat	ion				
		(1)	Elec	ted Officia	ıls	Telepho	ne	Time
			(a)	Robert Say	lor		home office	
			(b)	E. Kent Hi	iyh		home office	_
			(c)	William R.	. Deegan		home office	
			(d)	Larry Chai	llenger	114	home office	
			(e)	Kenneth J	. Bickel		home office	
		(2)	Spec	cial Facili	ties			
			(a)		Mall ohn Roller	100	office	
			(b)		Nursery School rs. Charles Ha	(9:00am-11:30ar	n) nome	

(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."

## 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.	Documen	t:		
	a. Dat	e:		
	b. Tim	e:		
	c. Sou	rce:		
	d. Det	ails:		
2.	Notify:			
	a. Ele	cted Officials	Telepnone	Time
	(1)	Robert Saylor	home	_
	(2)	E. Kent High	home	
	(3)	William R. Deegan	home	
	(4)	Larry Challenger	home	
	(5)	Kenneth J. Bickel	home	
	b. Key	Staff		
	(1)	Police Services Officer	home office	
		Deputy	home office	
	(2)	Fire Services Officer	home	

		Deputy	home office
	(3)	Transportation Officer	home
		or	office
		Deputy	home office
	(4)	Radiological Officer	home
		Deputy	home office
	Hav	ve key staff report to EOC	
3.	Verify	that the following have been n	(time) otified:
			Telephone Time
	a. Pol	ice Department	
	b. Fir	re Department	
	c. Ver	rification Message:	
	hav	nis is <u>(name/title)</u> we been notified that a 'Site Enerick Generating Station."	. I would like to verify that you mergency' has been declared at the
4.	Report	to and activate the local Emer	gency Operations Center
	a. Act	tivated(time)	
		unty Municipal Liaison Officer 31-6160)	notified of EUC activation
	c. Com	nmunications system checked for	operability. (time)
	d. Est	tablish EOC security. (time	
	e. Mon	nitor EBS station WCOJ 1420 AM.	
	f. Ens	sure Route Alert Teams have bee	(time) en mobilized as necessary.
		(time) the public alert system has be	een activated, notify hearing
		(time) the event of a siren failure, unty that appropriate Route Ale	receive notification from the ert Teams have been dispatched.
		(time) y all messages that provide information on status b	

5.	Have additional emergency personnel report to the EUC (for 24-hour operation), or where needed.
6.	Ensure that appropriate EUC staff have placed their respective emergency workers on standby status.
7.	(time) Verify that the following have been notified:
	Telephone Time
	(1) North Coventry Elementary School Greg Cunningham office
	b. Verification Message:
	"This is <u>(name/title)</u> . I would like to verify that you have been notified that an incident classification of 'Site Emergency' has been declared at the Limerick Generating Station."
8.	Notify the following:
	a. Special Facilities Telephone Time
	(1) Coventry Mall  John Roller  office
	(2) Coventry Nursery School (9:00am-11:30am)  Mrs. Charles Hartman  office
	(3) U.C.C. Camp Wilmer Swinehart
	b. Messaye:
	"This is <u>(name/title)</u> . 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.
10.	Ensure Radiological Officer has distributed dosimeters/KI to emergency workers.
11.	(time) Review road conditions with EUC staff, i.e., there is no construction or other activity which would hinder movement of personnel or vehicles

Ensure ARES operator contacts the County ARES Municipal EUC.	base upon arrival at the
(time) Report all unmet needs to the County Municipa 6160).	l Liaison Officer (431-
Review remaining emergency procedures in the	event of escalation.
Maintain Site Emergency status until notified escalation, or reduction of classification:	of termination,
a. Date:	
b. Time:	
c. Source:	
d. Disposition:	
(1) Termination	
(2) Escalation	
(3) Reduction	
If escalation, accomplish appropriate Implementermination or reduction of classification, n	nting Procedure. If otify/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 <u>(name/title)</u> .  have been notified that the emergence ing Station has been terminated/redu	y at the Limerick Generat-
b. Notification	
	Report all unmet needs to the County Municipal 6160).  Review remaining emergency procedures in the Maintain Site Emergency status until notified escalation, or reduction of classification:  a. Date:  b. Time:  c. Source:  d. Disposition:  (1) Termination  (2) Escalation  (3) Reduction  If escalation, accomplish appropriate Implement termination or reduction of classification, not a. Verification:  (1) Police Department  (2) Fire Department  (3) School  (a) North Coventry Elementary School Greg Cunningham  (4) Verification Message:  "This is (name/title) have been notified that the emergence

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

(1)	Elected Officials	
	(a) Robert Saylor	nome office
	(b) E. Kent High	home office
	(c, William R. Deegan	home
	(d) Larry Challenger	office nome office
	(e) Kenneth J. Bickel	home office
(2)	Special Facilities	
	(a) Coventry Mall John Roller	office
	(b) Coventry Nursery Sch Mrs. Charles	
	(c) U.C.C. Camp Wilmer Swine	hart That
(3)	Message:	
		. The emergency at the on has been terminated/reduced to

## 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.	Doc	umen	t:		
	a.	Date	e:		
	b.	fime	e:		
	c.	Soul	rce:		
	d.	Deta	ails:		
2.	Not	ify:			
	a.	Elec	cted Officials	Telephone	Time
		(1)	Robert Saylor	home	
		(2)	E. Kent High	home	
		(3)	William R. Deegan	home	
		(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	home	

			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.		
3.	Ver	ifv t	(time) hat the following have been notified		
				Telephone	Time
	a.	Poli	ce Department	-	
	b.	Fire	Department		
	c.	Veri	fication Message:		
		at t	have been notified that a 'General E he Limerick Generating Station. The on is "	recommended protective	e
4.	Rep	ort t	o and activate the local Emergency O	perations Center.	
	a.	Acti	vated		
			(time)		
	b.	Coun 6160		ed of EUC activation (4	31-
			(time)		
	с.	Comm	nunications system checked for operab	(time)	
	d.	Esta	blish EOC security(time)	(cime)	
	e.	Moni	tor EBS station WCOJ 1420 AM.	time)	
	f.	Ensu	re Route Alert Teams have been mobil		
			time)		
	g.		all messages which provide information inent data on status board.  (time		Post
5.			that all necessary emergency response, where needed, or to pre-assigned lo	personnel have report	ed to
		,		(time)	

6.	Verify that the following have been notif	fied:	
	a. School	Tele, hone	Time
	(1) North Coventry Elementary School Greg Cunningham	offic	e
	b. Verification Message:		
	"This is (name/title) . It have been notified that a 'General Enthe Limerick Generating Station. The is	nergency' has been decl	ared at
7.	Notify the following:		
	a. Special Facilities	Telephone	Time
	(1) Covertou Mall		
	(1) Coventry Mall John Roller	offic	е
	(2) Coventry Nursery School (9:00am- Mrs. Charles Hartma		e
	(3) U.C.C. Camp Wilmer Swinehart		
	b. Message:		
	"This is (name/title) been declared at the Limerick Generat protective action is	ing Station. The reco	' has mmended
	Note: If a protective action has not them to tune to the EBS station		instruct
8.	Verify Resource Availability:		
	Ensure appropriate EOC staff have reviewed inventories and have reported deficiencies parts in the County EOC; for example, the Officer contacts County Transportation Of	es to their respective Municipal Transportat	counter-
9.	Ensure Radiological Officer has distribut workers and EUC staff. (time)		ergency
10.	Review road conditions with EOC staff, i. other activity which would hinder movemento/from the area. Ensure that the Transport Public Works Officer are aware of any pro-	it of personnel or vehi portation Ufficer and t	cles he County

11.	Ensure ARES operator contacts County ARES base upon arrival at the Municipal EOC.
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.
	c. In the event of a siren failure, receive notification from to a County that appropriate Route Alert Teams have been dispatched.
14.	(time)  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.
	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.
	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.	Mainta	ain General Emergency status until:	
	a. Re	eduction of classification. (tim	0
	b. Te	ermination of emergency. (time)	
	c. E	OC must be evacuated. (time)	
16.		duction of classification or terminat y/verify the following:	ion of emergency,
	a. Ve	erification:	
			Telephone Time
	(	1) Police Department	
	(2	2) Fire Department	
	(:	3) School	
		(a) North Coventry Elementary Sc Greg Cunningham	nool office
	(4	4) Verification Message:	
		"This is <u>(name/title)</u> have been notified that the emery ing Station has been terminated/r	ency at the Limerick Generat-
	b. No	otification	
	(:	1) Elected Officials	Telephone Time
		(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  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 EUC. (time)
18.	Remarks/Actions Taken:

#### ANNEX E

## Implementing Procedure

#### Radiological

Radiological	al Officer: Alternate:	John Ireland	
The state of the s		(name)	

#### UNUSUAL EVENT

No response required.

#### ALERT

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

#### Radiological

#### SITE EMERGENCY

The Radiological Officer small:

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).
- 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 EUC staff; obtain a signed receipt (reference Appendix E-3).
  - 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:

<ol> <li>If this is the first notification received or if escalation, then:         <ul> <li>a. Report to the EOC.</li> <li>(time)</li> <li>b. Inventory dosimeters/KI and prepare for distribution</li> </ul> </li> </ol>	ation from Unusua
a. Report to the EOC. (time)  b. Inventory desimeters/KI and prepare for distribution	
b. Inventory dosimeters/KI and prepare for distribution	
complete a Receipt Form for Dosimetry - Survey Mete (reference Appendix E-2).	
c. Distribute dosimeters/KI to municipal emergency wor Appendix E-1) and EOC staff; obtain a signed receip Appendix E-3)  (time)	
d. Proceed to Step 2.	
<ol> <li>If escalation from Alert or Site Emergency, or if proce Step 1, then:</li> </ol>	ediny from
a. Relocate to alternate EJC after population has depart	irted.
(time)	
<ol> <li>Upon termination of emergency, collect dosimeters/KI fr workers, inventory, and prepare for return to County Ed</li> </ol>	

BUROUGH 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 Operation	ons Center (EUC).
	a. Activated(time)	
	<ul> <li>County Municipal Liaison Officer notified of 6160).</li> </ul>	of EUC activation (431-
	(time)  c. Check communication systems for operability	
	d. Establish EOC security.	(time)
	e. Monitor EBS station WCOJ 1420 AM.	
	(tim	
	f. Ensure Route Alert Teams have been mobilize	d as necessary.
	g. If public alert sytem has been activated, n impaired.	otify hearing
	h. Log all incoming messages that provide info action. Post pertinent data on status boar	
4.	Ensure ARES operator contacts the County ARES be Borough EOC. (time)	ase upon arrival at
5.	Report all unmet needs to the County Municipal	liaison Officer
6.	Review remaining emergency procedures in the ev	
7.	Maintain Alert status until notified of termina reduction of classification:	tion, escalation or
	a. Date:	
	b. Time:	
	c. Source:	
	d. Disposition	
	(1) Termination	
	(2) Escalation	
	(3) Reduction	

A-4

	Deputy: Oliver Sims	nome 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 Operat	ions Center
	a. Activated(time)	
	b. County Municipal Liaison Officer notified of activation. (time)	EOC
	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.
	g. If the public alert system has been activated impaired.	, notify hearing
	h. In the event of a siren failure, receive noti County that appropriate Route Alert Teams have	fication from the re been dispatched.
	<ul> <li>(time)</li> <li>i. Loy all messages that provide information or pertinent data on status board.</li> </ul>	require action. Post
4.	Have additional emergency personnel report to the operation), or where needed. (time)	EOC (for 24-hour
5.	Ensure that appropriate EOC staff have placed the workers on standby status.  (time)	eir respective emergency
6.	Verify Resource Availability:	
	Ensure appropriate EOC staff have reviewed their inventories and have reported deficiencies to the parts in the County EOC; for example, the municipal Officer contacts the County Transportation Office	eir respective counter- pal Transportation
7.	Ensure Radiological Officer has distributed dosin workers.  (time)	

to/ Pub	lic w	Jorks Officer (431-6160) are awar	e or any problem areas.
Rep	(time	ne) ill unmet needs to the County Mun	nicipal Liaison Officer.
Rev	iew r	remaining emergency procedures in	the event of escalation.
		Site Emergency status until not tion of classification:	ified of termination, escala
a.	Date		
b.	Time	ıı	
с.	Sour	rce:	
d.	Disp	osition:	
	(1)	Termination	
	(2)	Escalation	
	101		
	(3)	Reduction	
	escal	ation, accomplish appropriate Imition or reduction of classificati	
ter	escal minat	ation, accomplish appropriate Im	
ter	escal minat	ation, accomplish appropriate Imition or reduction of classificati	on, notify the following:
ter	escal minat	ation, accomplish appropriate Imition or reduction of classification and the control of the cont	Telephone Ti
ter	escal minat Elec	ation, accomplish appropriate Imition or reduction of classification of classificati	Telephone Ti  home office
ter	escal minat Elec (1)	ation, accomplish appropriate Imition or reduction of classification of classificati	Telephone Ti  home office  office  home
ter	escal minate Electrical (1) (2) (3)	ation, accomplish appropriate Imition or reduction of classification of classificati	non, notify the following:  Telephone Ti  home office  home office  home office  home office
ter	escal minate Electrical (1) (2) (3) (4)	ation, accomplish appropriate Imition or reduction of classification and the control of classification and classification are control of classification and classification and classification are control of classification and classification and classification are control of classification and classification and classification are classification and classification are classification and classification and classification are classification are classification and classification are classification are classification are classification and classification are classification are classification and classification are classification and classification are cla	non, notify the following:  Telephone  Ti  home office  home office  home office  home office  home office

(8)	Michael Basca	home office
(9)	John P. Horenci, Jr.	home office
(10)	Joseph A. Fabian	home
(11)	Robert J. Gray	office home office
(12)	Alexander Kovach	home office
(13)	Robert W. Mark	home office
b. Mess	age:	
	"This is (name/title) Limerick Generating Station has	. The emergency at the been terminated/reduced to

	Deputy: Oliver Sims	nome office
	(8) Police Services	
	Chief: Henry Rodrique	home office
	Deputy: Donald Sees	home
		office
	Wave how staff payant to FOC	
	Have key staff report to EOC. (time)	
3.	Report to and activate the local Emergency Uperati	ons Center.
	a. Activated(time)	
	b. County Municipal Liaison Officer notified of E	UC activation (431-
	6160).	
	(time)	
	<ul> <li>Communications system checked for operability.</li> </ul>	(time)
	d. Establish EUC security.	(cime)
	(time)	
	e. Monitor EBS station WCOJ 1420 AM.	
	f. Ensure Route Alert Teams have been mobilized a	c nereccary.
	T. Ensure Route Afert leams have been mootifized a	s 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 perso	nnel have reported to
	the EOC, where needed, or to pre-assigned location	
	Vanifi Danasan Assilabilitus	(time)
5.	Verify Resource Availability:	
	Ensure appropriate EUC staff have reviewed their r	espective resource
	inventories and have reported deficiencies to thei	r respective counter-
	parts in the County EOC; for example, the municipa	1 Transportation
	Officer contacts County Transportation Officer.	(time)
6.	Ensure Radiological Officer has distributed dosime	
	workers and EOC staff.	
,	(time)	is no construction or
7.	Review road conditions with EUC staff, i.e., there other activity which would ninder movement of pers	
	to/from the area. Ensue that the Transportation O	
	Public Works Officer (431-6160) are aware of any p	
8.	(time) Report all unmet needs to the Municipal Liaison Ur	ficer.
	nopo. o arr annee recas os one namerpar erarson or	
9.	If sheltering is recommended:	

	a.	impaired.
	b.	(time)  Monitor EBS station to ensure proper instructions are being given to the general population.  (time)
	с.	Ensure that Fire Department personnel have activated route alerting plan, if required.
10.	If	evacuation is ordered:
	а,	impaired.
	b.	(time)  Monitor EBS station to ensure proper instructions are being given to the general public.  (time)
	ċ.	In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched.
	d.	(time) 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.
	f.	needs (431-6160).
		(1)
		(2)
		(3)
	g.	Monitor evacuation process and report any problem areas to the County Municipal Liaison Officer (431-6160).
		(1)
		(2)
		(3)
11.	Mai	ntain General Emeryency status until:
	a.	Reduction of classification.
	b.	Termination of emergency
	С.	EOC must be evacuated. (time)

		Telephone	Tim
Ele	cted Officials		
(1)	Robert M. Gray, Mayor	home office	
(2)	Mrs. Bonnie R. August Council President	home	
(3)	Ms. Helen M. Rambo Vice President	home office	_
(4)	Theodore Beluch	home	
(5)	John Fedora	home office	=
(6)	Owen J. Scanlin	home	_
(7)	Loren Griffith	home	_
(8)	Michael Basca	home	_
(9)	John P. Horenci, Jr.	home office	=
(10)	Joseph A. Fabian	home	
(11)	Robert J. Gray	home office	
(12)	Alexander Kovach	home office	_
(13)	Robert W. Mark	home	_
Mes	sage:		
"Th	is is (name/title) erick Generating Station has been provide in	. The emergency at the terminated/reduced to structions as appropriate	

If reduction of classification or termination of emergency, notify the

13.

12.

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

b.	Secure the fac	ility and proceed	to alternate EUC.	
c.	Notify Chester alternate EOC.		Liaison Officer upon	(time) your arrival a
		(time)		

#### 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. PURPUSE

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).
- 8. 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 t	the EOC.
Sector No. 7 Alert Team:	Fire Department
Leader:	
Assistant:	
Transient Location(s): (TBD	)
Hearing Impaired: List will be on file in	the EUC.
Sector No. 8 Alert Team:	Fire Department
Leader:	
Assistant:	
Transient Location(s): (TBD	)
Hearing Impaired: List will be on file in	the EUC.
Sector No. 9 Alert Team:	Fire Department
Leader:	
Assistant:	
Transient Location(s):	(TBU)
Hearing Impaired: List will be on file in	
Sector No. 10 Alert Team:	Fire Department
Leader:	
Assistant:	
Transient Location(s):	(ТВО)
Marsia: Impaired: Liet will be on file in	

#### ANNEX H

#### Implementing Procedure

#### Radiological

Radiological Officer: William Ravis

Alternate: Donna Moetsch, R.T.

#### UNUSUAL EVENT

No response required.

#### ALERT

- 1. Upon notification, report to the EOC. (time)
- Inventory dosimeters/KI, prepare for distribution; complete a Receipt Form for Dosimetry-Survey Meters-KI. (reference Appendix H2).
- 3. Review remaining procedures in the event of escalation.
- Maintain Alert status until notified of termination, escalation, or reduction of classification.
- 5. Remarks/Action Taken:

## Radiological

#### SITE EMERGENCY

- If this is the first notification received or if escalation from Unusual Event, then:
   a. Report to the EOC.
  - 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 EUC Staff (reference Appendix H-1); obtain a signed receipt (reference Appendix H-3).
  - b. Review remaining procedures in the event of escalation.
  - Maintain Site Emergency status until notified of termination, escalation or reduction of classification.
- If termination, collect dosimeters/KI from emergency workers, inventory, and prepare for return to County EOC. (time)
- 4. Remarks/Actions Taken:

#### Radiological

#### GENERAL EMERGENCY

- 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; complete a Receipt Form for Dosimetry - Survey Meters - KI (reference Appendix H-2). 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. 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: _	
UNUS	JAL E	VENT				
No re Gener	espon	ise ne	ecessary unless police	e services are requ	ired at the Lin	merick
ALER						
1.	Upo	n not	ification, report to			
2.	Ver	ify t	ne following have bee	en n lified:	•)	
	ā.	Poli	ce Department		Telephone 933-1180	Time
	ь.	Fire	Departments			
		(1)	Phoenix Hose, Hook &	Ladder Company #1		
		(2)	Friendship Fire Comp	any #2	OF THE PERSON NAMED IN	
		(3)	West End Fire Compan	y #3		
	с.	Ambu	lance Service			
	d.	Scho	ols		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 L Principal	ouise	
	(7)	Holy Trinity School	Sis. Mary D Principal	amian (	
e.	Hosp	pital			
	(1)	Pnoenixville Hospi	ital	-	
f.	Nurs	ing Home			
	(1)	Phoenixville Manor			
g.	Majo	or Industries			
	(1)	Phoenix Steel Corp			office
	(2)	West Co.			office
	(3)	SCM Products			office
	(4)	A. P. Deno			office
	(5)	Budd Co.	•		office
	(6)	Leighton Industrie	es		office
	(7)	Danco Tool			office
	(8)	Kimberton Kit Co.		4	office
	(9)	Bachman Co.		-	office
	(10)	Randolph Industrie	ıs		office
	(11)	Handi-Crafters			office
h.	Veri	fication Messaye:			
	veri	s is <u>(name)</u> fy that you have be Alert" has been dec	en notified the	on Officer. I wo at an incident cl merick Generating	assification
Not	ify t	he following:			
ā.	Spec	ial Facilities			
	Phoe	nixville Senior Cit	izens Center	Elaine Smith Donna Baker	
	Kiny	Terrace Nursing Ho Contact: Chester		Authority Fred Brown	

3.

No.	44	Distr.	in.	-	4	16.000
b.	m	a	sc.	×.	æ	ye
N/ *	3.7	•	•	•	•	54 Sil

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 actins are normally required.

- 4. Review remaining emergency procedures in the events of escalation.
- 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.	Veri	fication	Talaahaaa	Time			
(1)	Poli	ce Department	Telephone	Time			
(2)	Fire	Departments					
	(a)	Phoenix Hose, Hook &	Ladder Company #1				
	(b)	Friendship Fire Comp	any #2				
	(c)	West End Fire Compan	y #3				
(3)	Ambu	lance Service			-		
(4)	Schools						
	(a)	Phoenixville Senior High School	Vincent G. Daner  Principal				
	(0)	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				

(5)	Hosp	ital	
	(a)	Phoenixville Hospital	
(6)	Nurs	ing Home	
	(a)	Phoenixville Manor	
(7)	Majo	r Industries	
	(a)	Phoenix Steel Corp.	
	(b)	West Co.	
	(c)	SCM Products office	
	(d)	A. P. Deno office	
	(e)	Budd Co.	
	(f)	Leighton Industries	
	(g)	Danco Tool office	
	(h)	Kimberton Kit Co. Office	
	(1)	Bachman Co.	it no
	(1)	Randolph Industries office	_
	(K)	Handi-Crafters office	-
(8)	Veri	fication Message:	
	veri	s is	
	a.	Notification	
		(1) Special Facilities	
		(a) Phoenixville Senior Citizens Center Elaine Smith Donna Baker	
		(b) King Terrace Nursing Home Contact: Chester County Housing Authority Fred Brown	

		(y)	Holy Trinity School Sis. Mary Damian Principal	<b>—</b>			
	(5)	Hospital					
		(a)	Phoenixville Hospital	-			
	(6)	Nurs	ing Home				
		(a)	Phoenixville Manor				
	(7)	Majo	or Industries				
		(a)	Phoenix Steel Corp.	office			
		(b)	West Co.	office			
		(c)	SCM Products	office			
		(d)	A. P. Deno	office			
		(e)	Budd Co.	office			
		(f)	Leighton Industries	office			
		(g)	Danco Tool	office			
		(h)	Kimberton Kit Co.	office			
		(1)	Bachman Co.	office			
		(1)	Randolph Industries	office			
		(k)	Handi-Crafters	office			
	(8)	Veri	fication 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 a the Limerick Generating Station."					
	Proc	eed t	o Step 3.				
t	ify t	ne Fo	ollowing:				
	Spec	ial F	acilities				
	Phoe	nixvi	lle Senior Citizens Center	Elaine Smith Donna Baker			
	King	Terr	race Nursing Home				

2.

# Contact: Chester County Housing Authority Fred Brown

3.

	Mess	aye					
	clas Gene	is sific ratin ssary	ation of g Statio	Name/Title) 'Site Emerger n." (Provide	ncy has been	An incident declared at the instructions as	ne Limeria S
f	escal	ation	from Al	ert or it pro	ceediny from	Step 1, then:	
	Revi	ew re	maining	emergency pro	cedures in th	e event of esca	alation.
				rgency Status ction of class		ed of terminat	ion,
	term	scala ninati owiny	on or re	complish approduction of cl	opriate Imple assification,	menting Proced verify/notify	ure. If
	(1)	Verif	ication				
	(a)	Poli	ce Depar	tment		Telephone	Time
	(D)	Fire	Departm	ents			
		(1)	Phoenix	Hose, Hook &	Ladder Co. #	1	
		(2)	Friends	hip Fire Comp	any #2		
		(3)	West En	d Fire Compan	y #3		
	(c)	Ambu	lance Se	rvice			
	(d)	Scho	ols				
		(1)	Phoenix	ville Senior Vincent G. D Principal		-	
		(2)	Phoenix	ville Junior David Stewar Principal			
		(3)	Barkley	Elementary S Joseph Dough Principal		-	
		(4)	Second	Avenue Elem. Joseph Dough Principal		-	
		(5)	St. Ann	School .			

		Sis. Maria Auxilia Principal	
	(6)	St. Mary of the Assumption Sis. John Louise Principal	<b>-</b>
	(7)	Holy Trinity School Sis. Mary Damian Principal	
(e)	Hosp	ital	
	(1)	Phoenixville Hospital	
(f)	Nurs	ing Home	
	(1)	Phoenixville Manor	
(y)	Majo	r Industries	
	(1)	Phoenix Steel Corp.	office
	(2)	West Co.	office
	(3)	SCM Products	office
	(4)	A. P. Deno	office
	(5)	Budd Co.	office
	(6)	Leignton Industries	office
	(7)	Danco Tool	office
	(8)	Kimberton Kit Co.	office
	(9)	Bachman Co.	office
	(10)	Randolph Industries	office
	(11)	Handi-Crafters	office
(h)	Veri	fication Message:	
	to v	s is <u>(name)</u> , Informat erify that you have been notifi rick Generating Station has bee	

(2) Notification

- (a) Special Facilities
  - (1) Phoenixville Senior Citizens Center Elaine Smith Donna Baker
  - (2) King Terrace Nursing Home Contact: Chester County Housing Authority Fred Brown
- (b) Message

"This is \_\_\_\_\_\_\_, 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:

a.	Керо	rt to	the EUC. (time)		
b.	Veri	fy th	e following have been notified:		
	(*)			Telephone	Time
	(1)	POIT	ce Department		
	(2)	Fire	Departments		
		(a)	Phoenix Hose, Hook & Ladder Co. #		
		(b)	Friendship Fire Company #2		
		(c)	West End Fire Company #3		
	(3)	Ambu	lance Service		
	(4)	Scho	ols		
		(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	-	

		(g) Holy Trinity School Sis. Mary Damian Principal	<b>—</b>
	(5	) Hospital	
		(a) Phoenixville Hospital	
	(6	) Nursing Home	
		(a) Phoenixville Manor	
	(7	) Major Industries	
		(a) Phoenix Steel Corp.	office
		(b) West Co.	office
		(c) SCM Products	office
		(d) A. P. Deno	office
		(e) Budd Co.	office
		(f) Leighton Industries	office
		(g) Danco Tool	office
		(h) Kimberton Kit Co.	office
		(i) Bachman Co.	office
		(j) Randolph Industries	office
		(k) Handi-Crafters	office
	(8	3) Verification Message:	
		"This is <u>(name)</u> , Information to verify that you have been notified fication of "General Emergency" has but Limerick Generating Station."	that an incident classi-
	c. Pr	roceed to Step 3.	
2.	Notify	the Following:	
	a. Sp	pecial Facilities	
	Ph	The second secon	aine Smith
	Ki	ing Terrace Nursing Home	nino baker

Contact: Chester County Housing Authority
Fred Brown

b. Messaye

3.

	clas	sific	ation of	'General	Emeryency	' has bee	cer. An inc en declared a opriate instr	it the
f	escal	ation	from Al	ert or if	proceeding	ny from St	ep 1, then:	
	Ifr	econm	ended pr	otective	action is	evacuation	on:	
	(1)	Relo	cate to	alternate	EUC after	populati	on has depar	ted.
		ermin		reductio	n of class	sification	n, verity/not	ify tne
	(1)	Veri	fication					
	(2)	Dali	co llocare	•			Telephone	Time
	(a)		ce Depar				-	
	(b)	Fire	Departm	ents				
		(1)	Pnoenix	Hose, Ho	ok & Ladde	er Co. #1		
		(2)	Friends	hip Fire	Company #2			
		(3)	West En	d Fire Co	mpany #3			
	(c)	Ambu	lance Se	rvice				
	(d)	Scho	ols					
		(1)	Phoenix		ior High S G. Daher 1	School		
		(2)	Pnoenix	ville Jun David St Principa		School	_	
		(3)	Barkley		ry School ougherty 1	•		
		(4)	Second		em. School ougherty l	•		
		(5)	St. Ann		ia Auxilia I			

		(6)	St. Mary of the Assumption Sis. John Louise Principal	<b>-</b>
		(7)	Holy Trinity School Sis. Mary Damian Principal	<b>-</b>
	(e)	Hosp	ital	
		(1)	Phoenixville Hospital	
	(f)	Nurs	ing Home	
		(1)	Phoenixville Manor	
	(g)	Majo	r Industries	
		(1)	Phoenix Steel Corp.	office
		(2)	West Co.	office
		(3)	SCM Products	office
		(4)	A. P. Deno	office
		(5)	Budd Co.	office
		(6)	Leighton Industries	office
		(7)	Danco Tool	office
		(8)	Kimberton Kit Co.	office
		(9)	Bachman Co.	ffice
		(10)	Randolph Industries	office
		(11)	Handi-Crafters	office
	(n)	Veri	fication Message:	
		like at t	is is <u>(name)</u> , Information to verify that you have been notified the Limerick Generating Station has bee	that the emergency
2)	Not	ificat	tion	
	(a)	Spec	cial Facilities	
		(1)	Phoenixville Senior Citizens Center Elaine Smith	

- Donna Baker

  (2) King Terrace Nursing Home
  Contact: Chester County Housing Auhority
  Fred Brown
- (b) Messaye

"This is \_\_\_\_\_\_, 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 \_\_\_\_\_

## ANNEX A

## Implementing Procedure

# Emergency Management Coordinator\*

Emergency Management Coordinator: Norman Vutz

Alternate: Herman A John

UNUS	UAL E	VENT
1.	If	notified, document:
	a.	Date:
	b.	Time:
	c.	Source:
	d.	Details:
	е.	Actions Recommended:
	f.	Actions Taken:

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

		Have key staff report to EUC. (time)		
3.	Ver	rify that the following have been notified:		
			Telephone	Time
	a.	Police Department	-1000	
	b.	Valley Forge Fire Department	ALIMAN .	
	с.	Verification Message:		
		"This is <u>(name &amp; title)</u> . I would like been notified that an incident classificati declared at the Limerick Generating Station	on of 'Alert' has	
4.	Rep	port to and activate local Emergency Operation	ns Center (EUC).	
	a.	Activated(time)		
	b.	County Municipal Liaison Officer notified o		(431-
	с.	Check communication systems for operability		
	d.	Establish EOC security.	(time)	
	e.	Monitor EBS station WCOJ 1420 AM.		
	f.	Ensure Route Alert Teams have been mobilize		
		(time)		
	9.	impaired.	notify hearing	
	h.	(time) In the event of a siren failure, receive no County that appropriate Route Alert Teams h		
		(time)		- 10
		Verify the County has assigned an ARES unit	to the lownship	EUC.
	j.	(time) Loy all incoming messages that provide info response. Post pertinent data on status bo		e a
5.	Ver	ify that the following have been notified:		
			Telephone	Time
	a.	Schools		
		(1) Schuylkill Township Frank Orlando, Elementary Principal	office	

		(2)	Phoenixville Ar Junior High		Stewart, ncipal		office	
		(3)	Northern Cheste Vo./Tech. Sch				office	-
		(4)	Valley Forge Christian Acad		Nason istrator		_office	
	b.	Majo	r Industries					
		(1)	American Inks a Coating Corp.		Smith		home office	
		(2)	McAvoy Vitrifie Brick Company		mbel Colket		nome office	
		(3)	West Company				home office	
	c.	Veri	fication Message					
		been	s is <u>(name/t</u> notified that a ared at the Lime	n incident	classificat	ion of 'Al	fy that yo ert' has b	u have een
	Not	ify t	ne followiny:					
	a.	Spec	ial Facilities					
		(1)	YMCA Baker Park	jour <del>-</del>			home office	_
	b.	Mess	age:					
			s is (na Alert has been	me/title) declared at				
		Note	: This is provi		ormational	purposes o	nly. No a	ctions
		ure A	RES operator con EOC. (time)	tacts the C	ounty ARES	base upon	arrival at	the
3.	Rep 616		ll unmet needs t	o the Count	y Municipal	Liaison O	fficer (43	1-

10.				t status until notified of term classification:	nination, escalation	or or
	a.	Date	:			
	b.	Time	:			
	c.	Sour	ce: _			
	d.	Disp	ositi	on		
		(1)	Term	ination		
		(2)	Esca	lation		
		(3)	Redu	ction		
11.	If ter	escal	ation ion o	, accomplish appropriate Implement reduction of classification,	mentiny Procedure. verify/notify the	If following:
	a.	Veri	ficat	ion:	Telephone	Time
		(1)	Poli	ce Department		
		(2)	Vall	ey Forge Fire Department		
		(3)	Scho	ols		
			(a)	Schuylkill Township Frank Orlando Elementary Principal	, offic	e
			(b)	Phoenixville Area  David Stewart  Junior High Principal	, offic	e
			(c)	Northern Chester Co. Robert Zimmer: Vo./Tech. Sch. Director	man <b>Service</b> offic	e
			(d)	Valley Forge Scott Nas Christian Academy Adm.	on offic	e
		(4)	Majo	r Industries		
			(a)	American Inks and Coating Cor David Smith	pnomeoffic	e

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

		(b) McAvoy Vitrified Brick Comp R. Kimbel C		_
		(c) West Company	home office	
	(5)	Verification Message:		
		"This is <u>(name/title)</u> . I we have been notified that the emer Generating Station has been term Event."	gency at the Limerick	
b.	Noti	fi ation:		
	(1)	Elected Officials	Telephone	Time
		Herman A. John	home office	
		Lawrence Drake	nome	
		R. Kimbel Colket	home office	
		Norman Vutz	home	
		Edward Stoeber	home office	
	(2)	Special Facilities		
		(a) YMCA Baker Park	home	ce
	(3)	Message:		
		"This is (name/title) Limerick Generating Station has Unusual Event."	. The emergency of been terminated/reduced	at the

12. Remarks/Actions Taken:

	(3)	Transportation Officer	home office	
		Or Deputy	nome office	
		e key staff report to EJC. (time)		
3.	Verify	that the following have been notified:		
			Telephone	Time
	a. Pol	ice Department	-	
	b. Val	ley Forge Fire Department		
	c. Ver	ification Message:		
	bee	is is <u>(name/title)</u> . I would like an notified that a 'Site Emergency' has merick Generating Station."		
4.	Report	to and activate the local Emergency Upe	erations Center.	
	a. Act	ivated(time)		
	b. Cou 616	nty Municipal Liaison Officer notified (0)	of EUC activation.	(431-
	c. Com	(time) munications system checked for operabil	ity	
	d. Est	ablish EOC security.	(time)	
		(time)	ine)	
	f. Ens	ure Route Alert Teams have been mobilize	The state of the s	
	g. If	time) the public alert system has been active aired.	ated, notify hearing	y
	n. Ver	rify the County has assigned an ARES un	it to the Township I	EOC.
		(time) the event of a siren failure, receive renty that appropriate Route Alert Teams		
		gall incoming messages that provide in sponse. Post all pertinent data on stat		e a
5.		dditional emergency personnel report to on), or where needed. (time)	the EUC (for 24-no	ur

0.		rkers on standby status.	neir respective emerge	ncy
7.	Ver	(time) rify that the following have been notified:		
	a.	Public/Parochial Schools	Telephone Ti	me
		(1) Schuylkill Township Frank Urlando, Elementary Principal	office	
		(2) Phoenixville Area  David Stewart,  Junior High Principal	office	
		(3) Northern Chester Co.  Robert Zimmerman  Vo./Tech. Sch. Director	ffice	
		(4) Valley Forge Scott Nason Christian Academy Adm.	office	
	b.	Major Industries		
		(1) American Inks and David Smith Coating Corp.	nome office	
		(2) McAvoy Vitrified R. Kimbel Colket Brick Company	nome office	
		(3) West Company	home office	
	c.	Verification Message:		
		"This is <u>(name/title)</u> . I would like been notified that an incident classificati has been declared at the Limerick Generation		
8.	Not	tify the following:		
	a.	Special Facilities	Telephone Ti	me
		(1) YMCA Baker Park	home	
	b.	Message:		H
		"This is(name/title) . An	incident classificatio	n
		of 'Site Emeryency' has been declared at th Station." (Provide appropriate instruction		

	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 Fire Officer contacts the County Fire Officer.
	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 Office aware of any problem areas.  (time)
	12.	Ensure ARES operator contacts the County ARES base upon arrival at the Township EUC. (time)
١	13.	Report all unmet needs to the County Municipal Liaison Officer (431-6160)
	14.	(time) Review remaining emergency procedures in the event of escalation.
	15.	Maintain Site Emeryency 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 To	wnship			
		Elementary	Frank Urland	0,	office	
	(b)	Phoenixville /	Area David Stewar Principal	t, <b>—</b>	office	
	(c)	Northern Chest	ter Co. Robert Zimme ch. Director	rman 🕳	office	
	(d)		Scott Na cademy Adm.	son (Marie	office	
(4)	Majo	r Industries				
	(a)	American Inks	and Coatiny Co David Smith	rp.	home office	
	(b)	McAvoy Vitrif	ied Brick Compa R. Kimbel Co		home office	
	(c)	West Company			home office	
(5)	Veri	ification Messa	ıye:			
	beer	notified that	title) . I w the emergency erminated/reduc	at the Limer	verify yo ick Genera	u have tiny
Noti	ficat	tion				
(1)	Elec	cted Officials		Telepnon	e	Time
	Hern	nan A. John		110	_home _office	
	Lawr	rence Drake		-	nome	
	R. K	Kimbel Colket		4	_nome _office	_
	Norm	man Vutz		4	home	
	Edwa	ard Stoeber		-	home office	

	(2)	Special F	acilities			
		(a) YMCA	Baker Park		home office	
	(3)	Message:				
		"This is Limerick		itle) ion has been	. The emeryency at the terminated/reduced to	
17.	Remarks/	Actions Ta	ken:			

	(3) Transportation Officer	home
	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 <u>(name/title)</u> . I would like been notified that a 'General Emergency' Limerick Generating Station. The recomme	has been declared at the
4.	Report to and activate the local Emergency Op	perations Center.
	a. Activated(time)	
	b. County Municipal Officer notified of EJC 6160) (time)	activation. (431-
	c. Communications system checked for operab	(time)
	d. Establish EOC security. (time)	
	e. Monitor EBS station WCOJ 1420 AM.	ime)
	f. Ensure Route Alert Teams have been mobil	ized as necessary.
	g. Verify the County has assigned an ARES up	nit to the Township EUC.
	h. Log all incoming messages that provide in response. Post all pertinent data on sta	nformation or require a atus board.
5.	Ensure that all necessary emergency response the EUC, where needed, or to pre-assigned lo	personnel have reported to cation. (time)
6.	Verify that the following have been notified	
	a. Public/Parochial Schools	Telephone Time
	(1) Schuylkill Township	
	Flementary Principal	office

	(	2) Phoen1	Junior High	David Stewart, Principal	office	
	(	3) Northe	rn Chester Co Vo./Tech. Sc	. Robert Zimmerman :	office	_
	(	4) Valley	Forye Christian Ac	Scott Nason ademy Adm.	office	
	b. M	Major Indus	tries			
	(		an Inks and ing Corp.	David Smith	home	_
	(		Vitrified k Company	R. Kimbel Colket	home	
	(	3) West C	ompany		home office	
	c. V	erificatio	n Message:			
7.		imerick Ge	·"	ion. The recommend	ed protective acti	ion is
	a. S	pecial Fac	ilities			
	(	1) YMCA B	aker Park		home	=
	b. M	dessaye:				
	b		ed at the Lim	erick Generating St	General Emergency ation. The recomm	has nended
	N			ction has not yet b	een determined, in	struct
8.	Verif	y Resource	Availability			
	inven	itories and	have reporte unty EOC; for	have reviewed their deficiencies to the example, the Munic	heir respective co	ounter-

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 EUC. (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 dipatched. (time)
14.	If evacuation is ordered:
	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 public.  (time)
	c. In the event of a siren faiure, 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)

	9.		tor evacuation process and report any p ty Municipal Liaison Officer.	
		(1)	(time	
		(2)		
		(3)		
15.	Mai	ntain	General Emeryency status until:	
	a.	Redu	ction of classification.	
	D.	Teri	(time)	
	c.	EOC	must be evacuated. (time)	
16.			(time) tion of classification or termination o he following:	f emergency, notify/
	a.	Veri	fication:	
				Telephone Time
		(1)	Police Department	
		(2)	Valley Forge Fire Department	
		(3)	Public/Parochial Schools	
			(a) Schuylkill Township Frank Orlando, Elementary Principal	office
			(b) Phoenixville Area  David Stewart,  Junior High Principal	office
			(c) Northern Chester Co.  Robert Zimmerman  Vo./Tecn. Sch. Director	office
			(d) Valley Forge Scott Nason Christian Academy Adm.	ffice
		(4)	Major Industries	
			(a) American Inks and Coating Corp.  David Smith	home office
			(b) McAvoy Vitrified Brick Company R. Kimbel Colket	nome office

		(c) West Company	home office
	( 5	) Verification Message:	
		"This is <u>(name/title)</u> been notified that the emery Station has been terminated/	I would like to verify you have ency at the Limerick Generating reduced to"
	b. No	otification	
	(1	) Elected Officials	Telephone Time
		Herman A. John	home
		Lawrence Drake	home
		R. Kimbel Colket	nome
		Norman Vutz	home office
		Edward Stoeber	home office
	(2	) Special Facilities	
		(a) YMCA Baker Park	homeoffice
	(3	) Message:	
			. The emergency at the has been terminated/reduced to de instructions as appropriate.
17.	If the	EOC must be evacuated:	
		possible, wait until the munic	ipality has been evacuated before
	b. Se	cure the facility and proceed t	o alternate EUC.
		ternate EUC.	iaison Officer upon your arrival at
18.	Remark	s/Actions Taken:	

17.

### ANNEX C

### Implementing Procedure

### Fire Services\*

Fire	Services	Officer:	Albert McIntyre	
	A)	ternate:	(na	aine)

#### 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 Emeryency 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.
- 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.

# 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).
	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 EUC, Fire Services at 431-6160.  (time)
	d. Review remaining emergency procedures in the event of escalation.
	<ul> <li>Maintain Site Emergency status until notified of escalation, termination or reduction of classification.</li> </ul>
3.	If termination, collect dosimeters/KI from emergency workers, inventory, and prepare for return to County EUC.
4.	Remarks/Actions Taken: (time)

## 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).					
	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 EUC 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 EUC, Fire Services at 431-6160.  (time)					
	g. Proceed to Step 2.					
2.	If escalation from Alert or Site Emeryency, 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 EOC. (time)					
3.	Upon termination of emergency, collect dosimeters/KI from emergency workers, inventory, and prepare for return to County EUC.					
4.	(time) Remarks/Actions Taken:					

#### ROUTE ALERTING PROCEDURES

### I. 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. PURPUSE

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, priodically 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	e in the EUC.
Sector No. 68-B Alert Team: Valley	Forge Fire Department
Leader: *	
Assistant: *	
Transient Location:	None
Hearing Impaired: List are on file	e in the EOC.
Sector No. 68-C Alert Team: Valley	y Forge Fire Department
Leader: *	
Assistant: *	
Transient Location:	None
Hearing Impaired: List are on file	e in the EOC.
Sector No. 68-D Alert Team: Valle	y Forge Fire Department
Leader: *	
Assistant: *	
Transient Location:	None
Hearing Impaired: List are on fil	e in the EUC.

<sup>\*</sup>Route Alert Teams will be determined at the time of a incident based upon available manpower. Names are on file in Township EJC.

## 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 RequiredVehicles AvailableUnmet Needs2 Buses0 buses2 Buses5 Ambulances0 Ambulances5 Ambulances

BUROUGH OF SPRING CITY

CHESTER COUNTY

RADIOLOGICAL EMERGENCY RESPONSE PLAN

FOR INCIDENTS AT THE

LIMERICK GENERATING STATION

IMPLEMENTING PROCEDURES

APRIL 1984

Copy Number \_\_\_\_

Uraft 5 Rev 7/13/84

		Deputy	home	
			office	
		Fire Services Ufficer		
			home	
			office	
		Deputy	home	
			office	
		Ambulance Service Officer		
			home	
			office	
		Deputy	home	
			office	
		Have key staff report to EOC.		
3.	Ver	time that the following have been notified		
			Telephone	Time
	a.	Spring City Police Department		
	b.	Liberty Fire Company	=	1
	c.	Spring City Area Ambulance		
	d.	Spring Ford Rescue Squad		
	e.	Verification Message:		
		"This is <u>(name &amp; title)</u> . I would been notified that an incident classifi declared at the Limerick Generating Sta	cation of 'Alert' ha	you have s been
4.	Rep	port to and activate local Emergency Oper	rations Center (EOC).	
	a.	Activated. (time)		
	b.	County Municipal Liaison Officer notifi activation. (time)	ed of EUC	
	с.	Check communication systems for operabl		
		Satablian FOC accomits	(time)	
	d.	Establish EOC security. (time)		
	e.	Monitor EBS station WCOJ 1420 AM.	(time)	
	f.	Ensure Route Alert Teams have been mobi	1	
	g.	(time) If public alert system has been activatimpaired.	ted, notify hearing	
		(time)		

h. In the event of a siren failure receive notification from that appropriate route alert teams have been dispatched.					
	i. Verify the County has assigned an ARES unit to the Borough EOC.				
	j. Log all incoming message response. Post pertine	ges that provide information or require a ent information on status board.			
5.	Verify that the following h	nave been notified:			
	a. Major Industries	Telephone Time			
	Mingo Foundery	Merril Adams President			
	Spring City Foundery	Samuel Marcus President			
	La Salle Steel	Richard Treder General Manager			
	Valley Forge Flag Co.	Anna Marie Davis Manager			
	b. Verification Message:				
	have been notified that	tle) . I would like to verify that you tan incident classification of 'Alert' has imerick Generating Station."			
6.	Ensure ARES operator contacts the County ARES base upon arrival at the Borough EOC.				
7.	(time) 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		
		ation, accomplish appropriate to accomplish accomplish appropriate to accomplish accomplish appropriate to accomplish appropriate to accomplish accompl	propriate Implementing Procedure. If ne following:	
a.	Veri	fication:		
			Telephone Time	
	(1)	Spring City Police	Department	
	(2)	Liberty Fire Compan		
	(3)	Spring City Area Ambulance		
	(4)	Spring Ford Rescue Squad		
	(5)	Major Industries		
		Mingo Foundery	Merril Adams President	
		Spring City Founder	Samuel Marcus President	
		La Salle Steel	Richard Treder General Manager	
		Valley Forge Flag Co	Anna Marie Davis Manayer	
	(6)	Verification Message:		
		"This is <u>(name/title)</u> . 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.	Noti	fication:		
	(1)	Elected Officials	Telephone Time	
		Mayor: C. Neal McC	lellan home	
		Richard Latshaw	home	
		Harold Snaith	home	
		Eugene McVeigh	nome	

10.

	Earl Fries		home	_
	E. Shaner		home	
	Paul Kocher		nome	
	H. Blare Hipple		home	_
	Edwin Roussey		home office	
(2)	Message:			
	"This is Limerick Generat Unusual Event."	(name/title) ing Station has	emeryency at the ed/reduced to	

11. Remarks/Action Taken:

	U .	key scall	
		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 EUC.	
3.	Var	ti) rify that the following have been notifi	ine)
٠.	• • • •	Try chac the romowing have been notific	
	a.	Spring City Police Department	Telephone Time
	α.	Spring City Forrce Department	
	b.	Liberty Fire Company	
	с.	Spring City Area Ambulance	-
	d.	Spring Ford Rescue Squad	
	e.	Verification Message:	
		"This is <u>(name/title)</u> . I would been notified that a 'Site Emergency' Limerick Generating Station."	d like to verify that you have has been declared at the
4.	Rep	port to and activate the local Emergency	Operations Center
	a.	Activated(time)	
	b.		fied of EOC
		(time)	
	С.	Communication system checked for opera	(time)
	d.		
	e.	Monitor EBS station WCOJ 1420 AM.	
	٠.		(time)

	f.	Ensure Route Alert Team	s have been mobilized as necessary.
		(time)	
	g.	If the public alert sys impaired.	tem has been activated, notify hearing
		(time)	failure residue retification from the Court
	h.		failure receive notification from the County alert teams have been dispatched.
			(time)
	i.		es that provide information or require a nt information on status board.
	j.		ssigned an ARES unit to the Borough EUC.
		(time)	
5.		e additional emergency pration), or where needed	ersonnel report to the EUC (for 24-hour
6.		ure that appropriate EOC kers on standby status.	staff have placed their respective emergency
7	Ven		(time)
7.	Ver	ify that the following h	ave been notified:  Telephone Time
	a.	Major Industries	Te repriore
		Minyo Foundery	Merril Adams President
		Spring City Foundery	Samuel Marcus President
		La Salle Steel	Richard Treder General Manager
		Valley Forge Flag Co.	Anna Marie Davis
	D.	Verification Message:	
		been notified that an i	e) . I would like to verify that you have noident classification of 'Site Emeryency' e Limerick Generating Station."
8.	Ver	ify Resource Availabilit	y:
	inv	entories and have report	f have reviewed their respective resource ed deficiencies to their respective counter-rexample, the Municipal Fire Services  Fire Services Officer.  (time)
9.		kers.	r has distributed dosimeters/KI to emergency
10.	Rev	(time) iew road conditions with	EUC staff, i.e., there is no construction or
	oth	er activity which would	hinder movement of personnel or venicles

		a the area. Ensure are aware of any pr	
11.	Ensure Borough		(time) cts the County ARES base upon arrival at the
12.	Review		procedures in the event of escalation.
13.	Report		the County Municipal Liaison
14.	Maintai or redu		atus until notified of termination, escalation tion:
	a. Dat	e:	
	b. Tim	ne:	
	c. Sou	irce:	
	d. Dis	position:	
	(1)	Termination	
	(2)	Escalation	
	(3)	Reduction	
15.			appropriate Implementing Procedure. If f classification, notify/verify the following:
	a. Ver	ification:	
	(1)	Spring City Police	e Department Telephone Time
	(2)	Liberty Fire Comp	any
	(3)	Spring City Area	Ambulance
	(4)	Spring Ford Rescu	e Squad
	(5)	Major Industries	
		Mingo Foundery	Merril Adams President
		Spring City Found	Samuel Marcus President
		La Salle Steel	Richard Treder General Manager

		nna Marie Dav anager	is <u>948-49</u>	900_	
(6)	Verification Message:				
	"This is (name/tit been notified that the Station has been termi	emergency at	the Limer	to verify rick Genera	you have
Noti	fication				
(1)	Elected Officials		Telephor	ne	Time
	Mayor: C. Neal McClel	lan		home	
	Richard Latshaw			home	
	Harold Snaith			nome	
	Eugene McVeigh	_		home office	
	Earl Fries			home	
	E. Shaner			nome	
	Paul Kocher			home	
	H. Blare Hipple			home office	
	Edwin Roussey	-		home office	
(2)	Messaye:				
	"This is(name Limerick Generating St	/title) ation has bee	. The e	emeryency a ted/reduced	t the

16. Remarks/Actions Taken:

	b.	Key Staff		
		Police Service Officer		
			home office	
			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.		
2		(time)		
3.	ver	rify that the following have been notified:		
	a.		elephone Ti	ine
	b.	Liberty Fire Company		
	с.	Spring City Area Ambulance		
	d.	Spring Ford Rescue Squad		
	e.	Verification Message:		
		"This is <u>(name/title)</u> . I would like been notified that a 'General Emergency' has Limerick Generating Station. The recommended	been declared at t	ine
4.	Rep	port to and activate the local Emeryency Operat	ions Center.	
	a.	Activated (time)		
	b.	County Municipal Liaison Officer notified of activation.  (time)	EUC	
	c.	A	(time)	
	d.	Establish EOC security. (time)	(cime)	

	e.	Monitor EBS station WCC			
	+	Ensure Route Alert Team	(tim		
		Elisure Route Areit Teal	is have been mobilities	ed as necessary.	
		(time)			
	9.	Verify the County has a	issigned an ARES unit	to the Borough	EUC.
		(time)			
	h.	Log all incoming message response. Post pertine			ire a
5.		ure that all necessary e EUC, where needed, or t		ion.	
6.	Ver	ify that the following h	have been notified:	(time	
				Telephone	Time
	a.	Major Industries		rerephone	
		Mingo Foundery	Merril Adams President		-
		Spring City Foundery	Samuel Marcus President		
		La Salle Steel	Richard Treder General Manager		
		Valley Forge Flag Co.	Anna Marie Davis Manager		-
	b.	Verification Message:			
		"This is (name/titl been notified that a 'G Limerick Generating Sta		as been declared	at the
7.	Ver	rify Resource Availabilit	y:		
	inv	ure appropriate EOC statementories and have reported in the County EOC; for icer contacts County Fire	ed deficiencies to to rexample, the Munic	their respective	counter-
o	F	una Fina Sanuisaa Offica	distributed de	(time)	
8.		kers. (time)	er has distributed do	osimeters/KI to	emergency
9.	oth to/	riew road conditions with her activity which would from the area. Ensure to County are aware of any	hinder movement of p that the Medical/Amou	personnel or veh	icles
.0.	Ens	ure ARES operator contac	ts the County ARES t		1 at the

	RO	rough EUC.
11.	If	(time) sheltering is recommended:
	a.	When the public alert system has been activated, notify hearing impaired.
	b.	being given to the general population.
	с.	that appropriate route alert teams have been dispatched.
12.	If	evacuation is ordered: (time)
	a.	When the public alert system has been activated, notify hearing impaired.
	b.	(time)  Monitor EBS station WCOJ 1420 AM to ensure proper instructions are being given to the general public.  (time)
	с.	
	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.
	f.	(time) Advise County Municipal Liaison Officer of any additional unlet needs.  (time) (1)
		(2)
		(3)
	y.	Monitor evacuation process and report any problem areas to the County Municipal Liaison Officer.
		(1)
		(2)
		(3)
13.	Mai	ntain General Emergency status until:
	a.	Reduction of classification.
	D.	Termination of emergency. (time)

	c.	EUC	must be evacuated.	(time)		
14.	If ver	reductify t	ction of classification the following:		of emergency, not	ify/
	a.	. Verification:				
		(1)	Spring City Police	Department	Telephone	Time
		(2)	Liberty Fire Compar	ny		
		(3)	Spring City Area An	nbulance		
		(4)	Spring Ford Rescue	Squad		
		(5)	Major Industries			
			Mingo Foundery	Merril Adams President		
			Spring City Founder	Samuel Marcus President		
			La Salle Steel	Richard Treder General Manager		
			Valley Forge Flag (	Anna Marie Davis Manager		
		(6)	Verification Messag	e:		
			"This is(name/t been notified that Station has been te	the emergency at t	the Limerick Gener	you have acing
	b.	Noti	fy:			
					Telephone	Time
		(1)				
			Mayor: C. Neal McC	lellan	home	
			Richard Latshaw		home	_
			Harold Snaith	4	home	
			Eugene McVeigh	4	home office	
			Earl Fries		nome	

	E. Shaner	hoine
	Paul Kocher	home
	H. Blare Hipple	home
	Edwin Roussey	home office
(2)	Message:	
16 16 11	- Provi	The emergency at the has been terminated/reduced to de instructions as appropriate.
15. If the	EUC must be evacuated:	
a. If lea	possible, wait until the munic ving the EOC. (time)	ipality has been evacuated before
b. Sec Cou	ure the facility and proceed to	o alternate EOC located at Chester
c. Not	ify Chester County Municipal L ernate EUC located at Chester	iaison Officer upon your arrival at County Library, Exton.
	/Actions Taken:	(time)

#### 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.
- Maintain Alert status until notified of termination, escalation or reduction of classification.
- 5. Remarks/Actions Taken:

<sup>\*</sup>Note: This procedure has been modified to include Public Works Procedures.

# Police Services

# SITE EMERGENCY

The Police Services Ufficer shall:

1.	If this is the first notification received or if escalation from Unusu Event, then:
	a. Report to the EUC. (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 Folice Department Office.
	(time) b. Monitor weather conditions.
	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.
	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)

# Police Services

### GENERAL EMERGENCY

The Police Services Officer shall:

1.		this is the first notification received or if escalation from Unusuant, then:
	a.	Report to the EUC.
	b.	(time)  Mobilize additional police personnel and have them report to Police Department Office (reference Appendix B-1).
	с.	(time) 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
		(2) Public Works Officer (time)
	d.	Ensure police and public work emergency workers have been issued dosimeters-KI.
	e.	(time) Monitor weather conditions.
	f.	Proceed to Step 2. (time)
2.	Ste	escalation from Alert or Site Emergency, or if proceeding from p 1, then:
	a.	Mobilize public works equipment operators and have them report to public works garage.  (time)
	D.	If recommended protective action is <u>sheltering</u> ,
		(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 venicular patrols conditions permitting.  (time)
	с.	If recommended protective action is <u>evacuation</u> ,
		(1) Ensure Traffic Control Points are manned (reference Appendix B-2).
		(2) Be prepared to conduct road clearing operations as necessary.
		(time)

	(3) After population has evacuated, ensure police relocate to Uwchlan Township Building.
3.	Upon termination of emergency, have emergency workers return dosimeters/unused KI to Borough Fire Services Officer.
4	Remarks/Actions Taken:

#### ANNEX C

### Implementing Procedure

### Fire and Rescue Services\*

Fire Services Officer:

Alternate:

(name)

(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 Emeryency Management Coordinator, report to the EUC.  (time)
<ol> <li>Inventory dosimeters/KI and prepare for distribution; complete a Recei Form for Dosimetry - Survey Meters - KI (reference Appendix C- 5).</li> </ol>
(time)  3. If required, ensure mobilization of sufficient personnel to meet Route Alert Team requirements (reference Appendix C-2).
4. Review remaining emergency procedures in the event of escalation.

Maintain Alert status until notified of termination, escalation or

5.

6.

reduction of classification.

Remarks/Actions Taken:

<sup>\*</sup>Note: This procedure has been modified to included 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).
	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).
	b. Distribute dosimeters/KI to municipal emergency workers and EUC Staff (reference Appendix C-4); obtain a signed receipt (reference Appendix C-6).
	c. Ensure fire and rescue department emergency workers have been issued dosimeters/KI.
	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 Emeryency 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.
١.	Remarks/Actions Taken: (time)

# Fire and Rescue Services

# GENERAL EMERGENCY

The Fire and Rescue Services Officer shall:

	this is the first notification received or if escalation from Unusual ent, then:
a.	Report to the EUC.
b.	Ensure mobilization of sufficient personnel to meet Route Alert Team requirements (reference Appendix C-2).
с.	Mobilize additional fire and rescue personnel and have them report to Fire or Rescue Stations (reference Appendix C-1).
d.	Inventory dosimeters/KI and prepare for distribution; if applicable, complete a receipt form for Dosimetry-Survey Meters-KI (reference Appendix C-5).
e.	(time) Distribute dosimeters/KI to municipal emergency workers and EUC staff (reference Appendix C-4); obtain a signed receipt (reference Appendix C-6).
f.	Review fire and rescue personnel/equipment inventory (reference Appendix C-1), verify availability, and report unmet needs to County EUC, Fire and Rescue Services.
y.	Proceed to Step 2. (time)
If Ste	escalation from Alert or Site Emeryency, or if proceeding from p 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.
c.	(time) Relocate to alternate EOC.
	n termination of emergency, collect dosimeters/KI from emergency kers, inventory, and prepare for return to County EUC.
Rem	arks/Actions Taken: (time)

### 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. PURPUSE

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. PRUCEDURES

- 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. 63-8 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.

<sup>\*</sup>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:

Alternate:

NUSUA	AL EVENT				
	sponse required unless ambulance services are required at the Limerick sting Station.				
LERT					
he An	mbulance Services Officer shall:				
1.	Upon request of the Emergency Management Coordinator, report to the EUC.				
2.	(time) 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).				
4.	(time) Review remaining emergency procedures in the event of escalation.				
5.	Maintain Alert status until notified of termination, escalation or reduction of classification.				

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

Remarks/Actions Taken:

(name)

(name)

# Ambulance Services

# SITE EMERGENCY

	Contraction of	*	THE SECTION			*
The Ambul	lance	Servi	CSS	Utticer	shall	1:

ie /	AIIIO U I	ance Services Officer Shall;
		this is the first notification received or if escalation from Unusua ent, then:
	a.	Report to the EUC. (time)
	b.	Update the list of those individuals requiring special assistance i the event of evacuation (reference Appendix D-2).
		(1) Notify County Medical Coordinator of changes in the list of those individuals requiring ambulance support.
		(2) Notify County Transportation Officer of changes in the list of those individuals requiring special transportation support other than ambulance.
		(time)
	с.	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)
	Τ.	Proceed to Step 2.
2.	If	escalation from Alert or if proceeding from Step 1, then:
	a.	report to Ambulance Stations (reference Appendix D-1).
	b.	Review personnel/equipment inventory (reference Appendix D-1), verify availability, and report unmet needs to County Medical Coordinator.
	-	(time)
	٠.	Ensure ambulance emeryency workers have been issued dosimeters/KI.
	d.	(time) Review remaining emergency procedures in the event of escalation.
	e.	Maintain Site Emergency status until notified of termination, escalation, reduction of classification.
		termination of emergency, have emergency workers return
	dos	imeters/unused KI to Borough Fire Services Officer.
	Rem	arks/Actions Taken: (time)

# Ambulance Services

# GENERAL EMERGENCY

The Ambulance Services Officer shall:

	this is the first notification received or if escalation from Unusuant, then:
a.	Report to the EUC.
b.	Update the list of those individuals requiring special assistance the event of evacuation (reference Appendix D-2).
	(1) Notify County Medical Coordinator of changes in the list of those individuals requiring ambulance support.
	(2) Notify County Transportation Ufficer of changes in the list of those individuals requiring special transportation support other than ambulance.
с.	(time)  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 Office R.
d.	Mobilize additional ambulance personnel and have them report to Ambulance Station (reference Appendix D-1).
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.
y.	Ensure ambulance emergency workers have been issued dosimeters-KI.
h.	(time) Proceed to Step 2.
	escalation from Alert or Site Emeryency, or if proceeding from up 1, then:
a.	If recommended protective action is <u>evacuation</u> , 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.), excee. availability (reference Appendix D-4), notify the County Transportation Coordinator of additional requirements.

(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.

(5) Prepare a list of names and addresses of persons to be pickedup for each vehicle including ambulances.

(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 venicle alony with instruct ons 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. Emeryency workers need not accompany vehilces to reception facilities.

(7) After population has evacuated, ensure ambulance service relocates to Lionville Fire Department.

(8) Upon termination of emergency, have emergency workers return dosimeters/unused KI to Borough Fire Services Ufficer.

(time)

Remarks/Actions Taken: 3.

UWCHLAN TOWNSHIP

CHESTER COUNTY

RADIOLOGICAL EMERGENCY RESPONSE PLAN

FOR INCIDENTS AT THE

LIMERICK GENERATING STATION

MAY 1984

Copy Number \_\_\_\_

### 1. Municipal Emergency Workers

- a. When advised by the Chester County DES that a Site Emergency has been declared municipal emergency workers will be issued dosimeters and potassium iodide (KI), a radioprotective drug. A unit of dosimetry-KI contains the following:
  - \* one (1) CD V 730 or DCA-622 self-reading dosimeter having a scale of 0 to 20R.
  - \* one (1) CD V 742 self-reading dosimeter having a scale of 0 to 200R.
  - \* one (1) thermoluminescent dosimeter (TLD) which is a machine-read crystalline dosimeter mounted in a card.
  - \* one (1) Dosimetry-KI Report Form (reference Attachment K).
  - \* one (1) bottle containing a fourteen day supply of potassium iodide (KI) tablets.
- b. PEMA will supply, when available, the County DES with enough dosimeters and KI for designated emergency workers within its portion of the plume exposure pathway EPZ. These resources will be 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 Emeryency, 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). Emeryency 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. EUC

The EUC shall not be relocated.

# H. Training

- The Chester County DES is responsible for coordinating radiological emergency response training as outlined in Annex R of the County RERP.
- 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 Emcinturn, notifies municipal officials and key staff personnel.
- b. The EMC and key staff will report to the Municipal EJC. 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.
- 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.
- 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.

WARWICK TOWNSHIP

CHESTER COUNTY

RADIOLOGICAL EMERGENCY RESPONSE PLAN

FUR INCIDENTS AT THE

LIMERICK GENERATING STATION

APRIL 1984

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Draft 5 Rev 7/16/84

- \* 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 Emeryency, dosimeters and KI will be distributed to municipal emeryency response organizations identified in Attachment M. A signed receipt shall be obtained from each organization (reference Attachment L). Emeryency 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.
- 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 0 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.

WEST VINCENT TOWNSHIP

CHESTER COUNTY

RADIOLOGICAL EMERGENCY RESPONSE PLAN

FUR INCIDENTS AT THE

LIMERICK GENERATING STATION

APRIL 1984

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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 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.
- 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 personnel will be notified.
- j. The local EBS station, WCOJ 1420 AM will be monitored.
- k. Review municipal and County Radiological Emergency Response
- 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.
- Additional emergency response personnel will be mobilized, including full EUC staff.

#### 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

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

# 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, Village 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 EOC 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:
  - 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

CHARLESTOWN TOWNSHIP

CHESTER COUNTY

RADIOLOGICAL EMERGENCY RESPONSE PLAN

FOR INCIDENTS AT THE

LIMERICK GENERATING STATION

IMPLEMENTING PROCEDURES

21 -1

**APRIL 1984** 

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			elephone	Time
		East Whiteland Fire Department		
	b.	Verification Message:		
		"This is <u>(name &amp; title)</u> . I would like to been notified that an incident classification declared at the Limerick Generating Station."	of 'Alert' ha	
4.	Rep	port to and activate local Emergency Operations	Center (EUC).	
	a.	Activated(time)		
	b.	County Municipal Liaison Officer notified of 6160)	EUC activation	. (431-
	c.	(time) Check communication systems for operability.		
			(time)	
	d.	Establish EOC security.		
	e.	Monitor EBS station WCOJ 1420 AM.		
		(time)		
	f.	Ensure Route Alert Teams have been mobilized	as necessary.	
	g.	(time)  If public alert system has been activated, no impaired.  (time)	tify hearing	
	h.			
		(time)		
	1.	Loy all incoming messages that provide inform action. Post pertinent data on the status bo	ara.	
	j.	Verify the County has assigned an ARES unit t	o the EUC	
5.	Ver	rify that the following have been notified:		(time)
	a.	Schools	Telephone	Time
		Charlestown School Mrs. Phyllis Steingard Principal	offic	e
	b.	Verification Message:		
		"This is (name) . I would I have been notified that an incident classific been declared at the Limerick Generating State	ation of 'Aler	
6.	Not	ify the following:		

3. Verify that the following have been notified:

	(-) 5()(+(		Telephone	Time
a. Sp	ecial Facilities			
	erlestown Playhouse, c. Preschool	Elizabeth Stanorov Administrator	offic	e
Ма	ry Hill Rest Home	Nancy Wheeler	ofric	e
b. Me	ssaye:			
		'title) . An clared at the Limeric		
Not	te: This is provided are normally red	for informational puired.	urposes only. N	o actions
	ARES operator contactor al EOC. (time)	tts the County ARES b	ase upon arrival	at
Review		procedures in the eve	ent of escalatio	n.
Report 6160).	all unmet needs to t	the County Municipal	Liaison Officer	(431-
	in Alert status until ion of classification	notified of termina	tion, escalation	or
a. Dat	:e:			
b. Tim	ne:			
c. Sou	irce:			
d. Dis	sposition			
(1)	Termination			
(2)	Escalation			
(3)	Reduction			
		ppropriate Implement		
a. Ver	rification			
(1)	East Whiteland Fir	e Department	Telephone	Time
(2)	Schools			
		. Phyllis Steingard	Office	,

7.

8.

9.

10.

11.

	(3)	Verification Message:	
		"This is (name) . I have been notified that the emerge Generating Station has been terming Event."	ency at the Limerick
b.	Noti	ification:	
	(1)	Elected Officials	Telephone Time
		(a) John Garvin	home office
		(b) John C. Martin, Jr.	home office
		(c) William W. Buckwalter	home office
	(2)	Special Facilities	
		Charlestown Playhouse, Inc. Presch Elizabeth Stand Administrator	
		Mary Hill Rest Home Nancy Wheeler	office
	(3)	Message:	
		"This is (name/title) Limerick Generating Station has be Unusual Event."	

12. Remarks/Actions Taken:

		Deputy	(name)	home	
				office	
		Have key staff re	eport to EOC.		
3.	Ver	ify that the follo	ti wing have been notif	ne)	
	a.	East Whiteland Fi	re Department	Telephone	Time
	D.	Verification Mess	saye:		
		"This is (	name) . I wou	ld like to verify th	at you hav
			it a 'Site Emergency'	has been declared a	t the
4.	Кер	ort to and activat	e the local Emergenc	y Operations Center	
	a.	Activated			
	b.		me) Liaison Officer noti	fied of EUC activation	on
	c.	Communications sy	(time) stem checked for ope		
	d.	Establish EJC sec	urity.	(time)	
	e.	Monitor EBS stati	on WCOJ 1420 AM.		
	f.	Ensure Route Aler	t Teams have been mol	(time) pilized as necessary	
		(time)			
	g.	impaired.	rt system has been a	ctivated, notify hear	ring
	h.	In the event of a	ime) siren failure, rece priate Route Alert To		
	i.	(time) Log all messages pertinent data on			on. Post
	j.	Verify the County	has assigned an ARES	ine) S unit to the EOC	(-1>
5.		e additional emerg ration), or where	ency personnel report needed.	to the EUC (for 24-	(time)
6.		ure that appropria kers on standby st		aced their respective	emeryency
7.	Ver	ify that the follo	(time) wing have been notifi	ed:	
				Telephone	Time
	a.	Schools			

		Charlestown School Mrs. Phyllis Steingard Principal
	b.	Verification Message:
		"This is <u>(name/title)</u> . 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.	Not	ify the following:
	a.	Special Facilities Telephone Time
		Charlestown Playhouse, Elizabeth Stanorov Office
		Mary Hill Rest Home Nancy Wheeleroffice
	b.	Message:
		"This is (name/title) . An incident classification of 'Site Emeryency' has been declared at the Limerick Generating Station." (Provide appropriate instructions as necessary.)
9.	Ver	ify Resource Availability:
	part Off	ure appropriate EOC staff have reviewed their respective resource entories and have reported deficiencies to their respective counterts in the County EOC; for example, the Municipal Transportation icer contacts the County Transportation Officer.  (time)
10.		ure Fire Services Officer has distributed dosimeters/KI to emeryency kers. (time)
11.	othe	iew road conditions with EOC staff, i.e., there is no construction or er activity which would hinder movement of personnel or vehicles from the area. Ensure that the Transportation Officer and the County lic Works Officer are aware of any problem areas.  (time)
12.		icipal EOC. (time)
13.		a protective action is recommended, ensure access control points are ned
14.	Repo 6160	ort all unmet needs to the County Municipal Liaison Officer (431-
15.	Rev	iew remaining emergency procedures in the event of escalation.
16.		ntain Site Emergency status until notified of termination, alation, or reduction of classification:
	a.	Date:
	b.	Time:

		Deputy	(name)	home office	
		Have key staff r	report to EUC. (ti	ine)	
3.	Ver	ify that the foll	owing have been notif		
	a.	East Whiteland F	ire Department	Telephone	Time
	D.	Verification Mes	saye:		
		been notified th	mme/title) . I wou lat a 'General Emergen ling Station. The rec	cy' has been declared	at the
4.	Rep	ort to and activa	te the local Emergenc	y Operations Center.	
	a.	Activated			
	b.	County Municipal (431-6160).	(time) Liaison Officer noti	fied of EUC activatio	n
	c.	Communications s	(time) system checked for ope	rability.	
	d.	Establish EOC se	curity	(time)	
	e.	Monitor EBS stat	ion WCOJ 1420 AM.	/ai>	
	f.	Ensure Route Ale	rt Teams have been mo		
	9.	Log all messayes pertinent data o	which provide inform n status board.		on. Post
	n.	Verify the Count	y has assigned an ARE	(time) S unit to the EOC	(time)
5.			essary emergency respond ed, or to pre-assigned		ported to
6.	Ver	ify that the foll	owing have been notif		
	a.	Schools		Telephone	Time
		Charlestown Scho	ol Mrs. Phyllis Stei Principal	nyardoffi	ce
	D.	Verification Mes	saye:		
		been notified th	me/title) . I would at a 'General Emergencing Station. The rec	cy' has been declared	at the

				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, been declared at the L' protective action is			
		Note: If a protective them to tune to	action has not yet be the EBS station.	en determined, i	nstruct
8.	Ver	ify Resource Availabilit	ty:		
	inv	ure appropriate EUC state entories and have report ts in the County EUC; fo icer contacts County Tra	ted deficiencies to th or example, the Munici	pal Transportati	ounter-
9.	Ensure Fire Services Officer has distributed dosimeters/KI to emeryency workers and EOC staff.				eryency
10.	(time) Review road conditions with EUC staff, i.e., there is no construction o other activity which would hinder movement of personnel or venicles to/from the area. Ensure that the Transportation Officer and the Count Public Works Officer are aware of any problem areas.				
11.	Fnsi	ure the ARES operator co	ontacts the County AKE	(time) S base upon arri	val at
		icipal EOC. (time)			
12.	Кер	ort unmet needs to the C	County Municipal Liais	on Ufficer (431-	6160).
13.	If :	sheltering is recommende	ed:		
	a.	When the public alert s impaired. (time)	system has been activa	ted, notify hear	iny
	b.	Monitor EBS station to the general population.		tion are being	given to
	с.	In the event of a siren County that appropriate	failure, receive not		
	1	(time)			
	d.	Ensure increased securi	ty measures have been		7 \
	e.	Ensure Access Control P	oints are manned.	(5	ime)

7. Notify the following:

	a.	When the public alert system has been activated, notify nearing impaired(time)
	b.	Monitor EBS station to ensure proper instructions are being given to the general public.  (time)
	с.	In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched.
	d.	(time) Ensure Access Control Points have been manned (reference Appendix A-1).  (time)
	e.	[1] 보고 IV (I.S.) - 프리카일 열차 시민이 보고 있는 1일 H.
	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.
	y.	Be prepared to conduct road clearing operations, as necessary.
	3.	
	h.	(time) Advise County Municipal Liaison Officer of any additional unmet needs (431-6160).
		(1)(time)
		(2)
		(3)
	1.	Monitor evacuation process and report any problem areas to the County Municipal Liaison Officer (431-6160).
		(1)(time)
		(2)
		(3)
5.	Mai	ntain General Emergency status until:
	a.	Reduction of classification.
	b.	Termination of emergency. (time)
	с.	EUC must be evacuated. (time)
6.	If ver	reduction of classification or termination of emergency, notify/ ify the following:

14. If evacuation is ordered:

### TRAFFIC CUNTRUL PUINTS

Post Number	Location	Responsible Police Oryanization	# Officers Assigned
44	Route 29 & Charlestown Road	State Police	2
Charlestown-1	Route 401 & Valley Hill Road Route 29 & South Whitehorse Road	Township State Police	2

## ACCESS CONTROL PUINTS

Post Number	Location	Responsible Police Oryanization	# Ufficers Assigned
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

- 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).
- 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:

<sup>\*</sup>Note: This procedure has been modified to include Radiological procedures.

### Fire Services

# SITE EMERGENCY

	The Services of the Share.
1.	If this is the first notification received or if escalation from Unusua 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).
	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)
1.	Remarks/Actions Taken:

### Fire Services

#### GENERAL EMERGENCY

1.		this is the first notification received or if escalation from Unusuant, then:
	a.	Report to the EUC. (time)
	b.	Ensure mobilization of sufficient personnel to meet Route Alert Tearequirements and make assignments to vehicles (reference Appendix B-2).
	с.	Inventory dosimeters/KI and prepare for distribution; complete a Receipt Form for Dosimetry-Survey Meters-KI (reference Appendix 8-4).
	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).
	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.		escalation from Alert or Site Emeryency, or if proceeding from 1, then:
	a.	Monitor route alerting, if required, and support as necessary.
	b.	(time) Inform County EOC upon completion of all route alertiny in municipality.  (time)
	с.	Relocate to alternate EOC.
3.		termination, collect dosimeters and unused KI from emergency workers prepare for return to County.
4.	Rema	arks/Actions Taken: (time)

EAST COVENTRY TOWNSHIP

CHESTER COUNTY

RADIOLOGICAL EMERGENCY RESPONSE PLAN

FOR INCIDENTS AT THE

LIMERICK GENERATING STATION

IMPLEMENTING PROCEDURES

APRIL 1984

Copy Number \_\_\_\_

### Implementing Procedure

## Emergency Management Coordinator

1.	Doc	umen	t:		
	a.	Date	e:		
	D.	Time	e:		
	с.	Sour	rce:		
	d.	Deta	ails:		
2.	Not	ify:			
	a.	Elec	cted Officials	Telephone	Time
		(1)	Ronald F. Elliott	home office	
		(2)	Robert J. Meyay	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	

			Tereunone	Time
	a.	Police Department		
	b.	Fire Department	<b>ENGIN</b>	
	c.	Verification Message:		
		"This is <u>(name &amp; title)</u> . I would like been notified that an incident classificatio declared at the Limerick Generating Station.	n of 'Alert' ha	you have s been
١.	Rep	port to and activate local Emergency Operation	s Center (EOC).	
	a.	Activated(time)		
	b.	County Municipal Liaison Officer notified of 6160) (time)	EUC activation	. (431-
	с.	Check communication systems for operability.		
	d.	Establish EOC security.	(time)	
	e.	Monitor EBS station WCOJ 1420 AM.		
	f.	Ensure Route Alert Teams have been mobilized		
	g.	(time)  If public alert system has been activated, n impaired.	otify hearing	
	h.	County that appropriate Route Alert Teams ha	ve been dispato	hed.
		action. Post all pertinent data on the stat	us board.	
	Ver	rify that the following have been notified:	(6)	me)
	a.	Schools	Telephone	Time
		(1) East Coventry Kenneth Smart Elementry Sch.	offic	e
	b.	Nursing Home		
		(1) Manatawny Manor		-
	c.	Verification Message:		
		"This is (name/title) . I woul you have been notified that an incident class	sification of '	y that Alert'
		has been declared at the Limerick Generating	Station."	

0.		time)	base upon arriv	ai ac	
7.	Review remaining emergency procedures in the event of escalation.				
8.	Report all unmet needs to the County Municipal Liaison Officer (431-6160).				
9.		in Alert status until notified of termi ion of classification:	nation, escalati	(time) on or	
	a. Dat	:e:			
	b. Tin	ne:			
	c. Sou	irce:			
	d. Dis	sposition			
	(1)	Termination			
	(2)	Escalation			
	(3)	Reduction			
10.		alation, accomplish appropriate Implemention, verify/notify the following:	nting Procedure.	If	
	a. Ver	rification:	Telephone	Time	
	(1)	Police Department			
	(2)	Fire Department	<b>CANDON</b>	×	
	(3)	Schools			
		(a) East Coventry Elementary School Kenneth Smart	home		
	(4)	Nursiny Home			
		(a) Manatawny Manor			
	(5)	Verification Message:			
		"This is <u>(name/title)</u> . I won have been notified that the emergency ing Station has been terminated/reduced."	at the Limerica	Generat-	
	b. Not	ification:			
			Telephone	Time	

- (a) Ronald F. Elliott

  (b) Robert J. Megay

  (c) Douglas E. Kulp

  home

  office

  home

  office
- (2) Message:

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

11. Remarks/Actions Taken:

#### Implementiny 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:

a.	Date:	
D.	Time:	
c.	Source:	
d.	Details:	
Not	ify:	
a.	Elected Officials	Telephone Time
	(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 nome office
	(2) Transportation Officer (Name)	home office
	Or Deputy (Name)	home office

			Telephone	Time
	a.	Police Department		
	b.	Fire Department		
	c.	Verification Message:		
		"This is <u>(name/title)</u> . I would have been notified that a 'Site Emergency Limerick Generating Station."	d like to verify th y' has been declare	at you d at the
4.	Rep	port to and activate the local Emergency U	perations Center	
	a.	Activated		
	b.	(time) County Municipal Liaison Officer notified 6160).	d of EUC activation	(431-
	c.	(time) Communications system checked for operab	ility.	
	d.	Establish EOC security.	(time)	
	e.	Monitor EBS station WCUJ 1420 AM.	time)	
	f.	Ensure Route Alert Teams have been mobil	ized. (time)	
	g.	If the public alert system has been acti impaired. (time)		ny
	h.	In the event of a siren failure, receive County that appropriate Route Alert Team	notification from s have been dispato	the hed.
	i.	(time) Loy all messages that provide information pertinent data on status board.	n or require action	. Post
5.		(time) ve additional emergency personnel report teration), or where needed.	o the EUC (for 24-h	iour
6.		sure that appropriate EOC staff have place kers on standby status.  (time)	d their respective	emergency
7.	Ver	rify that the following have been notified	:	
			Telephone	Time
	a.	Schools		
		(1) East Coventry Kenneth Smart Elementry Sch.	home	

3. Verify that the following have been notified:

	b. Nursing home				
	(1) Manatawny Manor				
	c. Verification Message:				
	"This is <u>(name/title)</u> . I we you have been notified that an incident continued that an incident continued that the Limer than incident continued that the Limer than the L	lassification of 'Site			
8.	Verify Resource Availability:				
	Ensure appropriate EUC staff have reviewed the inventories and have reported deficiencies to parts in the County EUC; for example, the Mun Officer contacts the County Transportation Officer	their respective counter- icipal Transportation ficer.			
9.	Ensure Fire Services Officer has distributed of workers.	(time) dosimeters/KI to emergency			
10.	(time)  Review road conditions with EUC staff, i.e., to other activity which would hinder movement of to/from the area. Ensure that the Transportationer aware of any problem areas.	personnel or vehicles			
11.	Ensure ARES operator contacts the County ARES Municipal EUC.	(time)  Ensure ARES operator contacts the County ARES base upon arrival at the Municipal EOC.			
12.	(time) Review remaining emergency procedures in the event of escalation.				
13.	Maintain Site Emergency status until notified escalation, or reduction of classification:	of termination,			
	a. Date:				
	b. Time:				
	c. Source:				
	d. Disposition:				
	(1) Termination				
	(2) Escalation				
	(3) Reduction				
14.	If escalation, accomplish appropriate Implementermination or reduction of classification, no				
	a. Verification:				
		Telephone Time			
	(1) Police Department				

	(2)	Fire Department
	(3)	Schools
		(a) East Coventry Elementary School Kenneth Smart
	(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.	Noti	fication
	(1)	Elected Officials Telephone Time
		(a) Ronald F. Elliott home
		(b) Robert J. Megay home
		(c) Douglas E. Kulp home
	(2)	Message:
		"This is <u>(name/title)</u> . The emergency at the Limerick Generating Station has been terminated/reduced to
		***************************************

15. Remarks/Actions Taken:

		Telephone Time
	a.	Police Department
	b.	Fire Department
	c.	Verification Message:
		"This is <u>(name/title)</u> . 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.	Rep	ort to and activate the local Emergency Operations Center.
	a.	Activated(time)
	b.	County Municipal Liaison Officer notified of EUC activation (431-6160).
	с.	(time) Communications system checked for operability.
		(time)
	d.	Establish EUC security.
	e.	Monitor EBS station WCOJ 1420 AM.
	f.	Ensure Route Alert Teams have been mobilized.
	y.	(time) Log all messayes which provide information or require action. Post pertinent data on status board.
5.		(time) ure that all necessary emergency response personnel have reported to EUC, where needed, or to pre-assigned location.
		(time)
6.	Ver	ify that the following have been notified:
	a.	Telephone Time Schools
		(1) East Coventry Kenneth Smart home Elementry Sch.
	b.	Nursing Home
		(1) Manatawny Manor
	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

3. Verify that the following have been notified:

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)  Ensure Fire Services Officer has distributed dosimeters/KI to emergency
inventories and have reported deficiencies to their respective counterparts in the County EJC; for example, the Municipal Transportation Officer contacts County Transportation Officer.  (time)
workers and EUC staff. (time)
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.
Ensure ARES operator contacts the County ARES base upon arrival at Municipal EUC.
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.
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).
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)

Limerick Generating Station. The recommended protective action is

1. 00	prepared to conduct road crearing operations as necessary.	
	eds (431-6160).	
(1		
	unty Municipal Liaison Officer (431-6160).	
(1		
	<u> </u>	
a. Re		
b. Te	rmination of emergency.	
c. EU	C must be evacuated.	
	uction of classification or termination of emergency,	
a. Ve	rification:	
	Telephone Tim	e
(1	) Police Department	
(2	) Fire Department	
(3	Schools	
	Kenneth Smart home	
(4	Nursing Home	
	(a) Manatawny Manor	
(5	Verification Message:	
		- "
	g. Add ne (1 (2 (3 h. Mo Co Co (1 (2 (3 Mainta a. Re b. Te c. EO) If red notify a. Ve (1 (2 (3 (3 )	(time)  g. Advise County Municipal Liaison Officer of any additional unmet needs (431-6160).  (1)  (2)  (3)  h. Monitor evacuation process and report any problem areas to the County Municipal Liaison Officer (431-6160).  (1)  (2)  (3)  Maintain General Emeryency status until:  a. Reduction of classification.  (time)  b. Termination of emeryency.  (time)  C. EUC must be evacuated.  (time)  If reduction of classification or termination of emergency, notify/verify notification of the following:  a. Verification:  Telepnone  Tim  (1) Police Department  (2) Fire Department  (3) Schools  (a) East Coventry Elementary School Kenneth Smart  (4) Nursing Home  (a) Manatawny Manor  (5) Verification Message:

	-	A 150. W.		
D.	NOT	7 7 7	P 3+	ion
U .	1400		Lat	. 1 (211

	(1)	Elected Officials	rerephone	Time
		(a) Ronald F. Elliott	home office	
		(b) Robert J. Megay	home office	
		(c) Douglas E. Kulp	home	
	(2)	Message:		
		Limerick Generating Station has	. The emergency been terminated/reduced estructions as appropriat	to
15.	If the E	OC must be evacuated:		
		ossible, wait until the municipal	ity has been evacuated b	efore
	b. Secu	re the facility and proceed to al		
	c. Noti	fy Chester County upon your arriv	(time)	
6.	Remarks/	Actions Taken:		

#### ANNEX B

#### Implementing Procedure

#### Fire Services\*

Fire	Services	Officer:	Carl	Shaffer
	Al	ternate:	Russe	l Kolo

#### UNUSUAL EVENT

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

#### ALERT

- 1. Upon request of Emeryency 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).
- 5. Review remaining emergency procedures in the event of escalation.
- Maintain Alert status until notified of termination, escalation or reduction of classification.
- 7. Remarks/Actions Taken:

<sup>\*</sup>Note: This procedure has been modified to include Radiological procedures.

## Fire Services

### SITE EMERGENCY

1.	If this is the first notification received or if escalation from Unusua 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).
	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).
	<ul> <li>Distribute dosimeters/KI to municipal emergency workers (reference Appendix B-3); obtain a signed receipt (reference Appendix B-5).</li> </ul>
	(time)
	c. Ensure Fire Department Emergency workers have been issued dosi- meters/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 F	ire	Service	es	Uffi	cer	shall	:
-------	-----	---------	----	------	-----	-------	---

1.		If this is the first notification received or if escalation from Unusua Event, then:			
	a.	Report to the EUC. (time)			
	b.	Ensure mobilization of sufficient personnel to meet Route Alert Tearequirements and make assignments to vehicles (reference Appendix 8 2).			
	с.	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).			
	e.	(time) 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 EUC, Fire Services at 431-6160.			
	h.	Proceed to Step 2. (time)			
2.		escalation from Alert or Site Emergency, or if proceeding from p 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)			
	с.	If evacuation is ordered, after population has relocated, ensure that Fire Department relocates to Elverson Fire Company.  (time)			
	d.	Relocate to alternate EUC. (time)			
3.		termination, collect dosimeters and unused KI from emergency workers prepare for return to County.  (time)			
	Rem	arks/Actions Taken:			

### RUUTE ALERT TEAMS

Sector No. 1 Alert Team:		Fire	Department
Leader:			
Assistant:			
Transient Location(s):	(TBU)		
Hearing Impaired: List will be on	file in the EOC.		
Sector No. 2 Alert Team:		Fire	Department
Leader:			
Assistant:			
Transient Location(s):	(TBO)		
Hearing Impaired: List will be on	file in the EOC.		
Sector Nc. 3 Alert Team:		Fire	Department
Leader:			
Assistant:			
Transient Location(s):	(TBD)		
Hearing Impaired: List will be on	file in the EUC.		
Sector No. 4 Alert Team:		Fire	Department
Leader:			
Assistant:			
Transient Location(s):	(TBU)	*	
Hearing Impaired: List will be on	file in the 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.

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 PRUCEDURES

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### Implementing Procedure

## Emergency Management Coordinator

00	cument:	
a.	Date:	
D.	Time:	
с.	Source:	
d.	Details:	
No	tify:	
a.	Elected Officials	Telephone Time
	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	home office
	Deputy	home office
	Radiological Officer Jane Raser or	home office
	Deputy	home office
	Have key staff report to EUC.	

	(time)
	and the state of t
	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)
	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.	Notify the following:
	그러워 가게 되었다면서 그 회사에 가장 가장 가장하는 것 같아 가장에 되었다고 하셨다.
	Telephone Time
	a. Special Facilities
	Camphill School
	1st Bernard Wolf. Program Coordinator 1 home
	ffice
	2nd Nick Stanton, Administrator
	Cottage
	b. Message:
	아이지 아이들이 하지 않아 나와 있다니다 하고 하는데 그리고 있다고 있다고 있다고 있다고 있다.
	"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.
1715	
8.	Maintain Alert status until notified of termination, escalation or
31	reduction of classification:

	b.	Time:		
	c.	Source:		
	d.	Disposition		
		(1) Termination		
		(2) Escalation		
		(3) Reduction		
9.	If ter	escalation, accomplish appropriate Implementing rmination or reduction of classification, notif	y Procedures. y the following	If :
	a.	at the state of th	ephone	Time
		Nicholas Tkaczuk	nome	
		C. Ray Loomis	home office	
		T. Kenneth Emery	nome office	
	à.	Special Facilities		
		Camphill School 1st Bernard Wolf, Program Coordinator	home	
		2nd Nick Stanton, Administrator Cottage		
	с.	Message:		
		"This is <u>(name/title)</u> . The e Limerick Generating Station has been terminat Event."	mergency at the ed/reduced to U	nusual

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:								
	D.	Time:								
	с.	Source:								
	d.	Oetails:								
2.	Not	ify:								
	a.	Elected Officials	Telephone	Time						
		Nicholas Tkaczuk	nome office							
		C. Ray Loomis	nome							
		T. Kenneth Emery	nome							
	D.	Key Staff								
		Deputy Coordinator Ann Perry	nome							
		Communications Officer Harry Burnett	nome	***********						
		Deputy	home office							
		Radiological Officer Jane Raser or	home							
		Deputy	home							

		Public Works Officer	home	
		C. Ray Loomis	office	
		Deputy	office	
		Have key staff report to EOC.		
3.	Rep	(time) port to and activate the local Emergency Ope	erations Center	
	a.	Activated(time)		
1	b.	(time) County Municipal Liaison Officer notified 6160)	of EUC activation	1.(431-
	c.	(time) Communications system checked for operabi	lity	
	d.	Establish EUC security. (time)	(time)	
	e.	Monitor EBS station WCUJ 1420 AM.	<u></u>	
	f.	Ensure Route Alert Teams have been mobilized	ime) zed as necessary.	
		(time)		
1	g.	If the public alert system has been active impaired.  (time)	ated, notify heari	ny
1	h.			
	i.	(time) Log all incoming messages that provide intresponse. Post pertinent data on status to		re a
4.		ve additional emergency personnel report to eration), or where needed.	the EOC (for 24-h	our
5.		sure that appropriate EOC staff have placed kers on standby status.	their respective	emergency
6.	Not	(time)		
			Talanhana	Time
	a.	Special Facilities	Telephone	Time
		Campnill School		
		1st Bernard Wolf, Program Coordinate	or home	-
		2nd Nick Stanton, Administrator Cottage		
	b.	Message:		
		"This is (name/title) . An	incident classif	ication
		of 'Site Emergency' has been declared at t		

Station." (Provide appropriate instructions as necessary.)

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)  Ensure Public Works Officer has distributed dosimeters/KI to emergency workers and EUC staff.  (time)
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 Ufficer and the County Public Works Ufficer are aware of any problem areas.  (time)
Ensure ARES operator contacts the County ARES base upon arrival at the Township EOC. (time)
Report all unmet needs to the County Municipal Liaison Officer (431-6160)
(time) Review remaining emergency procedures in the event of escalation.
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
If escalation, accomplish appropriate Implementing Procedure. If termination or reduction of classification, notify the following:
Telephone Time
a. Elected Officials
Nicholas Tkaczuk nome office
C. Ray Loomis home office

A-7

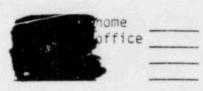
T. Kenneth Emery

-		nome	
		office	

b. Special Facilities

Camphili School
1st Bernard Wolf, Program Coordinator

2nd Nick Stanton, Administrator Cottage



c. Message:

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

## Implementing Procedure

## Emeryency 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.	Not	ify:								
	a.	Elected Officials	Telephone	Time						
		Nicholas Tkaczuk	home							
		C. Ray Loomis	home office							
		T. Kenneth Emery	home							
	D.	Key Staff								
		Deputy Coordinator Ann Perry	home							
		Communications Officer Harry Burnett	nome							
		Deputy	home office							
		Radiological Officer Jane Raser or	home							
		Deputy	home							

	Public Works Officer home
	C. Ray Loomis office
	Deputyoffice
	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.
	f. Ensure Route Alert Teams have been mobilized as necessary.
	(time)
	y. 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.
5.	Notify the following: (time)
	Telephone Time
	a. Special Facilities
	Camphill School
	1st Bernard Wolf, Program Coordinator office
	2nd Nick Stanton, Administrator Cottage
	b. Message:
	"This is (name/title) A 'General Emeryency' 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

	parts in the County EOC; for example, the Township Communications Officer contacts County Communications Officer.
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 EUC. (time)
11.	Report all unmet needs to the County Municipal Liaison Officer (431-6160).
12.	(time) If sheltering is recommended:
12.	It shertering 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
	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)
	<ul> <li>f. Advise County Municipal Liaison Officer of any additional unmet needs. (431-6160)</li> </ul>
	(1)
	(2)

		(3)	
	g.	Monitor evacuation process and report a County Municipal Liaison Officer	any problem areas to the
		(1)	(crine)
		(2)	
		(3)	
14.	Mai	ntain General Emeryency status until:	
	a.	Reduction of classification.	
	b.	Termination of emergency. (time	2)
		(time)	
	٠.	EUC must be evacuated. (time)	
15.		reduction of classification or terminati lowing:	ion of emergency, notify the
		Floated Officials	Telephone Time
	a.	Elected Officials	
		Nicholas Tkaczuk	nome office
		C. Ray Loomis	home office
		T. Kenneth Emery	home office
	a.	Special Facilities	
		Camphill School 1st Bernard Wolf, Program Coordin	nator nome
		2nd Nick Stanton, Administrator Cottage	bffice
	c.	Message:	
		"This is <u>(name/title)</u> . Limerick Generating Station has been te	

- a. If possible, wait until the municipality has been evacuated before leaving the EJC.
- b. Secure the facility and proceed to alternate EUC.

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

(time)

#### ANNEX C

### Implementing Procedure

#### Public Works\*

Public	Works	Officer:	C. Ray Loom	is
	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.
- 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:

а.	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)
с.	Contact Communications Services Officer to obtain list of those individuals who require specialized transportation (other than ambulance).  (time)
d.	
e.	Proceed to Step 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.
с.	Maintain Site Emergency status until notified of termination, escalation or reduction of classification.

# Public Works

## GENERAL EMERGENCY

ne	Publi	ic Wor	ks Officer snall:				
1.		this ent, t	is the first notification received or if escalation from Unusua hen:				
	a.	Repo	rt to the EUC. (time)				
	b.	tran	te the list of those individuals who do not normally have sportation available 24-hours a day (reference Appendix C-2).				
	c.	Contindi	(time) act the Communication Officer to obtain a list of those viduals who require specialized transportation (other than lances).				
	d.	Moni	(time) tor weather conditions.				
			(time)				
	e.	Proc	eed to Step 2.				
2 .		escal	ation from Alert or Site Emergency, or if proceeding from then:				
	a.	If recommended protective action is <u>sheltering</u> , no further action i required.					
	b.	If re	ecommended protective action is <u>evacuation</u> , then:				
		(1)	Be prepared to conduct road clearing operations as necessary.				
		(2)	(time) 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.				
		(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.				
	с.		(time) are a list of names and addresses of persons to be pick-up for vehicle including ambulances.  (time)				
	d	Hoon	the arrival of vehicles at the municipal transportation stauin				

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)

#### ANNEX U

### Implementing Procedure

### Radiological

Public	Works Ut	fficer:	Jane	Raser
	Alte	ernate:		

#### UNUSUAL EVENT

No response required.

### ALERT

The Radiological Officer small:

- 1. Upon notification, report to the EOC. (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] [1] [1] [1] [1] [1] [1] [1] [1] [1]
1.	If this is the first notification received or if escalation from Unusual Event, then:
	a. Report to the EUC. (time)
	<ul> <li>Inventory dosimeters/KI and prepare for distribution; complete a Receipt Form for Dosimetry-Survey Meters-KI. (reference Appendix U-2).</li> </ul>
	(time) c. Proceed to Step 2.
2.	If escalation from Alert or if proceeding from Step 1, then:
	<ul> <li>Distribute dosimeters/KI to municipal emergency workers and EUC Staff (reference D-1); obtain a signed receipt (reference Appendix D-3).</li> </ul>
	(time) b. Review remaining emergency procedures in the event of escalation.
	<ul> <li>Maintain Site Emeryency status until notified of termination, escalation or reduction of classification.</li> </ul>
3.	If temination, collect dosimeters/KI from emergency workers, inventory, and prepare for return to County EOC.

## Radiological

#### GENERAL EMERGENCY

The Radiological Officer shall:

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

a. Report to the EOC.

- 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 EUC 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)
 Upon termination of emergency, collect dosimeters/KI from emergency workers, inventory, and prepare for return to County EJC.

### MUNICIPAL DUSIMETRY-KI LIST

	AGENCY	NUMBER OF	EMERGENCY	WURKERS
Α.	Emergency Management Agency			
	East Nantmeal Township Route 401 & Font Road Glenmore, PA		12	
В.	Public Works			
	East Nantmeal Township Route 401 & Font Road Glenmore, PA		8	
	Total Units of Dosimetry-KI R	equired	20	

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.	6160)
	(time)
с.	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.
g.	(time)  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.	(time) Loy all messages that provide information or require action. Post pertinent data on status board.
Ver	ify that the following have been notified:
	Telephone Time
a.	Schools
	(1) East Pikeland Elementary Jeffrey Hohman Principal nome Office
	(2) St. Basil's Sister Patricia Wickenkerse: Principal Office
b.	Major Industries
	(1) Monsey Products office
	(2) Cromby Power Plantoffice
	(3) Pierce-Stevens office
	(4) WATPRUoffice
	(5) Royersford Foundry office
	(6) Roberts Meatpackingoffice
с.	Verification Message:
	"This is (name/title) . I would like to verify that you have been notified that an incident classification of 'Alert' has

5.

been declared at the Limerick Generating Station."

6.	Notify the following:		
	a. Special Facilities	elephone	Time
	Phoenix-Kimberton Mail	oft	ice
	Zion's Lutheran Church Day Care	hom	e
	Camp Council	off	ice
	b. Message:		
	"This is (name/title) . An inci- of 'Alert' has been declared at the Limerick Ge	dent class nerating S	ification tation."
	Note: This is provided for informational purpo are normally required.	ses only.	No actions
7.	Ensure ARES operator contacts the County ARES base Municipal EUC. (time)	upon arriv	al at the
8.	Review remaining emergency procedures in the event	of escalat	ion.
9.	Report all unmet needs to the County Municipal Liai 6160).	son Office	r (431-
10.	Maintain Alert status until notified of termination reduction of classification:	, escalati	on or
	a. Date:		
	b. Time:		
	c. Source:		
	d. Disposition		
	(1) Termination		
	(2) Escalation		
	(3) Reduction		
11.	If escalation, accomplish appropriate Implementing termination or reduction of classification, verify/	Procedure. notify the	If following
	a. Verification	hono	Time
	(1) Police Department	none	Time
	(2) Fire Department		

(3)	Scho	pols		
	(a)	East Pikeland Elementary Jeffrey Hohman Principal	home Office	
	(b)	St. Basil's Sister Patricia Wickenkeise Principal	nome office	
(4)	Мајо	or Industries		
	(a)	Monsey Products	office	
	(b)	Cromby Power Plant	office	
	(c)	Pierce-Stevens	office	
	(d)	WATPRO	office	
	(e)	Royersford Foundry	office	
	(f)	Roberts Meatpacking	office	
(5)	Ver	ification Massage:		
	have	is is <u>(name/title)</u> .  e been notified that the emererating Station has been term nt."	gency at the Limerick	
Noti	ficat	tion:		
(1)	Elec	cted Officials	Telephone	Time
	(a)	John Yeager, Chairman	home	
	(b)	John Doyle	home	
	(c)	Michael Gaydos	home	
(2)	Spec	cial Facilities		
	Phoe	enix-Kimberton Mall	office	
	Zior	n's Lutheran Church Day Care	home office	

b.

(3) Message:

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

4.	Rep	port to and activate the local Emergency Ope	erations Center.	
	а.	Activated(time)		
1	D.	County Municipal Liaison Officer notified 6160).	of EUC activation (43	11-
	c.	Communications system checked for operabil	ity. (time)	
	d.	Establish EOC security. (time)	(cime)	
	e.	Monitor EBS station WCUJ 1420 AM.		
	ŕ.	Ensure Route Alert Teams have been mobilize		
1	g.	If the public alert system has been active impaired.  (time)	(time) ited, notify hearing	
	n.	In the event of a siren failure, receive r County that appropriate Route Alert Teams		
	í.	(time) Loy all messages that provide information pertinent data on status board.	or require action. P	ost
5.	нач оре	re additional emergency personnel report to eration), or where needed.		me
		name	office	
	b.	name	nome office	
		The state of the s		
	с.	name	nome office	_
	d.	Message:		
		"This is <u>(name/title)</u> . There had declared at the Limerick Generating Statio our Radiological Emergency Response Plan. Kimberton Fire Department.	n and we are activati	ny
6.		ure that appropriate EOC staff have placed kers on standby status. (time)	their respective emer	yenc
7.	Ver	ify that the following have been notified:		
	a.	Schools	Telephone T	ime

		Jeffrey Hohman Principal	nome office
	(2)	) St. Basil's Sister Patricia Wickenkeiser Principal	home office
	b. Maj	jor 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. Ver	rification Message:	
	hav	ris is <u>(name/title)</u> . I would be been notified that an incident clared ergency' has been declared at the Line	assification of 'Site
8.	Notify	the following:	
	a. Spe	cial Facilities	Telephone Time
	Pho	enix-Kimberton Mall	office
	Zio	n's Lutheran Church Day Care	home office
	Cam	p Council	office
	b. Mes	saye:	
	"Tn of Sta	is is <u>(name/title)</u> . 'Site Emergency' has been declared a tion." (Provide appropriate instruc	An incident classification at the Limerick Generating ctions as necessary.)
9.	Verify	Resource Availability:	
	inventor parts in	appropriate EUC staff have reviewed ries and have reported deficiencies n the County EOC; for example, the M contacts the County Transportation	to their respective counter- funicipal Transportation
10.	Ensure i	Radiological Officer has distributed	

	workers			
11.	other actor/from	(time) road conditions with EUC staff, i.e., ctivity which would hinder movement o the area. Ensure that the Transport Norks Officer (431-6160) are aware of	f personnel or vehicle ation Ufficer and the	es
12.	(time Ensure / Municipa	ARES operator contacts the County ARE	S base upon arrival a	t tne
13.	Review	remaining emergency procedures in the	event of escalation.	
14.		n Site Emergency status until notifie ion, or reduction of classification:	d of termination,	
	a. Date	e:		
	b. Time	2:		
	c. Sour	rce:		
	d. Dis	position:		
	(1)	Termination		
	(2)	Escalation		
	(3)	Reduction		
15.	If esca termina	lation, accomplish appropriate Implem tion or reduction of classification,	enting Procedure. If notify/verify the fol	lowiny:
	a. Ver	ification:		
	(1)	Police Department	Telephone	Time
	(2)	Fire Department		
	(3)	Schools		
		(a) East Pikeland Elementary Jeffrey Hohman Principal	home	
		(b) St. Basil's Sister Patricia Wickenkeiser Principal	nome office	
	(4)	Major Industries		
		(a) Monsey Products	office	

		(b) Cromby Power Pi	lant .	office	
		(c) Pierce-Stevens (d) WATPRO		office office	
		(e) Royersford Four	ndry .	office	
		(f) Roberts Meatpac	cking	office	
	(5)	Verification Message	e:		
		"This is(name/s been notified that s Station has been te	the emergency at the	Limerick Generat	
b.	Noti	fication			
	(1)	Elected Officials	Te	lepnone	Time
		(a) John Yeayer, C	hairman	home	
		(b) John Doyle	-1	home	
		(c) Michael Gaydos		home office	
	(2)	Special Facilities			
		Phoenix-Kimberton M	a11	office	
		Zion's Lutheran Chu	rch Day Care	nome	
		Camp Council		office	
	(3)	Message:			
			ame/title) . Station has been to		

		*	
4.	Rep	ort to and activate the local Emergency Oper	ations Center.
	a.	Activated(time)	
	b.	County Municipal Liaison Officer notified o 6160).	f EUC activation (431-
	c.	(time) Communications system checked for operabili	
	d.	Establish EOC security.	(time)
	e.	Monitor EBS station WCJJ 1420 AM.	
	f.	Ensure Route Alert Teams have been mobilize	á.
	g.	Loy all messages which provide information pertinent data on status poard.	(time) or require action. Post
5.		(time) ure that all necessary emergency response pe EOC, where needed, or to pre-assigned locat	ion.
6.	Ver	ify that the following have been notified:	(time)
			Telephone Time
	a.	Schools	
		(1) East Pikeland Elementary Jeffrey Hohman Principal	home office
		(2) St. Basil's Sister Patricia Wickenkeiser Principal	home Office
	D.	Major Industries	
		(1) Monsey Products	office
		(2) Cromby Power Plant	office
		(3) Pierce-Stevens	office
		(4) WATPRO	office
		(5) Royersford Foundry	office
		(6) Roberts Meatpacking	office

Limerick Generating Station. The recommended protective action is

	"This is <u>(name/title)</u> . I would like to verify that been notified that a 'General Emergency' has been declared a Limerick Generating Station. The recommended protective act	it the
7.	Notify the following:	
	Telephone	Time
	a. Special Facilities	
	Phoenix-Kimberton Mall	
	Zion's Lutheran Church Day Care	
	Camp Counciloffice	
	b. Message:	
	"This is (name/title) . A 'General Emeryency' been declared at the Limerick Generating Station. The recomprotective action is	has nmended
	Note: If a protective action has not yet been determined, in them to tune to the EBS station.	instruct
8.	Verify Resource Availability:	
	Ensure appropriate EOC staff have reviewed their respective resolution to their respective of the county EOC; for example, the Municipal Transportation Officer contacts County Transportation Officer.	counter-
9.	Ensure Radiological Officer has distributed dosimeters/KI to eme workers and EOC staff.	ergency
10.	Review road conditions with EOC staff, i.e., there is no construction activity which would hinder movement of personnel or vehicle to/from the area. Ensure that the Transportation Officer and the Polic Works Officer (431-6160) are aware of any problem areas.	les
100	(;ine)	
12.	Entre ARES operator contacts the County ARES base upon arrival Municipal EOC.	at the
12.	(time)  If sherering is recommended:	
	when the public alert system has been activated, notify hear impaired.  (time)	riny
	the general population.	given to
	(time)	

c. Verification Message:

	County that appropriate Route Alert Teams have been dispatched.
13.	(time) f evacuation is ordered:
	. When the public alert system has been activated, notify hearing impaired.
	(time)  . Monitor EBS station to ensure proper instructions are being given to the general public.
	(time)  In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched.
	(time)  Ensure Traffic Control Points have been manned.  (time)
	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)
	<ul> <li>Advise County Municipal Liaison Officer of any additional unmet needs (431-6160).</li> </ul>
	(1)(time)
	(3)
	. Monitor evacuation process and report any problem areas to the County Municipal Liaison Officer.
	(1)
	(2)(3)
14.	aintain General Emergency status until:
	. Reduction of classification
	. Termination of emergency. (time)
	. EOC must be evacuated. (time)
15.	f reduction of classification or termination of emergency, notify/ erify the following:

	(2)	Special Facilities				
		Phoenix-Kimberton Mall Office				
		Zion's Lutheran Church Day Care 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 EUC.					
	b. Secure the facility and proceed to alternate EUC. (time)					
		fy Chester County Municipal Liaison Officer upon your arrival at crnate EOC (431-6160).				
17.	Remarks/	Actions Taken: (time)				
	Memar Kay	noviving function				

#### ANNEX E

### Implementing Procedure

### **kadiological**

Radiological Officer: Bruce Otrey
Alternate: Richard Dobson

#### UNUSUAL EVENT

No response required.

### ALERT

The Radiological Officer shall:

- Upon notification, report to the EOC. (time)
   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.

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)

## Radiological

#### GENERAL EMERGENCY

The Radiological Officer shall:

b. Inventory dosimeters/KI and prepare for distribution; if applicable, complete a Receipt Form for Dosimetry-Survey Meters-KI (reference Appendix E-2).

c. Distribute dosimeters/KI to municipal emergency workers (reference Appendix E-1) and EJC 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.
- Upon termination of emergency, collect dosimeters/KI from emergency workers, inventory, and prepare for return to County EOC.
- (time)
  4. Remarks/Actions Taken:

CHESTER COUNTY

RADIOLOGICAL EMERGENCY RESPONSE PLAN

FOR INCIDENTS AT THE

LIMERICK GENERATING STATION

IMPLEMENTING PROCEDURES

APRIL 1984

Copy Number \_\_\_\_

		Have key staff report to EUC.						
3.	Ver	(time) rify that the following have been notified:						
	a. b.							
		"This is <u></u>						
4.	Rep	Report to and activate local Emergency Operations Center (EOC).						
	a.	Activated(time)						
	b.	County Municipal Liaison Officer notified of EOC activation (431-6160).						
	с.	Check communication systems for operability. (time)						
	d.	Establish EOC security. (time)						
	e.	Monitor EBS station WCOJ 1420 AM.						
	f.	f. Ensure Route Alert Teams have been mobilized as necessary.						
	g.	impaired.						
	h.	County that appropriate Route Alert Teams have been dispatched.						
	i.	(time)  Log all messages that provide information or require action. Post pertinent data on status board.						
5.	Verify that the following have been notified:							
	a.	School Telephone Time						
	(1) East Vincent Elementary School Kenneth J. Swart							
	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	Mat	ify the following:						

a. Special Facilities		Telephone	Time
(1) Vincent Heights		offic	ce
(2) Park Springs		home	ce
(3) Kimberton Farms	name/title	home	ce
(4) Grace Assembly Day Ca	rename/title	home office	
b. Message:			
"This is (name/time) of 'Alert' has been declared for the are normally required for the are normally required for the series operator contacts and the series operator contacts are municipal EOC.  (time)  Review remaining emergency processes all unmet needs to the (431-6160).  Maintain Alert status until no reduction of classification:	red at the Limerick or informational pured.  the County ARES baccedures in the eve	Generating Starposes only. Mese upon arrival ant of escalation of the second of the se	ation." No actions I at the
a. Date:			
b. Time:			
c. Source:			
d. Disposition			
(1) Termination			
(2) Escalation			
(3) Reduction			
If escalation, accomplish appropriation or reduction of c			
a. Verification:		Talaabaaa	Time
(1) Police Department		Telephone	Time

7.

8.

9.

10.

11.

	(2)	School	
		(a) East Vincent Elementary Sch Kenneth J. S	
	(3)	Verification Message:	
		"This is <u>(name/title)</u> . I we have been notified that the emer Generating Station has been term Event."	gency at the Limerick
b.	Noti	fication:	
	(1)	Elected Officials	Telephone Time
		(a) Everett H. Wilson	home office
		(b) Charles E. Pancoast	home office
		(c) James L. Giatras	nome office
	(2)	Special Facilities	
		(a) Vincent Heights	office
		(b) Park Springs	home office
		(c) Kimberton Farms name/tit	home le office
		(d) Grace Assembly Day Care	home
		name/title	office
	(3)	Message:	
		"This is <u>(name/title)</u> Limerick Generating Station has t Unusual Event."	. The emergency at the been terminated or reduced to

12. Remarks/Actions Taken:

# Emergency Management Coordinator

# SITE EMERGENCY

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

1.	Docu	ment:			
	a.	Date:			
	b.	Time:			
	с.	Source	:e:		
	d.	Detai	1s:		
2.	Noti	fy:			
	a.	Elect	ed Officials	Telephone	Time
		(1)	Everett H. Wilson	nome	
		(2)	Charles E. Pancoast	nome	
		(3)	James L. Giatras	home	
	b. 1	Key S	taff		
			Police Services Officer or Deputy	home office home office	
			Fire Services Officer or Deputy	home office home office	
			Transportation Officer or Deputy	home office home office	

(time) . Verify that the following have been notified:	
Telephone Time	
a. Police Department	_
b. Verification Message:	
"This is <u>(name/title)</u> . I would like to verify that you have been notified that a 'Site Emergency' has been declared at the Limerick Generating Station."	
. Report to and activate the local Emergency Operations Center	
a. Activated(time)	
b. County Municipal Liaison Officer notified of EUC activation (431-6160).	
c. Communications system checked for operability.	
d. Establish EUC security. (time)	
d. Establish EUC security. (time)	
e. Monitor EBS station WCOJ 1420 AM. (time)	
f. Ensure Route Alert Teams have been mobilized as necessary.	
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. Loy all messages that provide information or require action. Post pertinent data on status board. (time)	
. Have additional emergency personnel report to the EUC (for 24-hour operation), or where needed. (time)	
Ensure that appropriate EOC staff have placed their respective emergence workers on standby status.	су
. Verify that the following have been notified:	
a. School Time	
a. Jenoo	
(1) East Vincent Elementary School Kenneth J. Swartoffice	

8.	"This is(name/title) I would like been notified that an incident classificat has been declared at the Limerick Generati Notify the following:	ion of 'Site Emergency'	
	a. Special Facilities	Telephone Time	
	(1) Vincent Heights	office	
	(2) Park Springs	homeoffice	_
	(3) Kimberton Farms name/title	home office	_
	(4) Grace Assembly Day Care name/title	home office	_
	b. Message:		
9.	"This is	he Limerick Generating ns as necessary.)  ir respective resource	
	parts in the County EUC; for example, the Muni- Officer contacts the County Transportation Off	cipal Transportation	
10.	Ensure Fire Services Officer has distributed downkers.  (time)		
1.	Review road conditions with EUC staff, i.e., to other activity which would hinder movement of to/from the area. Ensure that the Transportat Public Wokrks Officer (431-6160) are aware of	personnel or vehicles ion Officer and the County	
2.	(time) Ensure ARES operator contacts the County ARES I Municipal EOC.	base upon arrival at	
3.	(time) Review remaining emergency procedures in the em	vent of escalation.	
4.	Maintain Site Emergency status until notified of escalation, or reduction of classification:	of termination,	
	a. Date:		
	b. Time:		

b. Verification Message:

	c.	Sour	ce:			
	d.	Disp	osit	ion:		
		(1)	Ter	mination		
		(2)	Esc	alation		
		(3)	Red	uction		
5.				n, accomplish appropriate lor reduction of classificat		
	a.	Veri	fica	tion:		
		(1)	Pol	ice Department	Telephone	Time
		(2)	Sch	001		
			(a)	East Vincent Elementary S Kenneth J.		ice
		(3)	Ver	ification Message:		
			beer	is is <u>(name/title)</u> . In notified that the emergention has been terminated/re	ncy at the Limerick Gene	erating
	b.	Noti	ficat	tion		
		(1)	Elec	cted Officials	Telephone	Time
			(a)	Everett H. Wilson	home office	
			(b)	Charles E. Pancoast	home office	
			(c)	James L. Giatras	home office	
		(2)	Spec	cial Facilities		
			(a) (b)	Vincent Heights Park Springs	off nome off	2
			(c)	Kimberton Farmsname/t	home itle off	

	(d) Grace Assemb	oly	home
		name/title	office
(3)	Message:		
	"This is Limerick Generat	(name/title) ting Station has been	. The emergency at the terminated/reduced to
		—	

16. Remarks/Actions Taken:

## 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:

Doc	ument			
a.	Date	2:		
b.	Time	: <u></u>		
c.	Sour	rce:		
d.	Deta	ails:		
Not	ify:			
a.	Elec	ted Officials	Telephone	Time
	(1)	Everett H. Wilson	home office	
	(2)	Charles E. Pancoast	home	_
	(3)	James L. Giatras	home	
b.	Key	Staff		
	(1)	Police Services Officer or Deputy	home office home office	
	(2)	Fire Services Officer or Deputy	home office office	
	(3)	Transportation Officer or Deputy	nome office home	_

		Have key starr report to EUC.					
3.	Ver	(time) rify that the following have been notified:					
			Telephone	Time			
	a. b.	Police Department Verification Message:					
		"This is <u>(name &amp; title)</u> . I would like to been notified that an incident classification declared at the Limerick Generating Station."	of 'Alert' has				
4.	Report to and activate local Emergency Operations Center (EUC).						
	a.	Activated (time)					
	b.	County Municipal Liaison Officer notified of (431-6160).	EUC activation				
	c.						
			(time)				
	d.	Establish EOC security. (time)					
	e.	Monitor EBS station WCOJ 1420 AM. (time					
	f.	Ensure Route Alert Teams have been mobilized	F				
	g.	impaired.	otify hearing				
	n.	County that appropriate Route Alert Teams ha dispatched.		ne			
	i.	(time)  Log all messages that provide information or pertinent data on status board.	require action.	Post			
5.	Ver	rify that the following have been notified:					
	a.	School	Telephone	Time			
		(1) East Vincent Elementary School Kenneth J. Swart	office				
	b.	Verification Message:					
		"This is <u>(name/title)</u> . I would like been notified that an incident classification declared at the Limerick Generatiny Station.	n of 'Alert' has				
6.	Not	tify the following:					

		Telephone	Time
a. 5	Special Facilities		
(	1) Vincent Heights	office	=
(	2) Park Springs	home	
	3) Kimberton Farms	home	
b. N	lessage:		
t	'This is <u>(name/title)</u> . A 'Gen been declared at the Limerick Generating Stat protective action is"	neral Emergency tion. The reco	has nmended
1	Note: If a protective action has not yet bee them to tune to the EBS station.	en determined,	instruct
Verit	y Resource Availability:		
Office Ensur Works Revise other to/fi	er contacts County Transportation Officer.  The Radiological Officer has distributed dosing the sand EUC staff.  (time)  The word conditions with EUC staff, i.e., there activity which would hinder movement of perform the area. Ensure that the Transportation is Works Officer (431-6160) are aware of any	(time) meters/KI to emore is no construction of the construction o	ergency uction or cles
Ensur	time) re ARES operator contacts County ARES base up ipal EUC.  (time) neltering is recommended:		tne
	When the public alert system has been activated impaired.  (time)	ed, notify hea	riny
	Monitor EBS station to ensure proper instruct the general population.  (time)	cions are being	given to
c. 1	In the event of a siren failure, receive noti	fication from	the

8.

9.

10.

11.

12.

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.
	с.	(time) In the event of a siren failure receive notification from the County that appropriate Route Alert Teams have been dispatched.
	d.	Ensure Traffic Control Points have been manned. (time)
	e.	support transportation resources, i.e., one emergency worker should be available for each vehicle used to evacuate those persons who do not have transportation.
	f.	Advise County Municipal Liaison Officer of any additional unmet needs (431-6160).  (time)
		(1)
		(2)
		(3)
	g.	County Muncipal Liaison Officer
		(1)
		(2)
		(3)
14.	Mai	intain General Emergency status until:
	a.	Reduction of classification.
	b.	Termination of emergency. (time)
	с.	EOC must be evacuated
15.		(time) reduction of classification or termination of emergency, tify/verify notification of the following:
	a.	Verification:
		(1) Police Department
		(2) School

		( ) 5		
		(a) East Vincent Elementary Sch Kenneth J. S		
	(3)			
		"This is <u>(name/title)</u> . I been notified that the emergency Station has been terminated/redu	at the Limerick Generating	
	b. Not	ification		
			Telephone Time	
	(1)	Elected Officials		
		(a) Everett H. Wilson	home office	_
		(b) Charles E. Pancoast	home office	_
		(c) James L. Giatras	home office	_
	(2)	Special Facilities		
		(a) Vincent Heights	office	
		(b) Park Springs	home office	
		(c) Kimberton Farmsname/ti	home office	_
	(3)	Messaye:		
		"This is (name/title) Limerick Generating Station has Provide in	. The emergency at to been terminated/reduced to instructions as appropriate.	ne
16.	If the	EOC must be evacuated:		
		possible, wait until the municipa aving the EOC.	lity has been evacuated before	2
	b. Sec	cure the facility and proceed to a	Iternate EUC. (time)	
		tify Chester County Municipal Liai rival at alternate EOC.		our
17.	Remarks	s/Actions Taken: (time)		

#### ANNEX B

## Implementing Procedure

#### Police Services\*

Police	Services Ufficer:	(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.

2. Ensure that normal police functions are maintained.

- 3. Review remaining emergency procedures in the event of escalation.
- Maintain Alert status until notified of termination, escalation or reduction of classification.
- 5. Remarks/Actions Taken:

<sup>\*</sup>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 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 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.
- Maintain Alert status until notified of termination, escalation or reduction of classification.
- 7. Remarks/Actions Taken:

<sup>\*</sup>Note: This procedure has been modified to include Radiological procedures.

## Fire Services

## SITE EMERGENCY

The Fire Services Officer shall:

	[18] [18] [18] [18] [18] [18] [18] [18]
1.	If this is the first notification received or if escalation from Unusua Event, then:
	a. Report to the EUC. (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).
	d. Inventory dosimeters/KI and prepare for distribution; complete a Receipt Form for Dosimetry-Survey Meters-KI (reference Appendix C-3
	e. Proceed to Step 2.
2.	If escalation from Alert, or if proceeding from Step 1, then:
	<ul> <li>Distribute dosimeters/KI to municipal emergency workers (reference Appendix C-2); obtain a signed receipt (reference Appendix C-4).</li> </ul>
	(time)  b. Review remaining emergency procedures in the event of escalation.  (time)
	c. Maintain Site Emeryency 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.
4.	Remarks/Actions Taken: (time)

## Fire Services

## GENERAL EMERGENCY

The Fire Services Officer shall:

1.	If this is the first notification received or if escalation from Unusua Event, then:
	a. Report to the EUC.
	(time)
	<ul> <li>Ensure mobilization of sufficient personnel to meet Route Alert Tearequirements and make assignments to vehicles (reference Appendix C-1).</li> </ul>
	<ul> <li>Inventory dosimeters/KI and prepare for distribution; complete a receipt Form for Dosimetry-Survey Meters-KI (reference Appendix C-3).</li> </ul>
	(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:
	The state of the s

#### 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. PURPUSE

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 WCOJ 1420 AM."

C. Upon completion of route, notify the Chester County DES and return to station.

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

# RUUTE 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 EUC.	
Sector No. 5 Alert Team:	Fire Department
Leader:	
Assistant:	
Transient Location(s): (TBD)	
Hearing Impaired: List will be on file in the EUC.	

Sector No. 6 Alert leam:		Fire Department
Leader:		
Assistant:		
Transient Location(s):	(TBD)	
Hearing Impaired: List will be	e 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

# Emergency Management Coordinator

ERT	
. Document:	
a. Date:	
b. Time:	
c. Source:	2
a. Details:	
. Notify:	
	Telephone Tim
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	nome office
Deputy	home
	office
(2) Fire Services Officer	home
or .	office
Deputy	home office
(3) Transportation Officer	home

	Deputy		home office
	(4) Radiologica or Deputy	1 Officer	nome office home office
3.	Have key staff r	report to EOC. (time) owing have been notified:	-
			Telephone Time
	a. Police Departmen	it	
	b. Fire Department		
	c. Verification Mes		
	been notified th	e & title) . I would like nat an incident classification Limerick Generating Station	on of Alert has been
4.	Report to and activa	ate local Emergency Operation	ns Center (EOC).
	a. Activated(t	time) 1 Liaison Officer notified o	of FOC activation. (431-
	6160) (time)		
		tion systems for operability	(time)
	<ul><li>d. Establish EOC se</li><li>e. Monitor EBS stat</li></ul>	(time) tion WCOJ 1420 AM.	
		(timert Teams have been mobilize	
	(time) g. If public alert impaired.	system has been activated,	notify hearing
	h. In the event of	me) a siren failure, receive no ropriate Route Alert Teams h	otification from the nave been dispatched.
	(time) i. Loy all incoming action. Post po	g messages that provide info ertinent data on the status	board. (time)
5.	Verify that the fol	lowing have been notified:	
	a. School		Telephone Time

		Grey cunningnam
		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
		(1) Coventry Mall John Roller  Office
		(2) Coventry Nursery School (9:00am-11:30am)  Mrs. Charles Hartman  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.
1	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

(I) North Coventry Elementary School

		(2)	Esca	lation				
		(3)	Redu	ction				
1.	If ter	escal minat	ation ion o	, accomplish app r reduction of c	ropriate Imple lassification,	ementing Proced , verify/notify	ure. If	lowing:
	a.	Veri	ficat	ion				
		(1)	Poli	ce Department				
		(2)	Fire	Department				
		(3)	Scho	01				
			(a)	North Coventry Greg Cu	Elementary Sch nninghám	nool	office .	
		(4)	Veri	fication Message				
			VOU	s is (name have been notifi rating Station h t."	ed that the en	mergency at the	Limeric	K
	b.	Noti	ficat	ion				
		(1)	Elec	ted Officials		Telephone		Time
			(a)	Robert Saylor			ome ffice	
			(b)	E. Kent High		A STATE OF THE PARTY OF THE PAR	ome ffice	
			(c)	William R. Deeg	an		ome ffice	
			(d)	Larry Challenge	er .	and the second second	ome ffice	
			(e)	Kenneth J. Bick	ce1	The second secon	ome ffice	
		(2)	Spec	ial Facilities				
			(a)	Coventry Mall John Ro	oller		Office	
			(b)	Coventry Nurser Mrs. Cr	ry School (9:0 narles Hartman	Oam-11:30am)	nome 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:

# 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:

Docume	ent:		
a. Da	ate:		
b. Ti	ime:		
c. So	ource:	1-00-00-00-00-00-00	اشيط
d. De	etails:		
-Notify	<i>(</i> :		
a. E1	lected Officials	Telephone	Time
(1	1) Robert Saylor	home	
(2	2) E. Kent High	home	_
(3	3) William R. Deeyan	home	
(4	1) Larry Challenger	home	
( :	5) Kenneth J. Bickel	home	
b. Ke	ey Staff		
(1	1) Police Services Officer or Deputy	home office home office	
(2	2) Fire Services Officer	home	

			Deputy	home office	
		(3)	Transportation Officer	home office home	
			Deputy	office	
		(4)	Radiological Officer or Deputy	nome office home office	
		Have	key staff report to EOC. (time)		
3.	Ver	ify t	hat the following have been notified		
				Telephone Ti	те
	a.	Poli	ce Department		
	b.	Fire	Department		
	с.	Veri	fication Message:		
		have	s is <u>(name/title)</u> . I we been notified that a 'Site Emergence rick Generating Station."	ould like to verify that by' has been declared at	you the
4.	Rep	ort t	o and activate the local Emergency (	Operations Center	
	a.	Acti	vated(time)		
	b.		ty Municipal Liaison Officer notified-6160). (time)	ed of EUC activation	
	c.	Comm	nunications system checked for operat	oility. (time)	
	d.	Esta	blish EOC security. (time)		
	e.	Moni	tor EBS station WCOJ 1420 AM.	ime)	
	f.		re Route Alert Teams have been mobil	lized as necessary.	
	g.	If t	he public alert system has been activited.  (time)	ivated, notify hearing	
	h.	In t Coun	he event of a siren failure, receive ty that appropriate Route Alert Team	e notification from the ns have been dispatched.	
	i.	Loy	time) all messayes that provide information inent information on status board.	on or require action. Po	st

5.	operation), or where needed.	t to the EUC (for 24-r	lour
6.	Ensure that appropriate EOC staff have plane workers on standby status. (time)	aced their respective	energency
7.	Verify that the following have been notifi	ed:	
	a. School	Telephone	Time
	(1) North Coventry Elementary School Greg Cunningham	offic	e
	b. Verification Message:		
	"This is <u>(name/title)</u> . I wo have been notified that an incident cl Emergency' has been declared at the Li	assification of 'Site	
8.	Notify the following:		
	a. Special Facilities	Telephone	Time
	(1) Coventry Mall John Roller	offic	e
	(2) Coventry Nursery School (9:00am-1 Mrs. Charles Hartman		e
	(3) U.C.C. Camp Wilmer Swinehart		
	b. Messaye:		
	"This is <u>(name/title)</u> of 'Site Emergency' has been declared Station." (Provide appropriate instru		ication ating
9.	Verify Resource Availability:		
	Ensure appropriate EOC staff have reviewed inventories and have reported deficiencies parts in the County EOC; for example, the Officer contacts the County Transportation	to their respective Municipal Transportat	counter-
0.	Ensure Radiological Officer has distribute workers.  (time)		ergency
1.	Review road conditions with EOC staff, i.e other activity which would hinder movement		

(tim	<u>a)</u>		
Ensure	ARES operator contacts the County ARE al EUC. (time)	S base upon arrival at the	
Report 6160).	all unmet needs to the County Municip	al Liaison Officer (431-	
Review	remaining emergency procedures in the	e event of escalation.	
Maintai escalat	n Site Emergency status until notifie ion, or reduction of classification:	d of termination,	
a. Dat	e:		
b. Tim	e:		
c. Sou	rce:		
d. Dis	position:		
(1)	Termination		
(2)	Escalation		
(3)	Reduction		
If esca termina	lation, accomplish appropriate Implemention or reduction of classification,	menting Procedure. If notify/verify the followin	y:
a. Ver	ification:		
		Telephone Time	
(1)	Police Department		
(2)	Fire Department		
(3)	School		
	(a) North Coventry Elementary Scho Greg Cunningham	office	
(4)	Verification Message:		
	"This is <u>(name/title)</u> .  have been notified that the emerger ing Station has been terminated/rec	ncy at the Limerick Generat	u - "
b. Not	ification		
		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 (9:00a Mrs. Charles Hartman	m-11:30am) home office
	(c) U.C.C. Camp Wilmer Swinehart	
(3)	Message:	
	"This is (name/title) Limerick Generating Station has bee	. The emergency at the n terminated/reduced to

17. Remarks/Actions Taken:

## 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.	Doc	ument	t:		
	a.	Date	e:		
	b.	Time	e:		
	c.	Soul	rce:		
	d.	Deta	ails:		
	Not	ify:			
		<b>51</b> -	and Official	Telephone	Time
	a.	Fied	cted Officials		
		(1)	Robert Saylor	home	
		(2)	E. Kent High	home	
		(3)	William R. Deeyan	home	
		(4)	Larry Challenger	home	
		(5)	Kenneth J. Bickel	nome	
	b.	Key	Staff		
		(1)	Police Services Officer		
			Deputy	home office	
		(2)	Fire Services Officer	home office	

			Deputy		nome
					office
		(3)	Transportation Officer		nome
			or	THE RESIDENCE AND ADDRESS OF THE PERSON NAMED IN COLUMN 1	office
			Deputy		nome
					office
		(4)	Radiological Officer	44	nome
			or		office
			Deputy		nome
					office
		Have	key staff report to EOC.		
2	W		hat the following hour have	(time)	
3.	ver	iry t	hat the following have been	notified:	
				Telepho	one Time
	a.	Poli	ce Department		B
	h	Fire	Department		
	0.	riie	Depar chieric		
	с.	Veri	fication Message:		
		at t	s is (name/title) have been notified that a 'G he Limerick Generatiny Stati on is"	General Emergency' had on. The recommended	is been declared protective
4.	Rep	ort t	o and activate the local Eme	ergency Operations Co	enter.
		Acti	vated		
	a.	Acci	(time)		
	b.	Coun 6160	ty Municipal Liaison Officer	notified of EUC act	tivation (431-
			(time)	a distribute de ser	
	с.	Comm	unications system checked for	or operability.	(time)
	d.	Esta	blish EOC security. (time	. <u>.                                   </u>	( c me)
	e.	Moni	tor EBS station WCOJ 1420 AM		
	f.	Ensu	re Route Alert Teams have be		essary.
		-	time)		
	9.	Log	all messages which provide in inent data on status board.		re action. Post
5.	Enc		hat all necessary emergency	(time)	nave reported to
٥.			hat all necessary emergency where needed, or to pre-ass		lave reported to
					time)

	a.	Telephone Time School			
		(1) North Coventry Elementary School Greg Cunningham  office			
	b.	Verification Message:			
		"This is 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.	Not	ify the following:			
	a.	Special Facilities Time			
		(1) Coventry Mall John Rolleroffice			
		(2) Coventry Nursery School (9:00am-11:30am)  Mrs. Charles Hartman  office			
		(3) U.C.C. Camp Wilmer Swinehart			
	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.	Ver	ify Resource Availability:			
	inv	ure appropriate EOC staff have reviewed their respective resource entories and have reported deficiencies to their respective counterts in the County EOC; for example, the Municipal Transportation icer contacts County Transportation Officer.			
9.	Ensure Radiological Officer has distributed dosimeters/KI to emergency workers and EOC staff.				
10.	oth to/	(time)  iew road conditions with EUC staff, i.e., there is no construction or er activity which would hinder movement of personnel or vehicles from the area. Ensure that the Transportation Officer and the County lic Works Officer are aware of any problem areas.  (time)			

6. Verify that the following have been notified:

11.	Ensure ARES operator contacts County ARES base upon arrival at the Municipal EOC.
12.	(time) 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.
14.	(time)  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.
	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).
	(1)
	(2)
	(3)
	g. Monitor evacuation process and report any problem areas to the County Municipal Liaison Officer (431-6160).
	(1)
	(2)
	(3)

15.	Mai	ntain	Gener	al Emergency stat	us until:		
	a.	Redu	ction	of classification	(time)		
	b.	Term	inatio	n of emergency.	(time)		
	с.	EUC	must b	e evacuated	(time)		
16.				f classification the following:		of emergency,	
	a.	Veri	ficati	on:			
						Telephone	Time
		(1)	Polic	e Department			
		(2)	Fire	Department			
		(3)	Schoo	1			
			(a)	North Coventry El Greg Cunn		office	
		(4)	Verif	ication Message:			
			have		it the emergency	would like to verify at the Limerick Ge ed to	
	b.	Noti	ficati	on			
		(1)	Elect	ed Officials		Telephone	Time
			(a)	Robert Saylor		home office	
			(p)	E. Kent High	_	home office	
			(c)	William R. Deeyan	<u> </u>	home	
			(d)	Larry Challenger	•	home	
			(e)	Kenneth J. Bickel	_	home office	
		(2)	Speci	al Facilities			
			(a)	Coventry Mall John Roll	er	office	

	Mrs. Charles Hartman home office
	(c) U.C.C. Camp Wilmer Swinehart
	(3) Message:
	"This is <u>(name/title)</u> . 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 EUC. (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)
- Inventory dosimeters/KI and prepare for distribution; complete a Receipt Form for Dosimetry Survey Meters KI (reference Appendix E-2).
- 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 small:

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

a. Report to the EOC.

- Inventory dosimeters/KI and prepare for distribution; if applicable, complete a Receipt Form for Dosimetry Survey Meters KI (reference Appendix E-2).
- 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 EUC 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.
- 3. Remarks/Actions Taken:

# Radiological

#### GENERAL EMERGENCY

The Radiological Officer shall:

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 EJC after population has departed. (time)

Upon termination of emergency, collect dosimeters/KI from emergency

workers, inventory, and prepare for return to County EUC.

4. Remarks/Actions Taken:

3.

(time)

BURDUGH OF PHOENIXVILLE

CHESTER COUNTY

RADIOLOGICAL EMERGENCY RESPONSE PLAN

FOR INCIDENTS AT THE

LIMERICK GENERATING STATION

IMPLEMENTING PROCEDURES

APRIL 1984

Copy Number \_\_\_\_

		(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 C	Center (EUC).
		a. Activated(time)	
1		<ul> <li>b. County Municipal Liaison Officer notified of E0 6160).</li> </ul>	OC activation (431-
		(time)  c. Check communication systems for operability.	
		d. Establish EOC security.	(time)
		(time)	
		e. Monitor EBS station WCOJ 1420 AM. (time)	
		f. Ensure Route Alert Teams have been mobilized as	necessary.
		(time) g. If public alert sytem has been activated, notif impaired.	y hearing
		(time)	
		<ul> <li>h. Log all incoming messages that provide informat action. Post pertinent data on status board.</li> </ul>	ion or require
	4.	Ensure ARES operator contacts the County ARES base Borough EOC. (time)	upon arrival at
		Report all warmet monds to the County Municipal Lini	can Offices
	5.	Report all unmet needs to the County Municipal Liai	
	6.	Review remaining emergency procedures in the event	of escalation.
	7.	Maintain Alert status until notified of termination reduction of classification:	, escalation or
		a. Date:	
		b. Time:	
		c. Source:	
		d. Disposition	
		(1) Termination	
		(2) Escalation	
		(3) Reduction	

	Deputy: Oliver Sims	office
	(8) Police Services Chief: Henry Rodrique	hoine
	Chref: hell y Roul Ique	office
	Deputy: Donald Sees	home office
	Have key staff report to EOC. (time)	
3.	Report to and activate the local Emergency Operation	ons Center
	a. Activated(time)	
	b. County Municipal Liaison Officer notified of Education.  (time)	oc
	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 a	s necessary.
	(time)	
	g. If the public alert system has been activated, impaired. (time)	notify hearing
	h. In the event of a siren failure, receive notif County that appropriate Route Alert Teams have	ication from the been dispatched.
	<ul><li>(time)</li><li>i. Loy all messages that provide information or r pertinent data on status board.</li></ul>	equire action. Post
4.	Have additional emergency personnel report to the operation), or where needed. (time)	EOC (for 24-hour
5.	Ensure that appropriate EOC staff have placed thei workers on standby status.  (time)	r respective emergency
6.	Verify Resource Availability:	
	Ensure appropriate EOC staff have reviewed their r inventories and have reported deficiencies to thei parts in the County EOC; for example, the municipa Officer contacts the County Transportation Officer	r respective counter- 1 Transportation
7.	Ensure Radiological Officer has distributed dosime workers.  (time)	

	(tim	Norks Officer (431-6160) are aw	
Rep		all unmet needs to the County M	unicipal Liaison Officer.
Rev	riew r	remaining emergency procedures	in the event of escalation.
		Site Emergency status until nation of classification:	otified of termination, escalat
a.	Date		
b.	Time	:	
с.	Sour	rce:	
d.	Disp	osition:	
	(1)	Termination	
	(2)	Escalation	
	(3)	Reduction	
		ation, accomplish appropriate ion or reduction of classifica	
a.	Elec	ted Officials	Telephone Tim
	(1)	Robert M. Gray, Mayor	home office
	(2)	Mrs. Bonnie R. August Council President	home
		Ms. Helen M. Rambo	nome
	(3)	Vice President	OTTICE
	(3)		home office
		Theodore Beluch	home
	(4)	Theodore Beluch	home office home

home office

(7) Loren Griffith

	(8)	Michael Basca	home office
	(9)	John P. Horenci, Jr.	home office
(	10)	Joseph A. Fabian	home
(	11)	Robert J. Gray	office home office
(	12)	Alexander Kovach	home office
(	13)	Robert W. Mark	home office
b. 1	Messa	age:	
		"This is (name/title) The end is	meryency at the ed/reduced to

13. Remarks/Actions Taken:

	Deputy: Oliver Sims	nome 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 Operat	tions Center.
	a. Activated	
	(time)  b. County Municipal Liaison Officer notified of 6160).	EUC activation (431-
	(time)	
	c. Communications system checked for operability	(time)
	d. Establish EOC security.	(5,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	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 pertinent data on status board.	r require action. Post
4.	Ensure that all necessary emergency response persure EOC, where needed, or to pre-assigned location	on.
		(time)
5.	Verify Resource Availability:	
	Ensure appropriate EUC staff have reviewed their inventories and have reported deficiencies to the parts in the County EUC; for example, the municipal Officer contacts County Transportation Officer.	eir respective counter-
6.	Ensure Radiological Officer has distributed dosin workers and EOC staff.	
	(time)	
7.	Review road conditions with EOC staff, i.e., then other activity which would hinder movement of perto/from the area. Ensue that the Transportation Public Works Officer (431-6160) are aware of any	rsonnel or vehicles Officer and the County
	(time)	
8.	Report all unmet needs to the Municipal Liaison	Officer.
9.	If sheltering is recommended:	

	a.	impaired.
	b.	(time)  Monitor EBS station to ensure proper instructions are being given t the general population.  (time)
	c.	Ensure that Fire Department personnel have activated route alerting plan, if required.
10.	I f	evacuation is ordered:
10.		evacuation is ordered.
	a.	When the public alert system has been activated, notify hearing impaired.  (time)
	b.	HONOR HOLD NEW HOLD NEW POSITION HOLD NOT HER HOLD NOT HER HOLD NEW
	с.	
		(time)
	a.	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.
	f.	(time)  Advise County Municipal Liaison Officer of any additional unmet needs (431-6160).
		(1)
		(2)
		(3)
	g.	Monitor evacuation process and report any problem areas to the County Municipal Liaison Officer (431-6160).
		(1)
		(2)
		(3)
11.	Mai	ntain General Emergency status until:
	a.	Reduction of classification. (time)
	b.	Termination of emergency. (time)
	с.	EOC must be evacuated. (time)

r1.	ected Officials	Telephone	Time
Ele	ecced Officials		
(1)	Robert M. Gray, Mayor	home office	_
(2)	Mrs. Bonnie R. August Council President	nome	=
(3)	Ms. Helen M. Rambo Vice President	home office	
(4)	Theodore Beluch	home	_
(5)	John Fedora	home office	
(6)	Owen J. Scanlin	home office	
(7)	Loren Griffith	home	
(8)	Michael Basca	home	
(9)	John P. Horenci, Jr.	home office	
(10)	Joseph A. Fabian	home	
(11)	Robert J. Gray	home	
(12)	Alexander Kovach	home office	
(13)	Robert W. Mark	home	
Mes	sage:		
	is is(name/title) merick Generating Station has be	. The emergency at	the

If reduction of classification or termination of emergency, notify the

13. If the EOC must be evacuated:

12.

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

- b. Secure the facility and proceed to alternate EUC. (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. PURPUSE

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/

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): (TBD)	
Hearing Impaired: List will be on file in the	e EUC.
Sector No. 8 Alert Team:	Fire Department
Leader:	
Assistant:	
Transient Location(s): (TBU)	
Hearing Impaired: List will be on file in the	e EUC.
Sector No. 9 Alert Team:	Fire Department
Leader:	
Assistant:	
Transient Location(s): (T	(טא
Hearing Impaired: List will be on file in th	e EUC.
Sector No. 10 Alert Team:	Fire Department
Leader:	
Assistant:	
Transient Location(s):(	TBU)
Hearing Impaired: List will be on file in th	ne EUC.

#### 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)
- Inventory dosimeters/KI, prepare for distribution; complete a Receipt Form for Dosimetry-Survey Meters-KI. (reference Appendix H2).
- 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 EUC 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:

If this is the first notification received or if escalation from Unusual 1. Event, then: a. Report to the EUC. \_ b. Inventory dosimeters/KI and prepare for distribution; complete a Receipt Form for Dosimetry - Survey Meters - KI (reference Appendix H-2). 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: _	
HMHC	101 5	VENT				
UNU S	UAL E	VENT				
No r	espon	ise ne	ecessary unless police	e services are requ	ired at the Li	merick
ALER	<u>T</u>					
1.	Upo	n not	tification, report to	the EOC.		
2.	Ver	ify t	the following have bee	(timen notified:	e)	
	a.	Poli	ce Department		Telephone 933-1180	Time
	b.	Fire	e Departments			
		(1)	Phoenix Hose, Hook &	Ladder Company #1		
		(2)	Friendship Fire Comp	pany #2		
		(3)	West End Fire Compan	ny #3		
	с.	Ambu	lance Service			
	d.	Scho	ols		Telephone	Time
		(1)	Phoenixville Senior High School	Vincent G. Daner 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 Lo Principal	ouise
	(7)	Holy Trinity School	Sis. Mary Da Principal	amian ———
e.	Hosp	oital		
	(1)	Phoenixville Hospita	1	
f.	Nurs	ing Home		
	(1)	Phoenixville Manor		
g.	Majo	r Industries		
	(1)	Phoenix Steel Corp.		office
	(2)	West Co.		office
	(3)	SCM Products	•	office
	(4)	A. P. Deno		office
	(5)	Budd Co.	•	office
	(6)	Leighton Industries		office
	(7)	Danco Tool		office
	(8)	Kimberton Kit Co.		office
	(9)	Bachman Co.		office
	(10)	Randolph Industries		office
	(11)	Handi-Crafters		office
h.	Veri	fication Message:		
	veri	fy that you have been	notified tha	on Officer. I would like to at an incident classification merick Generating Station."
Not	ify t	he following:		
a.	Spec	ial Facilities		
	Phoe	nixville Senior Citiz	ens Center	Elaine Smith Donna Baker
	King	Terrace Nursing Home Contact: Chester Co		Authority
		Contract. Chester Co	ancy mousting	Fred Brown

						-
D.	Me	S	S	a	u	6

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 actins are normally required.

- 4. Review remaining emergency procedures in the events of escalation.
- 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.	Veri	fication		Talashana	Time
(1)	Poli	ce Department		Telephone	
(2)	Fire	Departments			
	(a)	Phoenix Hose, Hook &	Ladder Company #1		
	(b)	Friendship Fire Comp	any #2		
	(c)	West End Fire Compan	y #3		
(3)	Ambu	lance Service			
(4)	Scho	ols			
	(a)	Phoenixville Senior High School	Vincent G. Daner ( Principal		-
	(D)	Phoenixville Junior High School	David Stewart Principal		
	(c)	Barkley Elementary School	Joseph Dougherty  Principal		
	(८)	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		1

(5)	Hosp	ital	
	(a)	Phoenixville Hospital	
(6)	Nurs	ing Home	
	(a)	Phoenixville Manor	
(7)	Majo	r Industries	
	(a)	Phoenix Steel Corp.	
	(b)	West Co.	
	(c)	SCM Products office	
	(d)	A. P. Deno office	
	(e)	Budd Co. Office	
	(f)	Leighton Industries	
	(g)	Danco Tool office	
	(h)	Kimberton Kit Co.	
	(i)	Bachman Co.	
	(1)	Randolph Industries office	
	(k)	Handi-Crafters office	
(8)	Veri	fication Message:	
	veri	s is <u>(name)</u> , Information Officer. I would fy that you have been notified that the emergency at the rick Generating Station has been terminated/reduced to U t."	
	a.	Notification	
		(1) Special Facilities	
		(a) Phoenixville Senior Citizens Center Elaine Smith Donna Baker	
		(b) King Terrace Nursing Home Contact: Chester County Housing Authority Fred Brown	

		(y)	Holy Trinity School Sis. Mary Damian Principal	<b>—</b>			
	(5)	Hosp	ital				
		(a)	Phoenixville Hospital	_			
	(6)	Nurs	ing Home				
		(a)	Phoenixville Manor	-			
	(7)	Majo	or Industries				
		(a)	Phoenix Steel Corp.	office			
		(b)	West Co.	office			
		(c)	SCM Products	office			
		(d)	A. P. Deno	office			
		(e)	Budd Co.	office			
		(f)	Leighton Industries	office			
		(g)	Danco Tool	office			
		(h)	Kimberton Kit Co.	office			
		(i)	Bachman Co.	office			
		(j)	Randolph Industries	office			
		(k)	Handi-Crafters	office			
	(8)	Ver	ification Message:				
		like	is is <u>(name)</u> , e to verify that you have been ssification of "Site Emeryency erick Generating Station."	Information Officer. I would n notified that an incident ," has been declared a the			
c.	Prod	eed t	to Step 3.				
Not	ify t	the Fo	ollowing:				
a.	Spec	cial I	Facilities				
	Phoe	enixv	ille Senior Citizens Center				
	King	g Ter	race Nursing Home	Donna Baker			

# Contact: Chester County Housing Authority Fred Brown

	Mess	aye					
	clas Gene	is sific ratin ssary	ation of g Statio	Name/Title) 'Site Emerge n." (Provide	ency has be	An incident en declared at t e instructions a	he Limeric s
f	escal	ation	from Al	ert or it pro	oceediny from	n Step 1, then:	
	Revi	ew re	maining	emergency pro	ocedures in	the event of esc	alation.
				rgency Status ction of clas		fied of terminat	ion,
	term		on or re			lementing Proced n, verify/notify	
	(1)	Verif	ication				
	(a)	Poli	ce Depar	tment		Telephone	Time
	(b)	Fire	Departm	ents			
		(1)	Phoenix	Hose, Hook	& Ladder Co.	#1	
		(2)	Friends	nip Fire Com	pany #2		
		(3)	) st En	d Fire Compa	ny #3		
	(c)	Ambu	lance Se	rvice			
	(d)	Scho	ols				
		(1)	Phoenix	ville Senior Vincent G. I Principal		-	
		(2)	Phoenix	ville Junior David Stewa Principal			
		(3)	Barkley	Elementary : Joseph Dougl Principal		-	
		(4)	Second	Avenue Elem. Joseph Dougl Principal		-	
		(5)	St. Ann	School School			

		Sis. Maria Auxilia Principal	
	(6)	St. Mary of the Assumption Sis. John Louise Principal	<b>-</b>
	(7)	Holy Trinity School Sis. Mary Damian Principal	
(e)	Hosp	ital	
	(1)	Phoenixville Hospital	
(f)	Nurs	ing Home	
	(1)	Phoenixville Manor	
(g)	Majo	r Industries	
	(1)	Phoenix Steel Corp.	office
	(2)	West Co.	office
	(3)	SCM Products	office
	(4)	A. P. Deno	office
	(5)	Budd Co.	office
	(6)	Leighton Industries	office
	(7)	Danco Tool	office
	(8)	Kimberton Kit Co.	office
	(9)	Bachman Co.	office
	(10)	Randolph Industries	office
	(11)	Handi-Crafters	office
(h)	Veri	fication Message:	
	to v	s is <u>(name)</u> , Information of the control of the co	

(2) Notification

- (a) Special Facilities
  - (1) Phoenixville Senior Citizens Center
    Elaine Smith
    Donna Baker
  - (2) King Terrace Nursing Home
    Contact: Chester County Housing Authority
    Fred Brown
- (b) Message

"This is \_\_\_\_\_\_, 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:

a.	Керо	rt to	the EUC.	- /		
b.	Veri	fy th	e followi	(time) ny have been notified:		
	(1)	Poli	ce Depart	ment	Telephone	Time
	(2)	Fire	Departme	ents		
		(a)	Phoenix	Hose, Hook & Ladder Co.	#1	
		(b)	Friendsh	nip Fire Company #2		
		(c)	West End	Fire Company #3		
	(3)	Ambu	lance Ser	vice		
	(4)	Scho	ools			
		(a)	Phoenix	ville Senior High School Vincent G. Daher Principal		
		(b)	Phoenix	ville 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	y of the Assumption Sis. John Louise Principal		

1-10

		(	g) Holy Tr	inity School Sis. Mary Da Principal	umian		-
	(	(5) H	ospital				
		(	a) Phoenix	ville Hospita	al .		
	(	(6) N	ursing Home				
		(	a) Phoenix	ville Manor			
	(	(7) M	ajor Indust	ries			
		(	a) Phoenix	Steel Corp.		-	office
		(	b) West Co				office
		(	c) SCM Pro	oducts			office
		(	d) A. P. D	leno			office
		(	e) Budd Co		-		office
		(	f) Leighto	n Industries			office
		(	g) Danco T	001			office
		(	n) Kimbert	on Kit Co.			office
		(	i) Bachmar	Co.		-	office
		(	j) Randolp	n Industries			office
		(	k) Handi-(	crafters			office
		(8) V	erification	Message:			
		t	o verify the	(name) nat you have I "General Eme nerating Stat	been notifier rgency" has	ed that an in	I would like cident classi- d a the
	c. 1	Procee	d to Step 3	3.			
2.	Noti	fy the	Following:				
	a. :	Specia	l Facilitie	es			
		Phoeni	xville Sen	ior Citizens		Elaine Smith Jonna Baker	THE
		King T	errace Nurs	sing Home		Joinia Daker	

Contact: Chester County Housing Authority
Fred Brown

b.	Mess	aye							
	clas		ation of	ame) Informat 'General Emeryency' ng Station." (Provi	has been declared a	it the			
If	escal	ation	from Al	ert or if proceeding	from Step 1, then:				
a.	If r	ecomm	ended pr	otective action is <u>e</u>	vacuation:				
	(1)	Relo	cate to	alternate EOC after	population has depar	ted.			
b.		ermin owing		reduction of classi	fication, verify/not	ify the			
	(1)	Veri	fication						
	(a)	Poli	ce Depar	tment	Telephone	Time			
	(b)	Fire	Departm	ents					
		(1)	Phoenix	Hose, Hook & Ladder	Co. #1				
		(2)	Friends	hip Fire Company #2					
		(3)	West En	d Fire Company #3					
	(c)	Ambu	Ambulance Service						
	(d)	Schools							
		(1)	Phoenix	ville Senior High Sc Vincent G. Daher Principal	hool				
		(2)	Pnoenix	ville Junior High Sc David Stewart Principal	hool				
		(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	
		(7)	Holy Trinity School Sis. Mary Damian Principal	
	(e)	Hosp	oital	
		(1)	Phoenixville Hospital	_
	(f)	Nurs	ing Home	
		(1)	Phoenixville Manor	
	(g)	Majo	or Industries	
		(1)	Phoenix Steel Corp.	office
		(2)	West Co.	office
		(3)	SCM Products	office
		(4)	A. P. Deno	office
		(5)	Budd Co.	office
		(6)	Leighton Industries	office
		(7)	Danco Tool	office
		(8)	Kimberton Kit Co.	office
		(9)	Bachman Co.	ffice
		(10)	Randolph Industries	office
		(11)	Handi-Crafters	office
	(h)	Veri	fication Message:	
		like at t	to verify that you have been in the Limerick Generating Station	notified that the emergency
:)	Not	ificat		
	(a)	Spec	cial Facilities	

(1) Phoenixville Senior Citizens Center Elaine Smith Donna Baker

(2) King Terrace Nursing Home
Contact: Chester County Housing Auhority
Fred Brown

(b) Messaye

"T!	nis	is	(	name) ,	Informa	tion	Uffi	cer.	The	emergency
at	the	L	imerick	Generating	Station	has	been	termi	inate	ed/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 \_\_\_\_

# ANNEX A

# Implementing Procedure

# Emergency Management Coordinator\*

Emergency Management Coordinator: Norman Vutz

Alternate: Herman A John

UNUS	UAL E	VENT
1.	If	notified, document:
	a.	Date:
	b.	Time:
	с.	Source:
	d.	Details:
	е.	Actions Recommended:
	f.	Actions Taken:

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

		Have key staff report to EUC.		
3.	Ver	rify that the following have been notified:		
			Telephone	Time
	a.	Police Department		
	b.	Valley Forge Fire Department		11:34
	с.	Verification Message:		
		"This is(name & title) . I would like to been notified that an incident classification declared at the Limerick Generatiny Station."	of 'Alert' has	ou have been
4.	Rep	port to and activate local Emergency Operations	Center (EUC).	
	a.	Activated		
	<b>b</b> .	(time) County Municipal Liaison Officer notified of 6160)	EOC activation.	(431-
	с.	Check communication systems for operability.	(time)	
	d.	Establish EOC security. (time)	(time)	
	e.	Monitor EBS station WCOJ 1420 AM.		
	f.	Ensure Route Alert Teams have been mobilized		
		(time)		
	9.	If public alert system has been activated, no impaired.	tiry nearing	
	h.	(time) In the event of a siren failure, receive noti County that appropriate Route Alert Teams hav		
		(time)		
	1.	Verify the County has assigned an ARES unit t	o the Township I	EUC.
	j.	(time) Loy all incoming messages that provide inform response. Post pertinent data on status boar		e a
5.	Ver	rify that the following have been notified:		
			Telephone	Time
	a.	School's		
		(1) Schuylkill Township Frank Orlando, Elementary Principa!	office	

		(5)	Phoenixville Area Junior High	David Stewart, Principal	office
		(3)	Northern Chester Co. Vo./Tech. School	Robert Zimmerman Director	office
		(4)	Valley Forge Christian Academy	Scott Nason Administrator	office
	b.	Majo	r Industries		
		(1)	American Inks and Coating Corp.	David Smith	home
		(2)	McAvoy Vitrified Brick Company	R. Kimbel Colket	nome office
		(3)	West Company		homeoffice
	с.	Veri	fication Message:		
		been dec1	notified that an inc ared at the Limerick	ident classification of	verify that you have of 'Alert' has been
6.			ne followiny:		
	a.	Spec	ial Facilities		
		(1)	YMCA Baker Park		home office
	b.	Mess	age:		
			s is <u>(name/ti</u> Alert has been decla	tle) . An inci red at the Limerick Ge	ident classification enerating Station."
		Note	: This is provided f are normally requ		oses only. No actions
7.		ure A nship		the County ARES base	upon arrival at the
8.		ort a	ll unmet needs to the (time)	County Municipal Lia	ison Officer (431-

	a.	Date	:		
	b.	Time			
	c.	Sour	ce:		
	d.	Disposition			
		(1)	Termination		
		(2)	Escalation		
		(3)	Reduction		
11.	If ter	escal minat	ation, accomplish appropriate Implement ion or reduction of classification, ver	ing Procedure. If ify/notify the foll	owing:
	a.	Veri	fication:	Telephone 1	ime
		(1)	Police Department		
		(2)	Valley Forge Fire Department		
		(3)	Schools		
			(a) Schuylkill Township Frank Orlando, Elementary Principal	ffice	
			(b) Phoenixville Area David Stewart, Junior High Principal	office	
			(c) Northern Chester Co. Robert Zimmerman Vo./Tech. Sch. Director	office	
			(d) Valley Forge Scott Nason Christian Academy Adm.	office	
		(4)	Major Industries		
			(a) American Inks and Coatiny Corp.  David Smith	home	

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

		(b) McAvoy Vitrified Brick Comp R. Kimbel C		
		(c) West Company	home office	
	(5)	Verification Message:		
		"This is <u>(name/title)</u> . I we have been notified that the emer Generating Station has been term Event."	gency at the Limerick	
b.	Noti	fication:		
	(1)	Elected Officials	Telephone	Time
		Herman A. John	home	
		Lawrence Drake	office nome	
		R. Kimbel Colket	home	
		Norman Vutz	home	
		Edward Stoeber	home office	
	(2)	Special Facilities		
		(a) YMCA Baker Park	home office	
	(3)	Message:		
		"This is (name/title) Limerick Generating Station has Unusual Event."	. The energency at been terminated/reduced	tne to
Doma	rvel	Actions Taken:		

	(3)	Transportation Officer	home	
			office	
		or	nome	Cold Cal
		Deputy	office	
	Have	e key staff report to EUC.		
3.	Verify	that the following have been notified:		
			Telephone	Time
	a. Pol	ice Department		
	b. Val	ley Forge Fire Department		
	c. Ver	ification Message:		
	bee	is is <u>(name/title)</u> . I would like n notified that a 'Site Emeryency' has b erick Generating Station."		
4.	Report	to and activate the local Emergency Open	rations Center.	
	a. Act	ivated(time)		
	b. Cou 616	nty Municipal Liaison Officer notified	of EUC activation.	(431-
	c. Com	munications system checked for operabil	itv.	
			(time)	
	d. Est	ablish EOC security.		
	e. Mon	itor EBS station WCOJ 1420 AM. (time)	20	
	f. Ens	ure Route Alert Teams have been mobilize		
		time)		
	-	the public alert system has been activation	ted, notify hearin	ly
	n. Ver	(time) ify the County has assigned an ARES uni	t to the Township	EOC.
	_	(time)		
		the event of a siren failure, receive no nty that appropriate Route Alert Teams I		
		all incoming messages that provide infe ponse. Post all pertinent data on state		e a
5.		ditional emergency personnel report to on), or where needed. (time)	the EUC (for 24-no	our

6.	wor	kers	on stan	ropriate EOC dby status.	staff have placed to	their respective	emergency				
7.	Ver	(time) Verify that the following have been notified:									
	a.	Pub	lic/Paro	chial Schools		Telephone	Time				
		(1)	Schuyl	kill Township							
				Elementary	Frank Urlando, Principal	office					
		(2)	Phoeni	xville Area							
				Junior High	David Stewart, Principal	office					
		(3)	Northe	rn Chester Co							
				Vo./Tech. Sc	Robert Zimmerman h. Director	ffice					
		(4)	Valley	Forge Christian Ac	Scott Nason ademy Adm.	office					
	b.	Majo	or Indus	tries							
		(1)		an Inks and iny Corp.	David Smith	nome office					
		(2)		Vitrified k Company	R. Kimbel Colket	nome office					
		(3)	West C	ompany		nome office					
	с.	Veri	fication	n Message:							
		been	s is notific been de	(name/title) ed that an in- clared at the	. I would like cident classificati Limerick Generation	to verify that yo on of 'Site Emery og Station."	ou have gency'				
8.	Not	ify t	ne follo	owiny:							
	a.	Spec	ial Fac	ilities		Telephone	Time				
		(1)	YMCA B	aker Park	-	home	e				
	b.	Mess	age:								
		of '	s is Site Eme	eryency' has I	itle) . An been declared at the opriate instruction	e Limerick Genera	ication sting				

	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 Fire Ufficer contacts the County Fire Ufficer.
	10.	(time)  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 Office aware of any problem areas.  (time)
	12.	Ensure ARES operator contacts the County ARES base upon arrival at the Township EUC. (time)
1	13.	Report all unmet needs to the County Municipal Liaison Officer (431-6160)
	14.	(time) 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) Schuyik	iii lownship		
	Eleme	Frank Urlan entary Principal		
	(b) Phoenix	ville Area	at a section	
	Junio	David Stewa or High Principal		
		n Chester Co. Robert Zimm Tech. Sch. Director	merman office	
		Forge Scott N stian Academy Adm.		
(4)	Major Indust	ries		
	(a) America	an Inks and Coating ( David Smith		
	(b) McAvoy	Vitrified Brick Comp R. Kimbel	colket nome office	
	(c) West Co	ompany	home	
(5)	Verification	n Messaye:		
	been notifi	(name/title) . I ed that the emergency been terminated/red	would like to verify you at the Limerick General	ou have
Noti	fication			
(1)	Elected Off	icials	Telephone	Time
	Herman A. J	ohn	nome office	
	Lawrence Dr	ake	home	
	R. Kimbel C	olket	home office	
	Norman Vutz		home	
	Edward Stoe	ber	office home office	

	(2)	Special F	acilities		
		(a) YMCA	A Baker Park		home office
	(3)	Message:			
		"This is Limerick		/title) ation has been	. The emergency at the terminated/reduced to
17.	Remarks/	Actions Ta	ken:		

		(3) Transportation Officer	home office home
		Deputy	office
		Have key staff report to EUC.	
3.	Ver	ify 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 been notified that a 'General Emergency' Limerick Generating Station. The recomme	has been declared at the
4.	Rep	ort to and activate the local Emergency Op	erations Center.
	a.	Activated	
	b.	County Municipal Officer notified of EUC (time)	activation. (431-
	с.	Communications system checked for operabi	lity(time)
	d.	Establish EOC security.	(cime)
	e.	Monitor EBS station WCOJ 1420 AM.	
	f.	Ensure Route Alert Teams have been mobili	ime) zed as necessary.
	g.	(time) Verify the County has assigned an ARES un	it to the Township EUC.
	h.	(time) Log all incoming messages that provide in response. Post all pertinent data on sta	
5.		sure that all necessary emergency response e EUC, where needed, or to pre-assigned loc	
6.	Ver	rify that the following have been notified:	
	a.	Public/Parochial Schools	Telephone Time
		(1) Schuylkill Township Frank Urlando, Flementary Reinsinal	office

(3)	Junior High	David Stewart, ¶	office	
(3)				
	Northern Chester Co.	Robert Zimmerman	office	
(4)	Valley Forge Christian Aca	Scott Nason addemy Adm.	office	
b. Maj	or Industries			
(1)	American Inks and Coating Corp.	David Smith	nome office	
(2)	McAvoy Vitrified Brick Company	R. Kimbel Colket	nome	
(3)	West Company		home office	
c. Ver	ification Message:			
Lim	erick Generating Stati	on. The recommended	protective action	on is
a. Spe	cial Facilities		Telephone	Time
(1)	YMCA Baker Park	1	home	
b. Mes	saye:			
bee	n declared at the Lime	rick Generating Stat	eneral Emergency'	has ended
Not			en determined, ins	struct
Verify	Resource Availability:			
invento parts i	ries and have reported	deficiencies to the example, the Municip	eir respective cou	
	b. Maj (1) (2) (3) c. Ver "Th bee Lim  Notify a. Spe (1) b. Mes "Th bee pro Not Verify Ensure invento	Christian Aca  b. Major Industries  (1) American Inks and Coating Corp.  (2) McAvoy Vitrified Brick Company  (3) West Company  c. Verification Message:  "This is (name/title) been notified that a 'Gentlimerick Generating Station."  Notify the following:  a. Special Facilities  (1) YMCA Baker Park  b. Message:  "This is (name/title) in the declared at the Lime protective action is in the Note: If a protective action is inventories and have reported inve	Christian Academy Adm.  b. Major Industries  (1) American Inks and David Smith Coating Corp.  (2) McAvoy Vitrified R. Kimbel Colket Brick Company  (3) West Company  c. Verification Message:  "This is (name/title) I would like to been notified that a 'General Emergency' has Limerick Generating Station. The recommended."  Notify the following:  a. Special Facilities  (1) YMCA Baker Park  b. Message:  "This is (name/title) A 'Ge been declared at the Limerick Generating Station been declared at the Limerick Generating Station protective action is "  Note: If a protective action has not yet been them to tune to the EBS station.  Verify Resource Availability:  Ensure appropriate EOC staff have reviewed their inventories and have reported deficiencies to the	Christian Academy Adm.  b. Major Industries  (1) American Inks and David Smith Coating Corp.  (2) McAvoy Vitrified R. Kimbel Colket Brick Company  (3) West Company  ———————————————————————————————————

9.	Ensure Fire 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 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 ()fficer (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 siren failure, receive notification from the County that appropriate Route Alert Teams have been dipatched. (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 faiure, 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)

	y.			vacuation proces nicipal Liaison	Officer.		the
		(1)			(time		
		(2)					
		(3)					
15.	Mai	ntain	Gene	ral Emeryency s	tatus until:		
	a.	Redu	ction	of classificat	ion.		
	b.	Term	inati	on of emeryency	(time)		
	c.	EOC	must	be evacuated.	(time)		
16.				of classification	(time) on or termination o	of emergency, no	tify/
	a.	Veri	ficat	ion:			
						Telephone	Time
		(1)	Poli	ce Department			
		(2)	Vall	ey Forge Fire D	epartment		
		(3)	Publ	ic/Parochial Sc	hools		
			(a)	Schuylkill Tow Elementary	nship Frank Urlando, Principal	offic	e
			(b)	Phoenixville A	rea David Stewart, Principal	offic	e
			(c)	Northern Chest	er Co. Robert Zimmerman h. Director	offic	e
			(d)	Valley Forge Christian Ac	Scott Nason ademy Adm.	ffic	е
		(4)	Majo	r Industries			
			(a)	American Inks	and Coating Corp. David Smith	home	e
			(D)	McAvoy Vitrifi	ed Brick Company R. Kimbel Colket	nome office	e

	(c) West Company	home office
(5)	Verification Message:	
	"This is <u>(name/title)</u> . been notified that the emeryen Station has been terminated/re	I would like to verify you have cy at the Limerick Generating duced to"
b. Not	ification	
(1)	Elected Officials	Telephone Time
	Herman A. John	home
	Lawrence Drake	home
	R. Kimbel Colket	home office
	Norman Vutz	nome office
	Edward Stoeber	home office
(2)	Special Facilities	
	(a) YMCA Baker Park	nome
(3)	Message:	
	Limerick Generating Station ha	. The emergency at the s been terminated/reduced to instructions as appropriate.
If the E	OC must be evacuated:	
a. If p	possible, wait until the municip	ality has been evacuated before
b. Seci	ure the facility and proceed to	alternate EUC.
	ify Chester County Municipal Lia ernate EUC. (time)	ison Officer upon your arrival a

17.

18.

Remarks/Actions Taken:

### ANNEX C

### Implementing Procedure

### Fire Services\*

	Fire Services Offi Altern	
NUSUAL EVENT		

## ALERT

The Fire Services Officer shall:

Generating Station.

1. Upon request of Emeryency Management Coordinator, report to the EOC.

No response necessary unless Fire Services are requested at the Limerick

- (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).
- 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.
- Maintain Alert status until notified of termination, escalation or reduction of classification.
- 7. Remarks/Actions Taken:

<sup>\*</sup>Note: This procedure has been modified to include Radiological Procedures.

## Fire Services

# SITE EMERGENCY

The Fire Services Officer shall:

1.	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).
	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 EUC, Fire Services at 431-6160.
	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 Unusua Event, then:						
	a. Report to the EOC. (time)						
	b. Ensure mobilization of sufficient personnel to meet Route Alert 7 requirements and make assignments to vehicles (reference Appendix 2).  (time)	ea c (					
	c. Mobilize additional fire personnel and have them report to fire station (reference Appendix C-1).						
	d. Inventory dosimeters/KI and prepare for distribution; if applicate complete a Receipt Form for Dosimetry-Survey Meters-KI (reference Appendix C-5). (time)						
	e. Distribute dosimeters/KI to municipal emergency workers and EUC staff (reference Appendix C-4); obtain a signed receipt (reference Appendix C-6).  (time)	e					
	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)  D. Inform County EUC 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 EUC.						
4.	(time) Remarks/Actions Taken:						

### ROUTE ALERTING PROCEDURES

#### I. 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. PURPUSE

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, priodically activating the venicle 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 leam: Valley	Forge Fire Department
Leader: *	
Assistant: *	
Transient Location:	None
Hearing Impaired: List are on file	in the EUC.
Sector No. 68-8 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 EUC.

<sup>\*</sup>Route Alert Teams will be determined at the time of a incident based upon available manpower. Names are on file in Township EJC.

### 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	O Ambulances	5 Ambulances

BURUUGH OF SPRING CITY

CHESTER COUNTY

RADIOLOGICAL EMERGENCY RESPONSE PLAN

FUR INCIDENTS AT THE

LIMERICK GENERATING STATION

IMPLEMENTING PROCEDURES

APRIL 1984

Copy Number \_\_\_\_

Draft 5 Rev 7/13/84

		Deputy	home	N 100 C
			office	
		Fire Services Officer		
			home	100
			office	
		Deputy	home	
			office	
		Ampulance Service Officer		
			home	12000
			office	
		Deputy	home	
			office	
		Have key staff report to EOC. (time)		
3.	Ver	rify that the following have been notified:		
			Telephone	Time
	a.	Spring City Police Department	Terephone	Time
	b.	Liberty Fire Company		
	c.	Spring City Area Ambulance		
	d.	Spring Ford Rescue Squad		
	e.	Verification Message:		
		"This is <u>(name &amp; title)</u> . I would like been notified that an incident classificate declared at the Limerick Generating Station	ion of 'Alert' h	you have as been
4.	Rep	port to and activate local Emergency Operation	ons Center (EOC)	
	a.	Activated.		
		(time)	e Euc	
	b.	County Municipal Liaison Officer notified of activation.  (time)	JI EUC	
	c.	Check communication systems for operablilit	y.	
			(time)	
	d.	Establish EOC security. (time)		
	e.	Monitor EBS station WCOJ 1420 AM. (til	ne)	
	f.	Ensure Route Alert Teams have been mobilize		
	g.	(time)  If public alert system has been activated, impaired.	notify hearing	
		(time)		

		failure receive notification from the County alert teams have been dispatched.
	i. Verify the County has a	ssigned an ARES unit to the Borough EOC.
	j. Log all incoming messag response. Post pertine	es that provide information or require a nt information on status board.
5.	Verify that the following h	ave been notified:
	a. Major Industries	Telephone Time
	Mingo Foundery	Merril Adams President
	Spring City Foundery	Samuel Marcus President
	La Salle Steel	Richard Treder General Manager
	Valley Forge Flag Co.	Anna Marie Davis Manager
	b. Verification Message:	
	have been notified that	le) . I would like to verify that you an incident classification of 'Alert' has merick Generating Station."
6.	Ensure ARES operator contact Borough EOC. (time)	ts the County ARES base upon arrival at the
7.		procedures in the event of escalation.
8.	Report all unmet needs to t Officer. (time)	he County Municipal Liaison
9.		notified of termination, escalation or :
	a. Date:	
	b. Time:	
	c. Source:	
	d. Disposition	
	(1) Termination	
	(2) Escalation	

		(3)	Reduction			
10.			ation, accomplish app tion, verify/notify th		ting Procedure.	If
	a.	. Verification:				
					Telephone	Time
		(1)	Spring City Police D	epartment		
		(2)	Liberty Fire Company			
		(3)	Spring City Area Amb	ulance		
		(4)	Spring Ford Rescue S	quad		
		(5)	Major Industries			
			Minyo Foundery	Merril Adams President		
			Spring City Foundery	Samuel Marcus President		_
			La Salle Steel	Richard Treder General Manager		
			Valley Forge Flag Co	Anna Marie Davis Manayer	-	
		(6)	Verification Message			
			"This is <u>(name/t</u> have been notified t Generating Station h Event."		at the Limerick	
	b.	Noti	fication:			
		(1)	Elected Officials	1	[elephone	Time
			Mayor: C. Neal McCl	ellan	home	
			Richard Latshaw		home	
			Harold Snaith	-1	home	
			Eugene McVeigh	-5	nome	

	Earl Fries			nome	
	E. Shaner			home	
	Paul Kocher			nome	
	H. Blare Hipple			home	
	Edwin Roussey		411	home office	
(2)	Message:				
	"This is Limerick General Unusual Event."	(name/title) ting Station has		emeryency at the ated/reduced to	е

11. Remarks/Action Taken:

	b.	Key Staff	
		Police Service Officer	
		hoine	
		office	
		Deputy home	
		office	
		Fire Services Officer home	
		office	
		Deputy home	
		office	
		Ambulance Service Officer	
		h ome	No.
		office	
		Deputy home	
		office	
		Have key staff report to EUC.	
3.	Ver	(time) rify that the following have been notified:	
		Telephone Ti	те
	a.	Spring City Police Department	me .
	b.	Liberty Fire Company	
		Spring City Area Ambulance	
	d.	Spring Ford Rescue Squad	
	e.	Verification Message:	
		"This is <u>(name/title)</u> . I would like to verify that you been notified that a 'Site Emergency' has been declared at the Limerick Generating Station."	have
4.	Rep	port to and activate the local Emergency Operations Center	
	a.	Activated(time)	
	b.	County Municipal Liaison Officer notified of EUC	
		(time)	
	с.	Communication system checked for operability. (time)	
	d.	Establish EOC security.	
		(time)	
	e.	Monitor EBS station WCOJ 1420 AM. (time)	
		(cine)	

	f.	Ensure Route Alert Team	s have been mobilized as necessary.	
		(time)		
	g.	impaired.	tem has been activated, notify hearing	
	h.	(time) In the event of a siren	failure receive notification from the C	ounty
			alert teams have been dispatched.	
		las all facemins mass.		time)
	1.		es that provide information or require a nt information on status board.	
	j.		ssigned an ARES unit to the Borough EUC.	
		(time)		
		(cime)		
5.		e additional emergency pration), or where needed	ersonnel report to the EUC (for 24-hour	
6.		ure that appropriate EOC kers on standby status.	staff have placed their respective emer	'yency
7	Von	if that the following h	(time)	
7.	ver	ify that the following h		Time
	a.	Major Industries		
		Minyo Foundery	Merril Adams President	
		Spring City Foundery	Samuel Marcus President	
		La Salle Steel	Richard Treder General Manager	
		Valley Forge Flag Co.	Anna Marie Davis	
	D.	Verification Message:		
		"This is <u>(name/title</u> been notified that an in has been declared at the	e) . I would like to verify that you noident classification of 'Site Emeryence Limerick Generating Station."	have y'
8.	Ver	ify Resource Availabilit	y:	
	inv	entories and have report		e iter-
9.		kers.	(time) r has distributed dosimeters/KI to emery	lency
10	Vari	(time)	EUC staff, i.e., there is no constructi	on or
10.	oth	er activity which would	hinder movement of personnel or vehicles	0.1 01

		the area. Ensure th are aware of any prob	lat the Ambulance Service Officer and the lem areas.  (time)	е
11.	Ensure Borough		s the County ARES base upon arrival at	the
12.	Review		rocedures in the event of escalation.	
13.	Report		e County Municipal Liaison	
14.			us until notified of termination, escal on:	ation
	a. Dat	e:		
	b. Tim	e:		
	c. Sou	rce:		
	d. Dis	position:		
	(1)	Termination		
	(2)	Escalation		
	(3)	Reduction		
15.			propriate Implementing Procedure. If classification, notify/verify the follow	wing:
	a. Ver	ification:		
	(1)	Spring City Police		me
	(2)	Liberty Fire Compan	y	
	(3)	Spring City Area Am	bulance	
	(4)	Spring Ford Rescue	Squad	
	(5)	Major Industries		
		Mingo Foundery	Merril Adams President -	
		Spring City Founder	Samuel Marcus President	
		La Salle Steel	Richard Treder General Manayer	

	Anna Marie i Manager	Davis 948-4900	700
(6)	Verification Message:		
	"This is <u>(name/title)</u> . been notified that the emergency Station has been terminated/reduced.	at the Limerick Genera	
b. Noti	fication		
(1)	Elected Officials	Telephone	Time
(1)	Mayor: C. Neal McClellan	home	
	Richard Latshaw	home	
	Harold Snaith	home	
	Eugene McVeigh	home	
	Earl Fries	home	
	E. Shaner	home	
	Paul Kocher	home	
	H. Blare Hipple	home	
	Edwin Roussey	home	
(2)	Messaye:		
	"This is (name/title) Limerick Generating Station has	. The emergency a	

16. Remarks/Actions Taken:

	b.	Key Staff		
		Police Service Officer		
			home	10000
			office	
		Deputy	home	
			office	
		Fire Services Officer		
			home office	-
			Office	
		Deputy	home	
			office	-
		Ambulance Service Officer		
		A Statute of the Property of t	home	
		200 - 190 - 190 - 190 - 190 - 190 - 190 - 190 - 190 - 190 - 190 - 190 - 190 - 190 - 190 - 190 - 190 - 190 - 1	office	
		Deputy	home	
			office	
		Have key staff report to EOC.		
3.	Ver	(time) rify that the following have been notified:		
	a.	Spring City Police Department	Telephone	Time
	b.	Liberty Fire Company		
	с.	Spring City Area Ambulance		
	d.	Spring Ford Rescue Squad		
	e.	Verification Message:		
		"This is <u>(name/title)</u> . I would like been notified that a 'General Emergency' has Limerick Generating Station. The recommende	been declared	at the
4.	Rep	ort to and activate the local Emergency Opera	ations Center.	
	a.	Activated(time)		
	b.	County Municipal Liaison Officer notified of activation.  (time)	FEOC	
	c.	Communication system checked for operability		
	4	Establish FOC eccupity	(time)	
	u.	Establish EOC security. (time)		

	e.	Monitor EBS Station WCU.		100	
	f.	Ensure Route Alert Teams	tim) s have been mobilize		
	y.	(time) Verify the County has as	ssigned an ARES unit	to the Borough EJC.	
		(time)			
	h.	Log all incoming message response. Post pertiner			
5.		ure that all necessary en EUC, where needed, or to		ion.	to
6.	Ver	ify that the following ha	ave been notified:	(time)	
	a.	Major Industries		Telephone Tim	ne
		Mingo Foundery	Merril Adams President	_	
		Spring City Foundery	Samuel Marcus President		
		La Salle Steel	Richard Treder General Manager	_	
		Valley Forge Flag Co.	Anna Marie Davis Manager		
	b.	Verification Message:			
		"This is <u>(name/title</u> been notified that a 'Ge Limerick Generating Stat	eneral Emergency' ha		2
7.	Ver	ify Resource Availability	<b>/:</b>		
	inve	ure appropriate EOC staff entories and have reporte ts in the County EOC; for icer contacts County Fire	ed deficiencies to t example, the Munic	heir respective counte ipal Fire Services	r-
8.	Enci	ure Fire Services Officer	has distributed do	(time)	
0.		kers. (time)	nas distributed do	simeters/ki to emergen	ic y
9.	to/	iew road conditions with er activity which would he from the area. Ensure the County are aware of any	ninder movement of p nat the Medical/Ambu	ersonnel or vehicles lance Service Officer	
10.	Ensi	ure ARES operator contact	s the County ARES h	(time) ase upon arrival at th	e
		The she was and an industry			75

	Borough Eoc.
11.	(time) 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.
12.	If evacuation is ordered: (time
	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.
	c. In the event of a siren failure receive notification from the County that appropriate route alert teams have been dispatched.
	d. Ensure Traffic Control Points are manned. (time)
	(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.
	f. Advise County Municipal Liaison Officer of any additional unmet needs.
	(1)
	(2)
	(3)
	y. Monitor evacuation process and report any problem areas to the County Municipal Liaison Officer.
	(1)
	(2)
	(3)
13.	Maintain General Emeryency status until:
	a. Reduction of classification.
	b. Termination of emergency. (time)

	с.	EUC	must be	evacuated	1	/time)				
14.	(time)  If reduction of classification or termination of emergency, notify/ verify the following:									
	a.	Verification:								
		(1)	Spring	City Poli	ice D	epartment		Telephone	2	Time
		(2)	Libert	y Fire Con	npany		7			
		(3)	Spring	City Area	Amb	ulance				
		(4)	Spring	Ford Reso	ue S	quad	7		2	
		(5)	Major	Industries						
			Mingo	Foundery		Merril Adam President	ns (		•	
			Spring	City Four	ndery	Samuel Marc President	cus		•	
			La Sal	le Steel		Richard Tre General Mar	ALCOHOL: A CONTRACT OF THE PARTY OF THE PART		•	
			Valley	Forge Fla	ag Co	Anna Marie Manayer	Davis		•	
		(6)	Verifi	cation Me	sage	:				
			been n	otified th	nat t	ne emergency minated/redu	at the	Limeric	k Genera	
	b.	Noti	fy:							
		(1)	Electe	d Officia	s		Te	lephone		Time
			Mayor:	C. Neal	McC1	ellan	4	h	ome	
			Richar	d Latshaw			1	h	ome	
			Harold	Snaith					ome ffice	
			Euyene	McVeigh			4	The second second	ome ffice	
			Earl F	ries			-6	no no	ome	

		E. Shaner hom	e
		Paul Kocherhome	e
		H. Blare Hipple	Management and the Control of the Co
		Edwin Roussey	-
	(2)	Message:	
		"This is <u>(name/title)</u> . The emery Limerick Generating Station has been terminated/r.  Provide instructions as ap	educed to
5.	If the B	EUC must be evacuated:	
		possible, wait until the municipality has been evac ving the EOC. (time)	uated before
		ure the facility and proceed to alternate EOC locat nty Library , Exton. (time)	ed at Chester
	c. Noti	ify Chester County Municipal Liaison Officer upon yearnate EUC located at Chester County Library, Exton	
6.	Remarks	/Actions Taken:	(time)

#### 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.
- 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:

<sup>\*</sup>Note: This procedure has been modified to juclude Public Works Procedures.

## Police Services

# SITE EMERGENCY

The Police Services Officer shall:

	Trice Services Officer Shart.				
1.	If this is the first notification received or if escalation from Unusu. 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. Modilize, 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.				
	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 appropriat steps indicated in the General Emergency section).				
3.	Upon termination of emergency, have emergency workers return dosimeters/unused KI to Borough Fire Services Officer.				
4.	Remarks/Actions Taken: (time)				

## Police Services

## GENERAL EMERGENCY

The Police Services Officer shall:

1.		this is the first notification received or if escalation from Unusuant, then:
	a.	Report to the EUC. (time)
	b.	Mobilize additional police personnel and have them report to Police Department Office (reference Appendix B-1).  (time)
	с.	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
		(2) Public Works Officer
	d.	(time)  Ensure police and public work emergency workers have been issued dosimeters KI.
	e.	(time) Monitor weather conditions.
		(time)
	f.	Proceed to Step 2.
2.		escalation from Alert or Site Emergency, or if proceeding from pi, then:
	a.	Mobilize public works equipment operators and have them report to public works garage.  (time)
	b.	
		The second secon
		(1) If requested, have Police Department personnel assist Fire Department with route alertiny (reference Fire Services Implementing Procedure).
		(time)
		(2) Initiate increased security measures, i.e., increase vehicular patrols conditions permitting.
	c.	(time) 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) Upon termination of emer ancy, have emergency workers return dosimeters/unused KI to Borough Fire Services Officer. 3. (time) Remarks/Actions Taken: 4.

#### 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:

- Upon request of Emeryency 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-5).
- If required, ensure mobilization of sufficient personnel to meet Route Alert Team requirements (reference Appendix C-2).
- 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:

<sup>\*</sup>Note: This procedure has been modified to included Radiological Procedures.

## Fire and Rescue Services

## SITE EMERGENCY

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).
	c. Inventory dosimeters/KI and prepare for distribution; if applicable, complete a receipt form for Dosimetry-Survey Meters-KI (reference Appendix C-5).
	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).
	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.
	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.
4.	Remarks/Actions Taken: (time)

### 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 Unusu Event, then:	ia i
	a. Report to the EUC.	
	requirements (reference Appendix C-2).  (time)	eam
	to Fire or Rescue Stations (reference Appendix C-1).	:
	Inventory dosimeters/KI and prepare for distribution; if applicable complete a receipt form for Dosimetry-Survey Meters-KI (reference Appendix C-5).  (time)	e,
	e. Distribute dosimeters/KI to municipal emergency workers and EUC staff (reference Appendix C-4); obtain a signed receipt (reference Appendix C-6).	2
	f. Review fire and rescue personnel/equipment inventory (reference Appendix C-1), verify availability, and report unmet needs to Cour EOC, Fire and Rescue Services.  (time)	ity
	Proceed to Step 2.	
2.	If escalation from Alert or Site Emeryency, or if proceeding from Step 1, then:	
	. Monitor route alerting. (time)	
	that Fire and Rescue Departments relocate to Lionville Fire Department.  (time)	
	. Relocate to alternate EOC.	
3.	orkers, inventory, and prepare for return to County EUC. (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. PURPUSE

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. PRUCEDURES

- 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.

### RUUTE ALERT TEAMS AND MAPS

Sector No. 63-A Alert leam: 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 EUC.
Sector No. 63-C Alert Team: Liberty Fire Department
Leader: *
Assistant: *
Transient Location: None
Hearing Impaired List are on file in the EUC.

<sup>\*</sup>Route Alert Teams will be determined at the time of an incident based upon available manpower. Names are on file in Municipal EDC.

## 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:

	Arcernace. (name)
NUSU	AL EVENT
	sponse required unless ambulance services are required at the Limerick ating Station.
LERT	
he A	mbulance Services Officer shall:
1.	Upon request of the Emergency Management Coordinator, report to the EUC.
2.	(time) 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.
	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).
4.	(time) Review remaining emergency procedures in the event of escalation.
5.	Raintain 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.

(name)

## Ambulance Services

## SITE EMERGENCY

The Ambulance Services Officer shall:

1.		this is the first notification received or if escalation from Unusual ent, then:
	а.	Report to the EUC. (time)
	b.	Update the list of those individuals requiring special assistance in the event of evacuation (reference Appendix D-2).
		(1) Notify County Medical Coordinator of changes in the list of those individuals requiring ambulance support.
		(2) Notify County Transportation Officer of changes in the list of those individuals requiring special transportation support other than ambulance.
	с.	Update the list of those individuals who do not normally have transportation available 24-hours a day (reference Appendix D-5).
	d.	(time)  Review transportation resource requirements (reference Appendix D-3).  (time)
	е.	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).
	D.	Review personnel/equipment inventory (reference Appendix D-1), verify availability, and report unmet needs to County Medical Coordinator.  (time)
	с.	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.
		termination of emergency, have emergency workers return imeters/unused KI to Borough Fire Services Officer.
	Rem	arks/Actions Taken: (time)
	1450111	MI NOTITIVE TUNCTI.

### 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).				
		(1) Notify County Medical Coordinator of changes in the list of those individuals requiring ambulance support.				
		(2) Notify County Transportation Ufficer 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 Office $R$ .				
	d.	Mobilize additional ambulance personnel and have them report to Ambulance Station (reference Appendix D-1).				
	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)				
	y.	Ensure ambulance emergency workers have been issued dosimeters-KI.				
	h.	(time) Proceed to Step 2.				
2.		escalation from Alert or Site Emeryency, or if proceeding from up 1, then:				
	a.	If recommended protective action is <u>evacuation</u> , 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)				

0-3

(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.

(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 pickedup for each vehicle including ambulances.

- (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 vehilces to reception facilities.
- (7) After population has evacuated, ensure ambulance service relocates to Lionville Fire Department.
- (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 \_\_\_\_

#### 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. Emeryency 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 Ufficer

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

3.	Verify that the following have been notified:						
	a.	Fire Department - Glenmoore	Telephone	Time			
	b.	Verification Message:					
		"This is <u>(name &amp; title)</u> . I would like been notified that an incident classificated declared at the Limerick Generating Station	ion of 'Alert' ha	you have as been			
4.	Report to and activate local Emergency Operations Center (EOC).						
	a.	Activated (time)					
	b.		of EUC activation	1 (431-			
	с.						
	d.	Establish EOC security.	(time)				
	e.	Monitor EBS station WCOJ 1420 AM.	1.00				
	f. Ensure Route Alert Teams have been mobilized as necessary.						
	(time) g. If public alert system has been activated, notify hearing impaired.						
	h	County that appropriate Route Alert Teams					
	i.	(time) Loy all messages which provide information Post pertinent data on status board.		on.			
	j. Verify the County has assigned on ARES unit to the Township						
5.	(time) Verify that the following have been notified:						
	a.	Schools	Telephone	Time			
		(1) Pickering Valley Elementary School Mr. Carl Deutsch Principal	offic	.e			
		(2) Upattinas Sandra Hurst Director	offic	e			

	b. Major Industries			
	(1) Texas Eastern		offic	e
	(2) Budd Company		offic	e
	(3) ARCU		offic	e
	c. Verification Message:			
	"This is(name/ti you have been notified th has been declared at the	nat an incident cla	ssification of '	ify that 'Alert'
6.	Notify the following:			
	a. Special Facilities		Telephone	Time
	Marsh Creek	name/title	home	e
	b. Message:			
	"This is (name/ti of 'Alert' has been decla Note: This is provided if are normally requi	for informational p	k Generating Sta	ition."
7.	Ensure that normal police ser		ed.	
8.	Ensure ARES operator contacts Municipal EJC.	s the County ARES b	ase upon arrival	at the
9.	(time) Review remaining emergency pr	rocedures in the ev	ent of escalation	on.
10.	Report all unmet needs to the	County DES Direct	or (431-6160).	
11.	Maintain Alert status until reduction of classification.	notified of termina	tion, escalation	or or
	a. Date:			
	b. Time:			
	c. Source:			
	d. Disposition			
	(1) Termination			
	(2) Escalation			
	(3) Reduction			

		lation, accomplish appropriate Implemention or reduction of classification, v		lowing:
a.	Ver	fication:		
	(1)	Fire Department - Glenmoore	Telephone 1	ime
	(2)	Schools		
		(a) Pickering Valley Elementary Sch Mr. Carl Deutsch Principal	ool 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 <u>(name/title)</u> . I regular you have been notified that the emergenerating Station has been terminate Event."	gency at the Limerick	
b.	Noti	fication:		
	(1)	Upper Uwchlan Township Supervisors:	Telephone	Time
	(a)	Walter J. Styer, Chairman	home office	
	(b)	Charles Lobb	home office	
	(c)	Norman Shea	nome office	
	(2)	Special Facilities		
		Marsh Creek name/title	home office	
	(3)	Message:		
		"This is (name/title) Limerick Generating Station has been Unusual Event."	. The emeryency at terminated/reduced t	

# 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:

Doc	ument				
a.	Date	:			
b.	Time				
с.	Sour	ce:			
d.		ils:			
Not	ify:				
a.	Uppe	r Uwchlan Township Supervisors:	Telephon	e	Time
	(1)	Walter J. Styer, Chairman		home office	
	(2)	Charles Lobb	<b>******</b>	home office	
	(3)	Norman Shea		home office	
b.	Кеу	Staff			
	(1)	Fire Services Officer or Deputy		home office home office	=
	(2)	Medical/Ambulance Services Officer		home office	
		Deputy		home office	_
	(3)	Transportation Officer		_home _office	
		Deputy		_home _office	

	Have key starr report to EUC.							
	(time)							
3.	Verify that the following have been notified							
		Talephone	Time					
	a. Fire Department - Glenmoore	ratephone	Time					
	a. The beparement - dremmoore							
	b. Verification Message:							
	"This is (name/title) . I wo	uld like to verify	that you					
	have been notified that a 'Site Emergence							
	Limerick Generating Station."							
4.	Report to and activate the local Emergency Operations Center							
	a. Activated							
	(time)							
	b. County Municipal Liaison Officer notifie	d of EUC activation	on					
	(431-6160).							
	(time)							
	<ul> <li>Communications system checked for operate</li> </ul>							
	d Fetablich FOC security	(time)						
	d. Establish EOC security. (time)							
	e. Monitor EBS station WCOJ 1420 AM.							
		time)						
	f. Ensure Route Alert Teams have been mobil	ized as necessary						
	(time)							
	g. If public alert system has been activate	a, notity nearing	impaired.					
	(time)							
	h In the event of a siren failure, receive	notification from	n the					
	County that appropriate Route Alert Team							
	(time)							
	i. Loy all messages which provide informati	on or require act	ion.					
	Post pertinent data on status board.	(him)						
	j. Verify the County has assigned on ARES u	(time)						
	EUC.	nic to the lownsh	TP.					
	(time)							
5.	Have additional emergency personnel report t	o the EUC (for 24	-hour					
	operation), or where needed.							
6.	Ensure that appropriate EOC staff have place	d their respective	e emergency					
	workers on standby status.							
7	(time) Verify that the following have been notified							
	VELLEY LUCE LUE TOLLOWING DAVE GENER HOLLING							

8.

chaute	police emergency worker have been issue	ed dosimeters/KI.
(ti	ne)	
Maintai	remaining emergency procedures in the on Site Emergency status until notified ion, or reduction of classification:	event of escalation of termination,
a. Dat	e:	
o. Tim	e:	
c. Sou	rce:	
d. Dis	position:	
(1)	Termination	
(2)	Escalation	
(3)	Reduction	
	tion or reduction of classification, n	otify/verify the fo
(1)	Fire Department - Glenmoore	Telephone
(1)		Telephone
		001
	Schools  (a) Pickering Valley Elementary Schools  Mr. Carl Deutsch	ool office
(2)	Schools  (a) Pickering Valley Elementary Schools  Mr. Carl Deutsch  Principal  (b) Upattinas  Sandra Hurst	ool office
(2)	Schools  (a) Pickering Valley Elementary Schools  Mr. Carl Deutsch  Principal  (b) Upattinas  Sandra Hurst  Director	ool office
(2)	Schools  (a) Pickering Valley Elementary Schools  Mr. Carl Deutsch  Principal  (b) Upattinas  Sandra Hurst  Director  Major Industries	ool office
(2)	Schools  (a) Pickering Valley Elementary Schools  Mr. Carl Deutsch  Principal  (b) Upattinas  Sandra Hurst  Director  Major Industries  (a) Texas Eastern	ool office office
(3)	Schools  (a) Pickering Valley Elementary Schools  Mr. Carl Deutsch  Principal  (b) Upattinas  Sandra Hurst  Director  Major Industries  (a) Texas Eastern  (b) Budd Company	

## 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 name/title	home offic	e
(3)	Message:		
	"This is (name/title) Limerick Generating Station has be	. The emergency a en terminated/reduced	

17. Remarks/Actions Taken:

	Deputy		home office
	Have key staff re		
3.	Verify that the follo	(time) wing have been notified:	
	a. Fire Department -	Glenmoore	Telephone Time
	b. Verification Mess	aye:	
	have been notified	d that a 'General Emeryer	like to verify that you ncy' has been declared at commended protective action
4.	Report to and activate	e the local Emergency Ope	erations Center.
	a. Activated		
		ime) _iaison Officer notified	of EJC activation
	c. Communications sys	(time) stem checked for operabil	lity.
	d. Establish EOC secu		(time)
	e. Monitor EBS statio	on WCOJ 1420 AM.	
		Teams have been mobiliz	ine) zed as necessary.
		which provide information a on status board.	
	EOC.	has assigned an ARES uni	(time) t to the Township
5.	(time) Ensure that all necess the EOC, where needed,	ary emergency response p or to pre-assigned loca	personnel have reported to
6.	Verify that the follow	ring have been notified:	(time)
	a. Schools		Telephone Time
		ley Elementary School Mr. Carl Deutsch Principal	office
	(2) Upattinas	Sandra Hurst Director	office

	b. Major Industries			
	(1) Texas Eastern		office	
	(2) Budd Company	4	office	
	(3) ARCU	•	office	
	c. Verification Message:			
	"This is (name/tit have been notified that the Limerick Generating is	a 'General Emergency' ha	as been decla	red at
7.	Notify the following:			
	a. Special Facilities	Ţ	elephone	Time
	Marsh Creek	name/title	home office	
	b. Message:			
	"This is (name/t been declared at the Lim protective action is Note: If a protective a them to tune to t	erick Generating Statio " ction has not yet been	n. The recom	mended
8.	Verify Resource Availability			
	Ensure appropriate EUC staff inventories and have reporte parts in the County EUC; for Officer contacts County Trans	d deficiencies to their example, the Municipal	respective of	counter-
9.	Ensure Fire Services Officer workers and EOC staff.	has distributed dosime		nergency
10.	Review road conditions with other activity which would h to/from the area. Ensure th Public Works Officer (431-61	EUC staff, i.e., there inder movement of perso at the Transportation O	nnel or vehice officer and the	cles
11.	(time) Ensure ARES operator contact Municipal EUC.  (time)	s County ARES base upon	arrival at 1	tne
12.	Mobilize police personnel an	d have them report to p	olice station	١.
	(time)			

13.	Ens	ure police emergency workers have been issued dosimeters-KI.
14.	If	(time) sheltering is recommended:
1	4	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.  (time)
	с.	In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched.
	d.	(time) Initiate increased security measures, i.e., increase venicular patrols and man Access Control Points (reference Appendix A-1).
15.	If	(time) 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.
	d.	(time) Ensure Access Control Points have been manned (reference Appendix A-1).
	e.	(time) Ensure Traffic Control Points have been manned (reference Appendix A-1).  (time)
	f.	Assign sufficient emergency workers to Transportation Ufficer 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)
	9.	Advise County DES Municipal Liaison Officer of any additional unmet needs (431-6160). (time)
		(1)
		(2)
		(3)
		마이 그 100 100 100 100 100 100 100 100 100 1

	h.		tor evacuation process and report any probity DES Municipal Liaison Officer (431-6160)		ne
		-	(time)		
		(1)			
		(3)			
16	Wasi	100	Sananal Engageness status seril.		
16.			General Emergency status until:		
	a.	Redu	ction of cressification. (time)		
	D.	Term	fination of emergency. (time)		
17.			tion of classification or termination of enthe following:	nergency, noti	fy/
	a.	Veri	fication:		
				lephone	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 <u>(name/title)</u> . I wou have been notified that the emergency at ing Station has been terminated/reduced to	the Limerick G	enerat-
	b.	Noti	ification		
		(1)	Upper Uwchlan Township Supervisors:	phone	Time
			(1) Walter J. Styer, Chairman	home office	

13

St. WA

		2) Charles Lob		home office
		(3) Norman Shea	_	home
	(2)	Special Facilitie	es	office
		Marsh Creek	name/title	nome office
	(3)	Messaye:		
		"This is Limerick Generat	(name/title) ing Station has been te ." Provide instruction	
18.	If the E	OC must be evacua	ted:	
		oossible, wait unt ing the EOC.	il the municipality has	been evacuated before
	b. Secu	are the facility a	nd proceed to alternate	
		fy Chester County val at alternate ( time)	DES Municipal Liaison	(time) Officer upon your
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:

- 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).
- 5. Review remaining emergency procedures in the event of escalation.
- Maintain Alert status until notified of termination, escalation or reduction of classification.
- Remarks/Actions Taken:

<sup>\*</sup>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 Unusua Event, then:
	a. Report to the EUC.
	(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).
	d. Inventory dosimeters/KI and prepare for distribution. If applicable, complete a Receipt Form for Dosimetry-Survey Meters-KI (reference Appendix 8-4).
	e. Proceed to Step 2. (time)
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).
	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.
	d. Review personnel/equipment inventory (reference Appendix B-1), verify availability, and report unmet needs to County EOC, Fire Services at 431-6160.
	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.
4.	Remarks/Actions Taken: (time)

## Fire Services

## GENERAL EMERGENCY

The Fire Services Officer shall:

1.	If this is the first notification received or if escalation from Unusua Event, then:			
	a. Report to the EUC. (time)			
	<ul> <li>Ensure mobilization of sufficient personnel to meet Route Alert Tear requirements and make assignments to vehicles (reference Appendix B-2).</li> </ul>			
	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 Emeryency, 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. 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 DUSIMETRY-KI LIST

	AGENCY	NUMBER OF EMERGENCY WURKERS
Α.	Municipal Emergency Management Agency	
	Upper Uwchlan Township EUC	14
в.	Fire Companies	
	Glenmoore Fire Company Glenmoore, PA	25
Ε.	Public Works	ò
	Total Units of Dosimetry-KI Red	quired 44

<sup>\*</sup>approximate

### ANNEX C

### Implementing Procedure

### Transportation

Transportation Officer:

Alternate:

(name)

NUSUAL EVENT	
o response required.	
LERT	
he Transportation Officer shall:	
1. Upon request of the Emergency Management Coordinator, report to	the EUC.

(time)

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

transportation available 24-hours a day (reference Appendix C-1).

Update the list of those individuals who do not normally have

(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.
- Maintain Alert status until notified of termination, escalation or reduction of classification.
- 6. Remarks/Actions Taken:

2.

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

### Transportation\*

#### SITE EMERGENCY

The Transportation Officer shall:

 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).

(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.
- 4. Remarks/Action Taken:

## Transportation

## GENERAL EMERGENCY

The	Transport	tation Officer shall:
1.	If this is the first notification received or if escalation from Unusua Event, then:	
	a. Re	port to the EOC. (time)
		date the list of those individuals who do not normally have ansportation available 24-hours a day (reference Appendix C-1).
		(time)
		date the list of those individuals requiring special assistance is event of evacuation (reference Appendix C-3).
	(1)	Notify County Medical Coordinator (431-6160) of changes in the list of those individuals requiring amoulance support.
		(time)
	d. Pro	oceed to Step 2.
2.	If escalation from Alert or Site Emergency, or if proceeding from Step 1, then:	
		recommended protection action is <u>sheltering</u> , no further action i quired.
	b. If	recommended protective action is <u>evacuation</u> , 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.
	(4)	(time)  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)
		epare a list of names and addresses of persons to be picked up for chivehicle including ambulances.  (time)

- d. Upon the arrival of vehicles at the municipal transportation staying 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.
- 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

Vehicles Available

Unnet Needs

Buses 1

Buses: 0

Buses: 1

# RESIDENTS WITH SPECIAL TRANSPORTATION REQUIREMENTS

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

  List will be on file in the EUC.

WARWICK TOWNSHIP

CHESTER COUNTY

RADIOLOGICAL EMERGENCY RESPONSE PLAN

FOR INCIDENTS AT THE

LIMERICK GENERATING STATION

IMPLEMENTING PROCEDURES

APRIL 1984
Copy Number \_\_\_\_

Draft 5

	been notifi	ed that an inc	. I would lik ident classificat Generatiny Statio	ion of 'Alert' ha	
4.	Report to and a	ctivate local	Emeryency Operati	ons Center (EOC).	
	a. Activated	(2)			
	b. County DES (431-6160)	(time) Municipal Liai	son Officer notif	ied of EUC activa	ition.
	c. Check commu	nication syste	(time) ms for operabilit		
	d. Establish E	OC security.		(time)	
		station WCJJ	(time) 1420 AM.		
			(ti		
		- Alert leams	mave been mobility	ed as necessary.	
	g. If public a impaired.	e de la companya della companya della companya de la companya della companya dell	s been activated,	notify hearing	
			ailure, receive n		
			ovide information in the status boar	d	on.
	j. Verify the	County has des	igned an ARES uni	t to the EOC	(time)
5.	Ve ify that the	following hav	e been notified:		
	a. Schools			Telephone	Time
	Warwick Ele	mentary	Harry Hess Principal	offi	ce
	b. Verificatio	n Message:			
	been notifi	ed that an inc	. I would li ident classificat Generating Statio	ion of 'Alert' ha	you have is been
6.	Notify the foll	owiny:			
	a. Special Fac	ilities		Telephone	Time
	(1) Warwic	k Park	name/title	offic	e

. Verification Message:

	(2) St. Peters Village Hotel						
	name/title						
	* (3) French Creek and Hopewell Village						
	b. Message:						
	"This is <u>(name/title)</u> . An incident classification of 'Alert' has been declared at the Limerick Generating Station."						
	Note: This is provided for informational purposes only. No action are normally required.						
7.	Ensure ARES operator contacts County ARES base upon arrival at Municipa						
8.	(time) 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:						
	(1) Fire Department Telephone Time						
	(2) Ambulance						

(3) Schools

<sup>\*</sup>Will be notified by Berks County.

Warwick Elementa	ary
------------------	-----

Harry Hess Principal

ł,	-						
ć			-	F F	4	ce	
	7			1.1		CE	
-	_	_					-

(4) Verification Message:

"This is <u>(name/title)</u>. 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:

(1)	Elec	ted Officials	Telephone	Time
	(a)	Ron Ewing	nome office	
	(b)	Ron Horosky	home	
	(c)	Raymond Peachey	home office	
(2)	Spec	ial Facilities		
	(a)	Warwick Park name/tit	le office	
	(b)	St. Peters Village Hotel	office	
	(-1	name/tit		
	(c)	French Creek and Hopewell V	office	

(3) Message:

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

12. Remarks/Actions Taken:

\*Will be notified by Berks County.

		Telephone Time
	a.	Fire Department (Elverson)
	b.	Ambulance (Elverson)
		"This is <u>(name/title)</u> . I would like to verify that you have been notified that a 'Site Emergency' has been declared at the Limerick Generating Station."
4.		port to and activate the local Emeryency Operations Center
	a.	Activated(time)
	b.	County Municipal Liaison Officer notified of EUC activation.  (431-6160) (time)
	с.	
	d.	
	e.	
	f.	Ensure Route Alert Teams have been mobilized as necessary.
	g.	(time)  If the public alert system has been activated, notify hearing impaired.  (time)
	n.	
		(time)
	1.	Loy all messayes which provide information or require action.  Post pertinent data on status board.
	j.	Verify the County has assigned a ARES unit to the EOC.
5.		ve additional emergency personnel report to the EOC (for 24-hour eration), or where needed.
		Telephone Time
	a.	name home office
	b.	home
		nameoffice
	c.	home
		nameoffice
	d.	Message:

3. Verify that the following have been notified:

	(a) Ron Ewing	home office
	(b) Ron Horosky	home office
	(c) Raymond Peachey	home office
(2)	Special Facilities	
	(a) Warwick Park name/title	office
	(b) St. Peters Village Hotel  name/title	office
	(c) French Creek and Hopewell Village	
(3)	Message:	
	"This is (name/title) . The Limerick Generating Station has been termin	emeryency at the ated/reduced to

16. Remarks/Actions Taken:

	a.	Fire Department (Elverson)	ephone	Time						
		Ambulance (Elverson)								
	с.	Verification Message:								
		"This is <u>(name/title)</u> . I would like to we been notified that a 'General Emergency' has be Limerick Generating Station. The recommended pro-	en declared a	t the						
4.	Rep	port to and activate the local Emergency Operation	ns Center.							
	a.	Activated								
	b.	(time) County Municipal Liaison Officer notified of EOC activation.								
	с.	(time) Communications system checked for operability.	/time\							
	d.	Establish EUC security.	(time)							
	e.	Monitor EBS station WCOJ 1420 AM.								
	f.	(time) Ensure Route Alert Teams have been mobilized as	necessary.							
	g. h.	Post pertinent data on status board.		se.						
5.	Ensi	sure that all necessary emergency response person e EOC, where needed, or to pre-assigned location.		rted to						
6.	Ver	rify that the following have been notified:	(time)							
		Schools	elephone	Time						
	a.									
		Warwick Elementary Harry Hess Principal	offic	e						
	b.	Verification Message:								
		"This is <u>(name/title)</u> . I would like to v been notified that a 'General Emergency' has be Limerick Generating Station. The recommended p	en declared at	t the						

3. Verify that the following have been notified:

	Telephone Time
	a. Special Facilities
	(1) Warwick Parkoffice
	name/title (2) St. Peters Village Hotel
	name/title office
	* (3) French Creek and Hopewell Village
	b. Message:
	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.
9.	Ensure Fire Services Officer has distributed dosimeters/KI to emergency workers and EOC 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 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 EUC. (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.

7. Notify the following:

13.	If	evacuation is ordered:
	а.	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 yeneral public.  (time)
	۲.	In the event of a siren failure, receive notification from the County that appropriate Route alert Teams have been dispatched.
	c.	(time) Ensure route alerting has commenced, if required. (time)
	d.	and the second s
	е.	Ensure Traffic Control Points have been manned (reference Appendix A-1).
	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.
	y.	(time) Advise County Municipal Liaison Officer of any additional unmet needs (431-6160).  (time)
		(2)
1	h.	Monitor evacuation process and report any problem areas to the County Municipal Liaison Officer (431-6160).
		(1)(1)(time) (time) (3)
14.	Mai	intain General Emergency status until:
		Reduction of classification.
	b.	Termination of emergency. (time)
	с.	EOC must be evacuated. (time)
15.		reduction of classification or termination of emergency, notify/ rify the following:

d. Ensure Access Control Points are manned.

	(1)		Department		Telepi	hone	Time
	(2)	Ambu	lance (Elver	son)			
	(3)	Scho	ools				
	Warw	ick E	lementary	Harry Hes Principal		offic	:е
	(4)	Veri	fication Mes	sage:			
		been	notified th	e/title) . I at the emergend terminated/red	y at the Lime	rick Genera	iting
b.	Noti	ficat	ion				
	(1)	Elec	ted Official	s	Telepho	ne	Time
		(a)	Ron Ewing		-	home office	
		(b)	Ron Horosky		160	home office	
		(c)	Raymond Pea	chey	4	nome office	
	(2)	Spec	ial Faciliti	es			
		(a)	Warwick Par	kname/th	itle	office	
		(b)	St. Peters	Village Hotel name/ti	itle	office	=
		*(c)	French Cree	k and Hopewell name/t		office	2
	(3)	Mess	sage:				
		"Thi	is is erick Generat	ing Station has	. T s been termina instructions a	ted/reduced	i to

\*Notified by Berks County.

16.

a. Verification:

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

17. Remarks/Actions Taken:

<sup>\*</sup>Will be notified by Berks County.

# TRAFFIC CONTROL POINTS

Post Number	Location	Responsible Police Oryanization	# Officers Assigned
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

Post Number	Location	Responsible Police Oryanization	# Officers Assigned
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	
	Alt	ternate:	(na	aine)	

### 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.
- Maintain Alert status until notified of termination, escalation or reduction of classification.
- 7. Remarks/Actions Taken:

<sup>\*</sup>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 Unusua Event, then:
	a. Report to the EUC. (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).
	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 8-1).
	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 Emeryency 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 Unusua Event, then:
	a. Report to the EOC. (time)
	<ul> <li>Ensure mobilization of sufficient personnel to meet Route Alert Tearequirements and make assignments to vehicles (reference Appendix B-2).</li> </ul>
	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 8-3); obtain a signed receipt (reference Appendix 8-5).
	e. Mobilize additional fire personnel and have them report to fire station (reference Appendix C-1).
	f. Ensure Fire Department emergency workers have been issued dosimeters/KI.
	g. Review personnel/equipment inventory (reference Appendix 8-1), 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 Emeryency, 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 EUC. (time)
3.	If termination, collect dosimeters and unused KI from emergency worker 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	EUC.
Sector No. 3 Alert Team:	Fire Department
Leader:	
Assistant:	
Transient Location(s): (TBD)	
Hearing Impaired: List will be on file in the	EUC.

B-2-2

#### 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

		Deputy	home office	
		George Burnley	0,1103	
	(5	) Public Works Officer	home	
		Lenore Richards	office	
		Deputy	home	
		W. Hoy	office	
	На	ve key staff report to EUC.		
		(time		
3.	Verity	that the following have been notified:		
			Telephone	Time
	a. Po	lice Department		
	b. Fi	re Department		
	c. Ve	rification Message:		
	be	nis is <u>(name &amp; title)</u> . I would li en notified that an incident classifica clared at the Limerick Generating Stati	tion of 'Alert' has	u have been
4.	Report	to and activate local Emergency Operat	ions Center (EUC).	
	a. Ac	tivated		
		unty Municipal Liaison Officer notified 31-6160)	of EUC activation.	
	c. Ch	(time) eck communication systems for operabili	ty.	
			(time)	
	d. Es	tablish EOC security. (time)		
	e. Mo	nitor EBS station WCOJ 1420 AM.		
	f. En	ture Route Alert Teams have been mobili	ime) zed as necessary.	
		/-i		
	g. If	(time) public alert system has been activated	notify hearing	
		paired.	,	
	n. In	(time) the event of a siren failure, receive	notification from th	0
		inty that appropriate Route Alert Teams		
	7	ime)		
	i. Lo	all incoming messages that provide in sponse. Post pertinent data on status		a
-			(time)	
5.	Notity	the following:		
			Telephone	Time
	a. Spe	cial Facilities		

	(1)	Helen Zipperlen		
	(2)		Soffi Offi	ce
	b. Mes	ssage:		
		his is (name/title) 'Alert' has been declared at the L	. An incident classi imerick Generating St	
	Not	te: This is provided for informati are normally required.	onal purposes only.	No actions
6.		ARES operator contacts the County pal EOC. (time)	ARES base upon arriva	l at the
7.	Report	all unmet needs to the County Muni	cipal Liaison Officer	
8.	(tim Review	ne) remaining emergency procedures in	the event of escalati	on.
9.		in Alert status until notified of t ion of classification:	ermination, escalatio	n or
	a. Dat	te:		
	b. Tim	ne:		
	c. Sou	urce:		
	d. Dis	sposition		
	(1)	Termination		
	(2)	Escalation		
	(3)	Reduction		
10.		alation, accomplish appropriate Impation or reduction of classification		
	a. Ver	rification:		
	(1)	Police Department	Telephone	Time
	(2)	Fire Department		
	(3)	Verification Message:		

		Ever	nt."		
b.	Noti	ficat	ion:		
	(1)	Elec	cted Officials	Telephone	Time
		(a)	George M. Burnley	home	
		(b)	Proctor Wetherill	home	
		(c)	Lenore B. Richards	home	
	(2)	Spec	ial Facilities		
		(a)	Camphill Village USA Helen Zipperlen		
		(b)	Laymens Home		
		(c)	Black Angus Inn Manayer	office	,
	(3)	Mess	sage:		

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

"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

11. Remarks/Actions Taken:

Unusual Event."

	(4)	Barry Ritschard	home office
		Or	home
		Deputy George Burnley	office
	(5)		home
		Lenore Richards	office
		Deputy W. Hoy	home office
	Hav	ve key staff report to EOC.	me)
3.	Verify	that the following have been notifie	
	a. Pol	lice Department	Telephone Time
	b. Fir	re Department	
	c. Ver	rification Message:	
	hav	nis is <u>(name/title)</u> . I we been notified that a 'Site Emergen nerick Generating Station."	ould like to verify that you cy' has been declared at the
4.	Report	to and activate the local Emergency	Operations Center
	a. Act	tivated(time)	
	b. Cou	unty Municipal Liaison Officer notifi	ed of EUC activation.
		(time)	
	c. Che	eck communication systems for operabi	lity(time)
	d. Est	tablish EOC security.	
	e. Mon	(time) nitor EBS station WCOJ 1420 AM.	
	f. Ens	sure Route Alert Teams have been mobi	(time) lized as necessary.
		(time) public alert system has been activated.  (time)	ed, notify hearing
	h. In	the event of a siren failure, receiventy that appropriate Route Alert Team	e notification from the ms have been dispatched.
	i. Log	time) g all incominy messayes that provide sponse. Post pertinent data on statu	

5.	Have additional emergency personnel report to the EJC (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:
	a. Special Facilities Time
	(1) Camphill Village USA Helen Zipperlen
	(2) Laymens Home
	(3) Black Angus Inn Manager  office
	b. Message:
	"This is <u>(name/title)</u> . 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 their respective counterparts in the County EUC; for example, the Township Transportation Officer contacts the County Transportation Officer.
9.	(time) 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.
·1.	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.
13.	(time) 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.	Sour	ce:				
	d.	Dis	osit	ion:			
				nination			
		(3)	Red	uction			
15.				n, accomplish appropri or reduction of classi			
	a.	Veri	fica	tion:			
		(1)	Pol	ice Department	Te	lephone	Time
		(2)	Fire	Department			
		(3)	Ver	ification Message:			
			have	is is <u>(name/titl</u> e been notified that t Station has been term	ne emergency at 1	the Limerick	Generat-
	b.	Noti	ficat	ion			
		(1)	Elec	ted Officials	Tele	phone	Time
			(a)	George M. Burnley	-	nome office	
			(b)	Proctor Wetnerill	•	home	
			(c)	Lenore B. Richards	-	home	
		(2)	Spec	ial Facilities			
			(a)	Camphill Village USA Helen Zipper			
			(b)	Laymens Home	4		
			(c)	Black Angus Inn Manager	1	offi	ce

1	(3)	)	M	P	S	5	a	(1	P	
- 4	1 -			-	-	-	**	- 3	1	

"This is <u>(name/title)</u>. The omergency 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.	Doc	Document:										
	a.	. Date:										
	b.	Time	e:									
	с.	Sou	rce:									
	d.	Deta	ails:									
2.	Not	ify:										
	a.	Elec	cted Officials	Telephone	Time							
		(1)	George M. Burnley	home								
		(2)	Proctor Wetherill	home								
		(3)	Lenore B. Richards	home								
	b.	Key	Staff									
		(1)	Deputy Coordinator Harry White	home								
		(2)	Communications Officer A. Gooding or	home office								
			Deputy R. Good	home office								
		(3)	Transportation Officer Proctor Wetherill or	home office								
			Deputy Farl Church	home								

	(4	) Police Services Officer Barry Ritschard	home office
		or	
		Deputy	home
		George Burnley	office
	15	) Public Works Officer	home
	, ,	Lenore Richards	office
		or .	THE RESERVE OF THE PERSON NAMED IN COLUMN
		Deputy	home
		W. Hoy	office
	На	ve key staff report to EOC.	
		(time)	
3.	Verify	that the following have been notified:	
			Telephone Time
	a. Po	lice Department	Terephone Time
	b. Fi	re Department	
	c. Ve	rification Messaye:	
	ha	his is (name/title) I would ve been notified that a 'General Emergency e Limerick Generating Station. The recomm	y' has been declared at
4.	Report	to and activate the local Emergency Opera	ations Center.
	a. Ac	tivated	
		(time)	
		unty Municipal Liaison Officer notified of 31-6160)	f EUC activation.
		(time)	
	c. Co	mmunications system checked for operability	ty
			(time)
	d. Es	tablish EOC security.	
		(time)	
	e. Mo	nitor EBS station WCOJ 1420 AM. (time	
	f. En	sure Route Alert Teams have been mobilized	
	_	(time)	
		y all incoming messages that provide informations provide information provide informat	
			(time)
5.		that all necessary emergency response per C, where needed, or to pre-assigned locat	
			(time)
6.	Notify	the following:	Telephone Time
	a. Sn	ecial Facilities	re repriorie 1 me

	(1) Camphill Village USA Helen Zipperlen
	(2) Laymens Home
	(3) Black Anyus Inn Manayer  office
	b. Messaye:
	"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 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.
8.	(time) Ensure Police Services Officer has distributed dosimeters/KI to emergency workers and EOC staff.
9.	(time) Have additional emergency personnel report to the EUC (for 24-hour operation), or where needed.
10.	(time) 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.
11.	Ensure ARES operator contacts the County ARES base upon arrival at the Township EOC.
12.	(time)  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)

1	a.	When the public alert system has been activated, notify hearing impaired.  (time)
	b.	Monitor EBS station to ensure proper instructions are being given the general public.
1	с.	In the event of a siren failure, receive notification from the County that appropriate Route Alert Teams have been dispatched.
	d.	(time) Ensure Traffic Control Points have been manned.  (time)
	е.	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.
	f.	(time) Advise County Municipal Liaison Officer of any additional unmet needs. (431-6160)
		(time)
		(2)
		(3)
1	y.	County Municipal Liaison Officer
		(1)
		(2)
		(3)
15.	Mai	ntain General Emergency status until:
	a.	Reduction of classification.
	b.	Termination of emergency. (time)
	с.	EUC must be evacuated. (time)
16.		(time) reduction of classification or termination of emergency, notify/ rify the following:
	a.	Verification:
		(1) Police Department Time
		(2) Fire Department

14. If evacuation is ordered:

	(	(3) V	Verif	ication Me	ssage:				
		r	nave	been notif	ied that t	le) . the emergence ninated/redu	y at the	Limerick Ge	
	b. N	lotifi	icati	on					
	(	(1) E	Elecu	ed Officia	1s		Telephon	e	Time
		(	(a)	Georye M.	Burnley	1		home office	
		(	(b)	Proctor We	tnerill	4		home office	
		(	(c)	Lenore B.	Richards	=		home office	
	(	2) S	Specia	al Facilit	ies				
		(	(a)	Camphill V He	illage USA len Zipper				
		(	(b) I	Laymens Hor	me				
		(	(c) I	Black Angu Mai	s Inn nayer		<b>42</b>	office	
	(	3) M	1essa	ge:					
				is ick Genera	ting Stati	itle) on has been ovide instru	terminate	ed/reduced	to
17.	If the	e EOC	must	t be evacua	ated:				
				e, wait uni e EOC.	til the To	wnship has	been evacu	uated befor	·e
	b. S	ecure	e tne	facility a	and procee	d to altern	ate EUC.		
		otify ltern				l Liaison U	fficer upo	(time) on your arr	ival at
18.	Remark	ks/Ac	tions	s Taken:	(time)				

### 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 8-4).
  (time)
- 4. Review remaining emergency procedures in the event of escalation.
- Maintain Alert status until notified of termination, escalation or reduction of classification.
- 6. Remarks/Actions Taken:

<sup>\*</sup>Note: This procedure has been modified to include Radiological procedures.

# Police Services

# SITE EMERGENCY

ne i	Polic	ce Services Officer shall:
1.		this is the first notification received or if escalation from Unusua ent, then:
	a.	Report to the EOC
	b.	Ensure normal police functions are maintained.
	с.	Inventory dosimeters/KI and prepare for distribution. If applicable, complete a Receipt Form for Dosimetry-Survey Meters-KI (reference Appendix B-4).
	d.	Proceed to Step 2. (time)
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.
	b.	Review personnel/equipment inventory (reference Appendix 8-1), verify availability, and report unmet needs to County EUC, Police Services at 431-6160.
	c.	(time) Distribute dosimeters/KI to municipal emergency workers (reference Appendix B-3); obtain a signed receipt (reference Appendix B-5).
	d.	(time) 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.)
- 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 Unusua Event, then:					
	a.	Report to the EUC				
	b.	Mobilize additional police personnel and have them report to police station (reference Appendix B-1).				
	c.	Review personnel/equipment inventory (reference Appendix 8-1), verify availability, and report unmet needs to County EUC, Police Services at 431-6160.				
	d.	(time)  Inventory dosimeters/KI and prepare for distribution. If applicable, complete a Receipt Form for Dosimetry-Survey Meters-KI (reference Appendix B-4).				
	е.	(time) Distribute dosimeters/KI to municipal emergency workers (reference Appendix B-3); obtain a signed receipt (reference Appendix B-5).				
	f.	(time) Proceed to Step 2.				
2.		escalation from Alert or Site Emeryency, or if proceeding from p 1, then:				
	a.	If recommended protective action is sneltering,				
		(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 <u>evacuation</u> ,				
		(1) Ensure Traffic Control Points are manned (reference Appendix 8-2).				
		(2) After population has evacuated, ensure police relocate to				
		(time) (3) Relocate to alternate EOC after population has departed.				
		(time)				



# **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

DOCKETEL

\*84 AGD 23 A11:53

August 8, 1984

OFFICE OF SECRETARY DOCKETING A 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

HCT/d1t

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

DOCKETEN USNAC

August 8, 1984

\*84 AGO 23 AT1:53

GEFIET # SERVING & SERVING A SERVING

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

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,

Venzy C. Tamanini Henry C. Tamanini

RELATED CORRESPONDENCE



# ENERGY CONSULTANTS

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

DOCKETED

August 8, 1984

\*84 AGO 23 A11:53

CFFICE OF SECRETORS & 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



# **ENERGY CONSULTANTS**

RIVERSIDE OFFICE CENTER 3 2101 N. FRONT ST. / HARRISBURG / PA 17110 / PH.(717)236-003; CORPORATE OFFICE: 121 SEVENTH STREET PITTSBURGH PA 15222-3487 / PH.(412)434-5223

> DOCKETED USNEC

August 8, 1984

\*84 AGD 23 A11:53

Mr. A. L. Bigelow
Montgomery County Office of
Emergency Preparedness
100 Wilson Boulevard
Eagleville, PA 19403

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:

- 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,

Flenry C. Kamanini Henry C. Tamanini

RELATED CORRELS, ONDENCE, 1



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

August 8, 1984

\*84 AGO 23 AT1:53

Dr. Robert B. Murray Superintendent Phoenixville Area School District 1120 Gay Street Phoenixville, PA 19460

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



# **ENERGY CONSULTANTS**

REVERSIDE OFFICE CENTER 3-2101 N FRONT ST. / HARRISBURG / PA 17110 / PH 1717:236-0031 CORPORATE OFFICE: (2) SEVENTH STREET PITTSBURGH PA 15222 3467 PH 1412:424-5260 DOCKETED

July 30, 1984 \*84 AGD 23 AM1:53

DOCKETING & SERVELL 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 RELATED COMMESTICATED

#### OFFSITE TRAINING PROGRAM

RECEPTION CENTER PERSONNEL USAN

\*84 AGO 23 All :56

DOCKETED

#### 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 re 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

7/10/84

- 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).
  - Prior to this time, many people were convinced Slide TMI that accidents such as this could not happen. Collage of TMI

However, since the accident at Three Mile Island, Atticles public officials, and the nuclear industry as well, have realized the need for protecting communities located near nuclear reactors.

4. During the last five years, many steps have been taken to better protect the safety of the nuclear reactors and community residents.

Slide -Improved Safety Systems

- 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.

#### 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.

Slide - beta

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.

#### B. Radiation Terms

There are several terms associated with radiation that you may encounter.

Slide - Radiation vs. Radiation

- 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.
- Exposure is the amount of energy that gamma radiation deposits the air. Exposure does not make a person contaminated.
- 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.

 Roentgen - is the unit of measurement used for Slide exposure. It measures the amount of gamma radiation in air.

roentyen

2. Rem (Roentyen 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 milli- rem=1 rem. is a prefix used in the metric system. One thousand milli equal one. Therefore 1,000 milliroentgen 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

#### D. Types Of Radiological Equipment

Radiological instruments are used to measure radiation Slideexposure or exposure rates or dose. The issuing of Dosimetry dosimetry does not mean that a release has occurred pro's and con's 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.

- 1. Self-reading dosimeters are used to measure total exposure to gamma radiation; and measure in roentgen (R) or milliroentgen (mr).
- Thermoluminescent Dosimeter are more accurate than Slide Pro's self reading dosimeters; however, readings can only and Con's be obtained through the use of special equipment. of TLD's TLD's measure dose in rem and measure both beta and gamma radiation.
- 3. Survey Meters measure exposure rate in roentgen per hour.

#### E. Protection Actions

Compared to other industries, the nuclear industry Slide - Map of has experienced a relatively safe history. However, 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:

- Exposure from a passing plume composed of radioactive materials and gases, or
- Breathing air containing radioactive particles or yases from a passing plume.
- 2. Inyestion 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 - "Snelteriny"

#### a. Sneltering

- (1) When this action is recommended, the public will be advised to seek shelter in a permanent, reasonably airtight structure, such as a house, commerical 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 Slide risk area will be advised to close windows Closing and vents and to turn off heating or cool- Windows ing systems.

#### b. Selective Evacuation

- (1) When selective evacuation is recommended, Slidespecific populations may be evacuated Selective due to increased susceptibility.
- (2) Such populations may include pregnant women, pre-school children, or the pre-school children

#### c. Evacuation

Slide - "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.
- (2) The Governor reserves the right to compel Slide Traffic an evacuation of any risk area should such an evacuation become necessary.
- (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 are 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.

(j) Transportation Staging Area

A designated located 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-

Slide - CR Receiving points decontamination stations and transportation staying areas gency workers undergo decontamination monitoring and, if necessary, are decontaminated.

#### H. Public Alert/Notification System

- 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.
- 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. Unce 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.

reception center personnel handing info to driver

c. Traffic control personnel will assist with traffic consolidation and flow.

#### 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
- Records Coordinator maintenance of evacuee head count

Reception centers will be staffed by:

Radio Emeryency Associated Citizens Team (READ)

Radio Amatuer Civil Emergency Service (RACES)

Amatuer 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 communiciations are unavailable.

- Berks County React 2
- Chester County 39 Ares contacts
- 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 other wise 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 warrents 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.

#### 3. Communications

Radio communications will be maintained between the mass care center and the County EUC as care centers are filled.

#### C. Psychological Stress

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.

#### Causes of Disaster Stress

If an evacuation is required during a radiological emergency, people will be concerned, nervous and

Need Co. listing to take along

Psychological stress -Slide-

Reduce mental anguish -Slide-

worried about several things, including:

· missing or lost loved ones

Slide of these

- · disruption of normal living patterns
- confused in strange surroundings with an uncertain future
- · potential health damage from radiation

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 Sympathic, 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 sytems 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.

#### 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

### 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.

Examples:

- \* Primary coolant leak rate greater than 50 ypm.
- 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.

#### 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.

fuel handling building.
\*Severe natural phenomena (flood or hurricane winds near design levels).

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 mK/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 Bedy or 5 rem/hr Tnyroid at the site boundary under actual meteorlogical conditions.
- \* Loss of 2 of 3 fission product barriers with a potential loss of 3rd (loss of primary coolant

#### Instructor Note

Reception center managers will maintain communications with the County EUC through RACES, ARES or REACT.

boundary clad failure and potential loss of containment).

 Loss of physical control of plant facility.

Recovery:

# PHILADELPHIA ELECTRIC CUMPANY LIMERICK GENERATING STATION OFFSITE TRAINING PROGRAM DISPATCHER TRAINING MODULE

Instructor's Notes

7 .. . . .

#### 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:

- A general understanding of the basic terms and concepts involving radiation hazards.
- Urally 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 chosing one after another.
- A general knowledge of the Alert/Notification
   System, Public Information, and Rumor Control.

- The ability to use the prelude telephone system and associated notification forms.
- The ability to activate and test the public alert system.
- 7. The ability to use the county recall system.
- A general knowledge of the county emergency operating center's recall system.
- 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 narm, 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

 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.

Instructor's Note

analogy would help. [USE BASEBALL ANALOGY]

Rad. Material Define Contamination

2. Microwaves and radiowaves are a form of radiation. Visible light is a form of radiation. They narmful 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.

S1169 -Penetrations of

- a. Alpha
- b. Beta
- c. Gamma

Explain Each one briefly, if appropriate

[Stress connection between physical props. and Protective Actions.]

#### C. Units of Measurement

To measure distance our society has develop Slide - Roentyen

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 dis- Slide - Rem. cuss radiation, units, which define specific amounts of radiation must be used. The two most common units used to discuss levels of radiation are the roentying and Rem. There is a different technical definition for each term but for our purposes it can be said that 1R = 1 Rem.

Slide -1R=1Rem.

#### D. Effects of Radiation

1. The amount of radiation you receive primarily determines what effect is has on you. If you receive 100 Rem of radition 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 now 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 symptions began to appear.

Radioactive Slide

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.  Every person classified as an emergency worker would recieve 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.
  - (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.
  - (3) Dosimeter-KI Report Forms would be filled out by emergency workers in order to record exposures received.

Slide 11-K

Slide 11-M

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 fficials informed.

- 3. Examples of conditions that could initiate an Unusual Event:
  - a. Fire requiring offsite support.
  - Security threat or attempted unauthorized entry.
  - c. Failure of a safety or relief value 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:
  - Uncontrolled fire potentially affecting safety systems.
  - b. Primary coolant leak rate greater than 50 yallons 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 raiological materials from the plant will be in very small amounts; however, protective actions could be recommeded at this time depending upon plant, weather and road conditions.

Slide - Site Emergency 2-3

#### 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 phys al 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 Emeryency 2-I

#### 2. Purpose

Purpose of the general emergency declaration is to (1) initiate predetermined protective actions for the public, (2) provide continuous assessment of information form licensee and offsite organization 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

- Exposure from a passing plume composed of radioactive materials and gases, or
- b. Breathing air containing radioactive particles or gases from a passing plume.
- 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.

1. Philosophy for Protective Actions Options

The most appropriate action for a particular

Slide -Protective Actions 15.1-U

Explain projected dose.

Slide - mass 15-A distance time release, duration of the release, wind speed, wind direction, time of day and transportation constraints. Selection of an option is a judyment 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. Sneltering

When this action is recommended, the public will be advised to seek shelter in a pemanent, 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.

#### 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 susceptable to radiation-induced damage or need

Slide - Snelteriny 15-C Slide - Closiny windows 15.1-F Slide - Car ventilation 15.1-G Ask why this would reduce exposures.

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" 15.1-8

- (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 <u>order</u> 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 <u>promptly</u> 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 authoities is intendicate 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 delcaration 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.
- 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.
- 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 - State notification responsibilities Explain "Support Counties"

Slide - Local notification responsibilities

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 <u>not</u> 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 raiological emergency at the Limerick Generating Station. The system permits the user to access or call other extentions 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 ninetynine extentions 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

- 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 sytem owuld 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 distirbuted 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 Discription

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/talling)

e. Duration of Operation:3-5 minutes (with

"time-out" timer to

prevent siren opera
tion 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 Htilizing 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 "lineof-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

### 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. Unpluy the Communications Interface Unit (CIU).
- d. Re-connect the Communications Interface Unit (CIU).

NUTE: Ignore the alarms and reset by depressing the white button on CIU.

- 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 maynetic 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 passward to eliminate any unauthorized use.

- 1. Enter the passward
- m. Follow system prompting for activation, scan, etc.
- c. Following commands are used by the system:
  - 1. Central To Remote Messages
    - a. Interrogation
      - Determines that remote is operational.
      - 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.
- Remote To Central Messages
  - 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).

- Diagnostic (ASC)
   Sends internal failure & memory data.
- 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 particulary useful in drills and exercises where careful documentation can subsequently be used to pinpoint problem areas and correct deficiences.

A. Messages are divided into two categories:

Slide - Messayes - Routine

- Uryent

- Routine Requires official response or acknowledgement during the course of the emergency but not dealing with immediate life threatening situations or demanding immediate action.
- Urgent Require immediate response due to situation with immediate life threatening consequencies.
- 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/Responsiblities

Slide - Message Flow Organization

- 1. The Operations Officer is responsible for:
  - a. Reviewing all messages produced within the EUC.

- b. Directing plotters/posters to display relevant information on appropriate maps, charts or boards so that this information is readily observable by EUC 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:
  - Maintaining a log of all messages produced within the EOC.
  - b. Assigning a message number to every message produced within the EUC.
  - c. Ensuring that all messages requiring action or response have received the required action or response.
- 4. The Plotters/Posters are responsible for:
  - a. Postiny 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 Uperations 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 EUC 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 EUC personnel.
  - 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

Slide - Forms

- 3. EUC Station Log Forms
- 4. Message Distribution Tray
- Maps and boards to used for posting information
- An adequate supply of pens, pencils, grease pencils/markers, and related operational supplies
- F. The Messaye Flow Coordinator is responsible for maintaining and updating a list of personnel who can function as his/her alternate, Message Loyger and alternate, at least two Plotters/Posters, and alternates and at least three messengers with alternates.

Slide - Staft around boards

### G. Uperations

- 1. All EUC 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.
- The Message Runner will pick up the message and Slide Message take it to the Message Flow Coordinator (MFC) for review of content and assigned priority.

Flow Path

- 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.
- EOC personnel receiving messages will:
  - a. File the message, if no response or action is required.
  - b. If response or action is required:

- (1) Assign priority;
- (2) Record the response/reply itself;

Slide - Completed Message Form

- (3) Sign the message;
- (4) Place the message in the outgoing tray for pick up by a MR.
- 4. After delivery to the MFC, he/she will:
  - a. If uryent, brief the Operations Officer and request the MR to deliver the message to its originator.
  - b. If routine, forward to the Messaye Loyyer 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.
- 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 - Communications Center

 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 EUC Station Log Form

- a. Time message developed or received;
- b. To whom directed and/or from whom received; and

Instructor to provide examples for practice

c. Brief summary of message and/or response.

# 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 - PIU responsibilities

- 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 raiological emergency.
  The rumor control centers will answer telephone
  calls from the general public requesting the
  latest information.
- Liaison with news media organizations throughout the county.
- Arrangements for public release of information as directed by the County Commissioners, the EMA Coordinator, or in coordination with PEMA's PIO.
- As determined by the EMA Coordinator, preparation and distribution of public information materials prior to and during an emergency; and

- 5. 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
  - 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 PIO or the general public should notify the County PIO.
- 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 EOC 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 Eas: Biddle Street, West Chester, PA 19380 (215) 431-6160

Timothy R. S. Campbell

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.

Timothe R.S. Campbel

Founded 1682

# COUNTY OF CHESTER

TELBOOMENICATIONS BOUINGS I LINE CHANGE OF DEF

TO:

Marsha Payme

Special Accounts

1835 Arch Street - 6th Floor

Philadelphia, Ph. 19107

R. A. (Roe) Neale, Telecommunications Coordinator Chester County North Wing Courthouse Room 501, High and Market Streets West Chester, PA 19380 (215) 431-6144

E-ERGENCY SERVICES (PECC-LI: ERICK)	DATE: July ,	
Hazlett building	DEPT'S MAIN #:	431-6160
14 E. Biddle Street	BLDG. LOCATION #: 103	103
West Chester, Ph 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:	7 RUSH!	
	X7 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 BOC 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 LITTLE BETTER THE

cc:	का न क्यांनियां के क्षेत्र के क्यांनियां के क्यांनियां के क्यांनियां के क्यांनियां के क्यांनियां के क्यांनियां
:	PECO-LI'ERICK Tele. Coord.
	File

### tunono Poyto Sympasi Abbounts

# LINERIC DRILL ORDER COMINIED

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 Fowarding 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 HARLEST HARLEST HEREET

### 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 CONTINUE

Extension 6709: New extension - please make line good to the cable has a line 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.

Muista Dajte Special Accounts

### LIMERICA DRILL ORUER CONTINUED

Extension 6714: New extension - Please make line good to the caple head direct connect cable. (AS493N70140TET - 0.82

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

TERMINICATIONS BRUINER LIVE GANE GODE

TO:

 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:	X CENTREX ACCT. 431-6000; OTHER ACCT.
BERGENCY SERVICES (PECO-LIMERIC	K) 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 as	nd SERVICE ORDER # when one is assigned.
PLEASE ORDER THE FOLLOWING:	RUSH!
	/X/ 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.

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co: Printed and the printed and a section of

PECO-LIMERICK Tele. Coord.

ATTIS-Installer

File

### LIMERICE 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

# IN CRICK LAND CALES CONTINUE

Extension 6701: New extension - BOC 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 extens on 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 - BOC 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.

# LIMENUS DELL SESSENTE

Extension 6707: New extension - Rumor Control - Room A - Bridged station call 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.

Extensio. 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.

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# LITERICK DRILL ORDER CONTINUED

Extension 6713: New extension - Ruter 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 fone 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.

continued on page six WWW.

#### LITERIC DRILL CROSS CONTINUE

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 - Brioged 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 AJ11C 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 R.D. 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 status board One (1)
- set topographic maps of Berks County and western Montgomery Co. One (1)
- One (1) set county highway maps One (1)
- One (1) population densety map Two (2) blackboards, 4 X5, 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 monetor 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, visetor, etc)
- One (1) Portable RACES type radio

I belive this list is pretty complete; if we develop additional requirements, 1'll discuss them with you.

Sincerely,

Robert Reber

Kole + Keles

#### 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 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 park 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



Founded 1682





Radiation Management Corporation, 3508 Market St., Philadelphia, PA 19104 (215) 243-2950

July 19, 1984

RECEIVED

Mr. Albert P Pollick President Pottstown Memorial Medical Center 1600 East High Street Pottstown, PA 19464

JUL 24 1984

R. A. KANKUS

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.

Thomas Linemann/Imc

Thomas Linnemann General Manager RMC Medical Services

TL: Imc

Enclosure

cc: William F. Hushion, M.D. Robert A. Kankus Walter Knapp Monica Phillips Vicki Warren

This Certifies that

POTTSTOWN MEMORIAL MEDICAL CENTER



# has attended a training session on

HANDLING AND TREATMENT OF THE RADIOACTIVELY CONTAMINATED AND INJURED PATIENT

Sponsored By: \_\_\_\_\_\_PHILADELPHIA ELECTRIC COMPANY

Thomas Linnemann, General Manager RMC Medical Services

Issued: July, 1984

Date 7/10/84

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Location ER - Parma

SUBJECT: Setting UP The REA

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1300-1 Pm

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J. S. H.

ATTENDANCE ROSTER

Date 7/16/84

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SUBJECT: REA PROCEDURES

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ATTENDANCE ROSTER

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#### POTTSTOWN MEMORIAL MEDICAL CENTER

#### DEPARTMENT OF EDUCATIONAL SERVICES

#### ATTENDANCE RECORD

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CONDUCTED BY

May 1981



Radiation Management Corporation, 3508 Market St., Philadelphia, PA 19104 (215) 243-2950

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 Surremann 18mc

Thomas Linnemann General Manager RMC Medical Services

TL: 1mc

Enclosure

cc: William F. Hushion, M.D. Roberta A. Kankus Walter Knapp Vicki Warren

### 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 Janneman

Thomas Linnemann, General Manager RMC Medical Services

Issued:

July, 1984

# 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 Jannenson

Thomas Linnemann, General Manager RMC Medical Services

Issued:

July, 1984

### 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, General Manager RMC Medical Services

Assued: July, 1984

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

Thomagen Laureman

Thomas Linnemann, General Manager RMC Medical Services

**Issued:** July, 1984

# This Certifies that

LINDA BULLARD



#### has attended a training session on

HANDLING AND TREATMENT OF THE RADIOACTIVELY CONTAMINATED AND INJURED PATIENT

Sponsored By: \_\_\_\_\_\_PHILADELPHIA ELECTRIC COMPANY

Thomas Linnemann, General Manager RMC Medical Services

Tssued: July, 1984

Date 7/16/84

Location TOMPE FIR Hall

SUBJECT: HANDling + TREATMENT of A CONTROLANGED INVERT AMOUNTSULA

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Radiation Management Corporation, 3508 Market St., Philadelphia, PA 19104 (215) 243-2950

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 Junemann 18 mc

Thomas Linnemann General Manager RMC Medical Services

TL: 1mc

Enclosure

cc: William F. Hushion, M.D. Roberta A. Kankus Walter Knapp Vicki Warren

# 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 Jannemans

Thomas Linnemann, General Manager RMC Medical Services

Issued:

July, 1984

# 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, General Manager RMC Medical Services

**Issued:** July, 1984

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, General Manager RMC Medical Services

Thomas Jannemans

Tssued: July, 1984

# 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, General Manager RMC Medical Services

**Issued:** July, 1984

Date 7/16/84 Location There Fire Hall

SUBJECT: HANDling + TREATMENT of A CONTRINMENTED AND TASLED CRESON. TRAPE FIRST ANDUMACE.

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#### COUNTY OF LEHIGH DEPARTMENT OF PROPERTY SERVICES OFFICE OF CIVIL DEFENSE

COURTHOUSE . P. O. BOX 1548 ALLENTOWN, PENNSYLVANIA 18105

(215) 820-3073

REC ED

July 18, 1984

JUL 2 0 1984

& 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

1249.00 SSB filter

39.00 Desk mike 10.00 freight 25.00 service manual 1,323.00 total cost

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.

Director

cc: Bob Bradshaw



JERRY DUCKETT

#### COUNTY OF LEHIGH

# DEPARTMENT OF PROPERTY SERVICES OFFICE OF CIVIL DEFENSE

RECEIVED ALLEN

COURTHOUSE • P. O. BOX 1548
ALLENTOWN, PENNSYLVANIA 18105.
(215) 820-3073

WUL 2 - 1984

& 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:

	Estimated Cost
1 dozen reflective traffic vests @ \$9.00 each 1 box of flares	108.00
1 map file (model no. 439CRI-30 Plan Hold Corp.	50.00
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 3 folding tables (Barricks: BK-MLS-568) @ \$180.65	34.50 541.95
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) 1 RACES Base Station (Icom 271A 2 meter transceiver	70.00
with power supply)	708.95
4 portable 2-way radios (quote attached) 4 AT&T 10-button telephone sets including intercom	see quote
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

Roberta A. Kankus June 26, 1984 Page 2

We appreciate your consideration, and assistance in this matter. Given the short time frame involved, we realize much of this equipment cannot be purchased and be operational before the July exercise. It is also our understanding that should the exercise highlight any additional areas of response that may be weak due to resource limitations, Philadelphia Electric would be willing to discuss providing further assistance to the County in this regard. While we do not anticipate this to be the case, it is reassuring to have this commitment of support.

Should you have any questions on the above, please contact me.

Sincerely,

Jerry Duckett, Director

Enc.

# Energy Consultants MEMORANDUM

DOCKETED

\*84 AGD 23 AI1:57

To:

. ..

Alerting and Notification Task Force

From:

Henry C. Tamanini

Date:

... M.K.

August 7, 1984

April 0

Subject: RECALL Software and Siren Information

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

Confermation 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	-	Municapal:	1 14		21	*	A-Z
3	-	Organizati	ion		15		A-=
4	-	Response (	ode		1		YVN
5	-	Time On			4		0-9
6	-	Time Off			4		0-9
7	-	Weekend			1		Y/N
8	-	Priority			2	- 1	00-99
9	-	Principle	'phone	Number	11	:*	0-9
10	-	Alternate	'phone	Number	11	*	0-9

Total Chatracters 100

<sup>\*</sup> These values have been changed to accommodate the large number of exchanges.

#### Sontal

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2	-	munic X	nane	×	time	25	ore	×
3	-	ors X	name	14	munic	×		×
4	-	Priority%	name	24		×		×
5	-	time on X	munic	×	name	×		×
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		w/e X				×		×
8	-	we X	munic	74	name	×		×
9	-	×		×		X		×

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,

Menry C. Tamani Henry E. Tamanini

HCT/dlt

cc: Chester County DES

Service

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

HCT/dlt

cc: Chester County DES

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.

Sincepely

John F. Long, Jr.

JFL/dlt

Enclosures

# The state

## Limerick Generating Station FACT SHEET

Engineer/Constructor: Bechtel Power Corporation

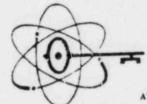
Owner: Philadelphia Electric Company

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	
Height	22.24 m.
Width	6.4 m.
Materialcarbon steel	
Thickness	16.03 cm.
Volume	651 cu. m.
Design power	3,293,000 kw.
Number required	3,293,000 KW.
Vessel weight (including internals)	1.089 tons
	1,009 tons
STEAM	
Temperature545° F.	285° C.
Pressure	6.6 MPa
Rate	6,419,955 kg. hr.
TURBINE/GENERATOR	
Gross design power	1,100,000 kw.
Speed	But to the
Length	63.4 m.
Turbine section (double flow)	
Generator	
Current	
Volts	
Hertz	
Rating	1.265,000 KVA
Number required	
Horsepower	
COOLING TOWERS	
Height	155 m.
Width at base	149 m.
Width at top	
Structural material	67 m.
Concrete	10.002
Painforcing and	19.802 cu. m.
Reinforcing rods	2,449 tons
	1,803,931 l./min
Evaporation rate	45.420 l./min.
Required make-up	132,490,000 l./day
Number required2	
MISCELLANEOUS	
Engineering	
Total field labor	
Reinforcing steel	36.280 tons
Structural steel	23.600 tons
Total concrete	306.000 cu. m.
Large pipe (over 2½")	171,000 m
Small pipe (under 2")	
Large valves (over 2½")	158.000 m.
Small valves (under 2")	
Cable	2 000 000
Number of cable and electrical connections	2,900,000 m.
290,000	



RICHARD H. GEIGER
SR ENERGY INFORMATION
REPRESENTATIVE
LIMERICK
ATOMIC INFORMATION CENTER

PHILADELPHIA ELECTRIC COMPANY

298 LONGVIEW ROAD LINFIELD, PA. 19468

215 495-6767



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,

Flenzy C. Tamanini Henry C. Tamanini

HCT/dlt

cc: Chester County
H. Zipperlen

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,

Tienry C. Tamanini Henry C. Tamanini

HCT/dlt

cc: Chester County DES

D. Monteith, West Vincent EMC

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

HCT/dlt

cc: Chester County

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 committments 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

HCT/dlt

cc: Montgomery County OEP

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

HCT/dlt

cc: Montgomery County OEP

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. Tomanini

HCT/dit

cc: Montgomery County OEP

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



### Phoenixville Hospital

Phoenixville, Pennsylvania 134 (215) 933-32

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

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

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 class will 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

Slide - E.C.I 31-8

Slide-Limenick 35-2 Briefly describe future training receive.

contracted by Philadelphia Electric to develop

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:
  - Demonstrate a knowledge of radiation and associated nealth effects.
  - Perform a desontamination survey of both personnel and vehicles.
  - List the procedures to be followed in decontaminating both personnel and vehicles.
  - Complete paperwork required for decontamination surveys and status reports.
  - Demonstrate use of dosimetry and associated radiological exposure control procedures.
  - State the activities that should be performed by the monitoring team at each incident classification.

#### II. INTRODUCTION TO RADIATION EFFECTS

A. The nuclear electric power plant produces commercial electric power using the conventional Steam 32-0 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.

Slide Heat to

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 hearby residents from these radioactive fission products which emit radiction.

Slide Fission Process 3-0

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-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 manmade 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. Raciation 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-Jonizing 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 yamma are of primary concern should a release ever occur at the Limerick Generating Station.

Slice - Comparison of Alpha, Beta, Gamma 10-T

1. Alpha radiation consists of positively charged Slide- Alpha 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

10-0

alpha-emitting materials present is due to the cossibility of their being taken into the body by breathing or swallowing along with food or water.

2. Beta radiation is a small negatively charges - Slide + particle similar to an electron. It is more penetrating than alpha radiation and can pass through 2 millimeters of water or human flesh.

Beta 10-3

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.

Slice-Gamma 10-S Slice -Man Reading 10.1-3

#### F. TERMS USED IN MEASURING RADIATION/RADIOACTIVITY

1. Exposure to radiation results in what is called Slide - Watch 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

and Calendar 10~H

received are also known. For example, a single glass of whiskey can be drunk and no significant. Since - Coffee side effects experienced. But what effects. Cuts would drinking ten glasses have? Among other things, one would need to know whether they were consumed over 20 minutes or 20 days.

- A roentgen is the unit of measurement used for Slice-Roentgen exposure. It measures the amount of energy 10-N gamma radiation deposits in a volume of air.
- 3. Frequently, you will hear the term REM (Roentgen Slice Rem or Radiation Equivilent Man), which equates the 13-5 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.
- 4. Although these terms have specific technical Slice-1000
  Differences, for offsite purposes both terms Roentgen =
  can be used to means the same thing. 1 Rem 10 F
- 5. Another term we will be using is the prefix Slide 1000 milli, usually in the term millirem. Milli is millirem = a prefix used in the metric system. One thousand 1 Rem 10-r 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.

#### G. BIOLOGICAL EFFECTS OF RADIATION

- 1. Damage to a human cell causes by ionizing Slice-Comparison radiation, if left unrepaires, could result of Radiation in one of the following:

  Leve's 10.1-A
  - a. Damayed 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

As we discussed earlier, people have always Slide - Natural been exposed to very small amounts of radiation through cosmic rays and naturally

occurring radioactive minerals. This radiation occurs as a natural part of our environment and this constant occurrence shauld be no cause for concern.

Discuss Fiesta Ware and Coleman Lantern Manties

2. People are also exposed to radiation daily Slide - Man-made from man-made sources. We are exposed every Sources 10-J time we receive a medical X-ray, watch television or use products which contain radioactive materials.

#### 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 of dosimeter & 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 lantern mantle. the dosimeter.

Slide - Radiation vs. Radioactive Material 10.1-C. Demonstrate use survey meter with use of Fiesta Ware and Coleman

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/sne can usually be contaminated 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 areat 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 possiblity is extremely small. Because of this risk, however, radiological monitoring team members would be issued dosinetry.

#### E. USE OF DOSIMETRY

A dosimeter is a device that measures exposure Slide 11H to radiation. The issue of dosimetry does
 <u>not</u> mean that a release has occurred or will occur. They may be issued as a precaution only.

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)
  - a. Energency workers should clip the TLD to their outside clothing somewhere between the neck and the waist. The window on the TLD would face outward.

Slide - Pro's and Can's of TLD's 11M - 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 TLO until the end of the emergency when the TLO's should be returned to the supervisor.

#### 3. Self-reading Dosimeters

a. Self-reading dosimeters enable emergency Slide - Pro's and workers to continually keep track of individual radiological exposure.

Con's of se'freading dosimeter Instructor's Notes

However, self-reading dosimeters are 11K or N not as accurate as TLD's and only record Distribute gamma radiation.

- b. Each emergency worker will be given two selfreading dosimeters to wear while inside the risk area, one will serve as a back-up for the other.
  - CO 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. CO 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 flashligh battery in the Slide How to CD V-760 dosimeter charger. charge the dosimeter.

(2) Place dosimeter charger on a flat surface such as a table.

Demonstrate how to change a dos'meter

(3) Unscrew the cap of the charging receptable.

1 Press lightly poor lighting

(4) While pressing down on the dosim- 2. Press firmly eter check to make sure that the to zero. vertical hairline is on 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 This should be a you are working in, social security number, and your emergency amanization. form picked up

multiple copy with dosimeters. Slide - report Form, series of 5

b. For each mission, fill in your destina- Slide - 530 tion, date the serial number and initial 530 reading of each dosimeter. While performing 538

every half nour. Do not exced 25 R cumulative 53% total. If the readings from the two dosimeters 53% do not match, use the higher reading.

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 sopnisticated. 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 decontam-ination

public. A person found to be contaminated with radicactive materials should be decontaminated as quickly as possible in order to:

- Remove the contamination from the skin as soon as possible.
- 2. Prevent contamination from entering the body.
- Prevent the spread of contamination onto clean areas.
- D. Use of Survey Meters
  - Survey meters are used to measure the exposure rate, so their scales read in roentgens or millimentgens per hour.
  - 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. CO V-715 is a high-range instrument that measures from O-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 milliroentyers per hour TLO'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 (100%) 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, \*Slide meter what is the reading? .3 mR/hour 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 \*Slide neter is X10, what is the exposure rate? needle at (a.1 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 proce of the CO V-700 contains a Geiger Class should tube encased in double metal cylinders. examine proce. 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 neadphone 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 opera-
  - 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
  - Location for decontamination survey activities
    will be separate from other areas. Precautions
    must be taken to prevent contamination of this
    area.
  - The monitor will conduct an operation check on the CD V-700, connect the headphone and sit the range at the X1 range.

- 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 approxi- Slice Surveying mately two inches from the person's head while Person 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.
- 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 "not spots" should be noted on the decontamination survey form.
- G. Decontamination Monitoring Report Form
  - 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.
  - 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 Rafological Monitoring." This involves the signature of the monitor or recorder, the name of either the Mass Care Center or energency 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 comtamination present on his/her head, back and hands.
- e. The monitoring team should then ensure that the person is decontaminated.

#### H. Decontamination Procedures

 Instruct person to remove the contaminated clothing immediately. Contaminated clothing for decontaminatshould 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 ing the body

- Instruct the person to shower using soap and lukewarm water.
- Instruct the person to wash the most contaninated areas first and work toward the least contaminated areas.
- Direct the person to avoid spreading the contamination to body openings and the eyes.
   Googles should be worn, if necessary.
- If hands are not contaminated, rubber gloves should be worn by the person to protect then.
- 6. Instruct the person to dry off.
- 7. Resurvey the person and record results in Slide area marked "Second Monitoring Column." Also complete the informamtion required in the block entitled "Second Radiological Monitoring."
- 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.
- 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/ Slide hour or higher above background), the monitoring team should contact the County

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.
- Slide 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.
  - 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, emer- Slide-Performing gency workers are to be screened to determine if Screening Check their thyroid glands have absorbed radioactive iodine. The CD V-700 survey meter will be used

for this screening. The monitor should perform the screening as follows:

- 1. Chase the shield on the probe.
- 2. Place the probe across the front of the Slide Diagram neck just below the larynx (Adam's Apple).

- 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 Slide Dosimetry worker's Dosimetry-KI Report Form and sign KI Report Form in the appropriate place.

area.

- J. Care of Venicles in Contaminated Areas
  - 1. If you drive through a contaminated area, \*Slide care of close the vents and windows to prevent the vehicles in coninterior of the vehicle from becoming con- taminated areas taminated by particles.

2. Garages and warehouses can protect vehicles \*Slide - care of from contamination if the building's doors and windows are kept closed.

vehicles in contaminated 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
  - 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-Wasning 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 O-50 mR/hour. The CD V-715, on the other hand, is a high-range monitoring device with a range of O-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 desontamination centers.

Slide-Range of CD V-715

- 2. Features of the CO V-718 inc de:
  - a. Meter Scale

\*Slide - Meter Scale

The scale or the CD V-715 reads 0-5 R/hour along with a space entitled circuit check.

b. Selector Switch

\*Slide - Selector Switch Indicating

Selector switch on the CD V-715 is more complicated in that it includes four ranges (XO.1, XI, XIO, and XIOO), 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) XO.1 to read O-.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 CO 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 knoo until the needle reads zero.

3. Operational Check for CO V-715

\*Siice - operational check

a. Turn selector switch to the zero position, procedures. At this position the instrument should Have all perform read zero.

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.

A. Unusual Event

Slice- 4 classifications 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 fine 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:
  - The generation of electricity using the fission process.
  - The effects of radiation on the human body.
  - The measurement of exposure through the use of dosimetry.
  - The monitoring of individuals to determine whether they have become contaminated.
  - The procedure to be followed to decontaminate personnel.
  - The survey and decontamination of vehicles.
  - 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 <u>not</u> 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 then 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.