

EMERGENCY PLAN PROCEDURE INDEX

PROCEDURE NUMBER	REV. NO.	TITLE	DATE SIGNED BY SUPER.	DATE OF LAST PERIODIC REVIEW
EP-101	2	Classification of Emergencies	09/27/84	
EP-102	4	Unusual Event Response	07/20/84	
EP-103	4	Alert Response	07/20/84	
EP-104	4	Site Emergency Response	07/20/84	
EP-105	5	General Emergency Response	10/05/84	
EP-106	1	Written Summary Notification	06/08/84	
EP-110	2	Personnel Assembly and Accountability	06/08/84	
EP-120	1	Site Emergency Coordinator	06/08/84	
EP-201	1	Technical Support Center (TSC) Activation	06/08/84	
EP-202	2	Operations Support Center (OSC) Activation	09/25/84	
EP-203	2	Emergency Operations Facility (EOF) Activation	09/27/84	
EP-208	3	Security Team Activation	10/05/84	
EP-210	1	Dose Assessment Team	06/08/84	
EP-220		CANCELLED		
EP-221	1	Personnel Dosimetry, Bioassay, and Respiratory Protection Group	06/08/84	
EP-222	2	Field Survey Group	07/17/84	
EP-230	3	Chemistry Sampling and Analysis Team Activation	07/20/84	
EP-231	4	Operation of Post-Accident Sampling Systems (PASS)	08/07/84	
EP-232		CANCELLED		
EP-233	3	Retrieving and Changing Sample Filters and Cartridges from the Containment Leak Detector During Emergencies	07/20/84	

CONTROLLED
COPY
07/20/84

VALID ONLY WHEN RED

EMERGENCY PLAN PROCEDURE INDEX

PROCEDURE NUMBER	REV. NO.	TITLE	DATE SIGNED BY SUPER.	DATE OF LAST PERIODIC REVIEW
EP-234	3	Obtaining Containment Gas Samples from the Containment Leak Detector During Emergencies	07/20/84	
EP-235	3	Obtaining Reactor Water Samples from Sample Sinks Following Accident Conditions	07/20/84	
EP-236	3	Obtaining Cooling Tower Blowdown Line Water Samples Following Radioactive Liquid Release after Accident Conditions	08/07/84	
EP-237	3	Obtaining the Iodine/Particulate and/or Gas Samples from the North Vent Wide Range Gas Monitor (WRGM)	07/20/84	
EP-238	3	Obtaining Liquid Radwaste Samples from Radwaste Sample Sink Following Accident Conditions	07/20/84	
EP-240	2	Obtaining Off-Gas Samples from the Air Ejector/Holdup Pipe Discharge Sample Station	06/08/84	
EP-241	4	Sample Preparation and Handling of Highly Radioactive Liquid Samples	10/04/84	
EP-242	3	Sample Preparation and Handling of Highly Radioactive Particulate Filters and Iodine Cartridges	07/20/84	
EP-243	4	Sample Preparation and Handling of Highly Radioactive Gas Samples	08/06/84	
EP-244	0	Offsite Analysis of High Activity Samples	06/08/84	
EP-250	1	Personnel Safety Team Activation	06/08/84	
EP-251	1	Plant Survey Group	06/08/84	

EMERGENCY PLAN PROCEDURE INDEX

PROCEDURE NUMBER	REV. NO.	TITLE	DATE SIGNED BY SUPER.	DATE OF LAST PERIODIC REVIEW
EP-252	2	Search and Rescue/First Aid	07/20/84	
EP-254	1	Vehicle and Evacuee Control Group	06/08/84	
EP-255	1	Vehicle Decontamination	06/08/84	
EP-260	1	Fire and Damage Team Activation	06/08/84	
EP-261	1	Damage Repair Group	06/08/84	
EP-272	1	Philadelphia Electric Company Officials	06/08/84	
EP-273	2	Limerick Station Supervision Call List	10/04/84	
EP-275		CANCELLED		
EP-276	2	Fire and Damage Team Phone List	10/05/84	
EP-277	2	Personnel Safety Team Phone List	10/05/84	
EP-278	0	Security Team Phone List	12/27/83	
EP-279	2	Emergency Operations Facility (EOF) Group Phone List	10/05/84	
EP-280	2	Technical Support Center Phone List	09/27/84	
EP-282	2	Government and Emergency Management Agencies	10/05/84	
EP-284	2	Company Consultants and Contractors Phone List	09/27/84	
EP-287	1	Nearby Public and Industrial Users of Downstream Water	06/08/84	
EP-291	2	Staffing Augmentation	09/27/84	
EP-292	3	Chemistry Sampling and Analysis Team Phone List	09/27/84	
EP-294	1	Dose Assessment Team Phone List	06/08/84	
EP-301	0	Operating the Evacuation Alarm and River Warning System	11/11/83	

EMERGENCY PLAN PROCEDURE INDEX

PROCEDURE NUMBER	REV. NO.	TITLE	DATE SIGNED BY SUPER.	DATE OF LAST PERIODIC REVIEW
EP-303	2	Local Evacuation	04/02/84	
EP-304	2	Partial Plant Evacuation	07/09/84	
EP-305	2	Site Evacuation	09/25/84	
EP-306	0	Evacuation of the Information Center	12/27/83	
EP-307	1	Reception and Orientation of Support Personnel	06/08/84	
EP-312	0	Radioactive Liquid Release	11/30/83	
EP-313	1	Distribution of Thyroid Blocking Tablets	06/08/84	
EP-315	0	Calculation of Offsite Doses During a Radiological Emergency Using RMMS in the Manual Mode	07/17/84	
EP-316	1	Cumulative Population and Near Real-Time Emergency Dose Calculations for Airborne Releases Manual Method	07/24/84	
EP-317	0	Determination of Protective Action Recommendations	12/27/83	
EP-318	0	Liquid Release Dose Calculations Method for Drinking Water	11/30/83	
EP-319	0	Fish Ingestion Pathway Dose Calculation	11/30/83	
EP-325	0	Use of Containment Radiation Monitors to Estimate Release Source Term	12/29/83	
EP-330	2	Emergency Response Facility Habitability	07/20/84	
EP-401	1	Entry for Emergency Repair and Operations	06/08/84	
EP-410	1	Recovery Phase Implementation	06/08/84	
EP-500	1	Review and Revision of Emergency Plan	06/08/84	

3843068210

EP-105, Rev. 5
Page 1 of 17
VAW/MPG/kml

SM Lait 10/5/84

PHILADELPHIA ELECTRIC COMPANY
LIMERICK GENERATING STATION
EMERGENCY PLAN IMPLEMENTING PROCEDURE

EP-105 GENERAL EMERGENCY RESPONSE

1.0 PURPOSE

The purpose of this procedure is to provide guidelines for the site response to a General Emergency.

2.0 RESPONSIBILITIES

- 2.1 Shift Supervision shall assume the role of Interim Emergency Director when a General Emergency occurs unless the Emergency Director is present and performs the necessary steps in this procedure.
- 2.2 The Station Superintendent or alternate shall assume the role of the Emergency Director, report to the Technical Support Center or control room and relieve the Interim Emergency Director.
- 2.3 The Site Emergency Coordinator shall report to the Emergency Operations Facility and perform the necessary steps in this procedure.

3.0 APPENDICES

- 3.1 EP-105-1 General Emergency Notification Message
- 3.2 EP-105-2 Emergency Exposure Guidelines
- 3.3 EP-105-3 General Emergency De-escalation Notification Message
- 3.4 EP-105-4 General Emergency Phone List (Initial Notification)
- 3.5 EP-105-5 General Emergency Phone List (Escalation or De-escalation)

CONTROLLED
PROPRIETARY
VALID ONLY WHEN RED

4.0 PREREQUISITES

4.1 EP-101 Classification of Emergencies, completed

5.0 SPECIAL EQUIPMENT

None

6.0 SYMPTOMS

None

7.0 ACTION LEVEL

7.1 This procedure shall be implemented when an event occurs that is classified as a General Emergency per EP-101 Classification of Emergencies.

8.0 PRECAUTIONS

8.1 Planned radiation exposures should be limited to the administrative guide levels in Appendix EP-105-2, Emergency Exposure Guidelines.

9.0 PROCEDURE

9.1 ACTIONS

9.1.1 (Interim) Emergency Director shall:

9.1.1.1 Verify the emergency classification as determined in EP-101, Classification of Emergencies unless determination has just been made.

9.1.1.2 Fill out Appendix EP-105-1, General Emergency Notification Message, and give it to the communicator.

9.1.1.3 Direct communicator to complete notification of the appropriate parties as specified in Appendix EP-105-4, General Emergency Phone List (Initial Notification) or Appendix EP-105-5, General Emergency Phone List (Escalation or De-escalation) within 15 minutes.

NOTE: The Communicator shall man the NRC RED telephone on a continuous basis until the NRC disconnects.

9.1.1.4 Contact the Station Superintendent and the Shift Technical Advisor, inform them of the situation, if not already done.

9.1.1.5 Direct the Info Center Staff to implement EP-306, Evacuation of the Information Center, if not already done. Inform the staff of the wind direction, if there is an airborne release.

9.1.1.6 If there is a radiological release, implement EP-305, Site Evacuation.

9.1.1.7 If there has not been a radiological release,

A. Evacuate all construction personnel by contacting Bechtel Safety. Direct them to call for a "Total Project Evacuation" in accordance with Bechtel procedures. Inform them of nature and preferred evacuation direction.

B. Contact Yoh Construction Security and inform them that a Total Project Evacuation of Bechtel Construction personnel is being implemented.

THIS WILL CALL FOR THE ASSEMBLY OF PERSONNEL AT THE UPPER PARKING LOT AND POST #3. IF IT IS DESIRED THAT THEY LEAVE THE SITE, INFORM BECHTEL COMMAND POSTS AT THE UPPER PARKING LOT.

~~PROPRIETARY~~

- C. Select the type of accountability desired for personnel in the protected area and implement the required actions below:
1. Emergency Assembly Without Accountability
 - Make the following announcement

"THIS (IS) (IS NOT) A DRILL. DESIGNATED EMERGENCY PERSONNEL REPORT TO ASSIGNED EMERGENCY RESPONSE FACILITIES. ALL OTHER PERSONNEL STAND BY FOR FURTHER ANNOUNCEMENT. THIS (IS) (IS NOT) A DRILL."
 2. Emergency Assembly With Accountability
 - a. Contact the (Int. im) Security Team Leader. Inform him of the selected exit point(s), that emergency assembly with accountability is going to be implemented, and to activate the Security Team (EP-208) and to perform personnel accountability in accordance with EP-110, Personnel Assembly and Accountability.
 - b. Contact Yoh Construction Security Rev. 5 OFF-hours and inform them that personnel leaving Unit 1 will be reassembling at the Personnel Processing Center (PPC).

~~PROPRIETARY~~

"THIS (IS) (IS NOT) A DRILL,
THIS (IS) (IS NOT) A DRILL.
DESIGNATED EMERGENCY
PERSONNEL REPORT TO ASSIGNED
EMERGENCY RESPONSE
FACILITIES. ALL OTHER UNIT
(ONE) PERSONNEL LEAVE THE
PROTECTED AREA IMMEDIATELY
AND REASSEMBLE AT THE
PERSONNEL PROCESSING CENTER.
THIS (IS) (IS NOT) A DRILL.
THIS (IS) (IS NOT) A DRILL."

- 9.1.1.8 For OFF-hours, if not already accomplished during an Alert or Site Emergency Response procedure, direct the Shift Clerk to activate the recall list using EP-291, Staffing Augmentation. If Shift Clerk is not available, this function may be assigned to any available individual.
- 9.1.1.9 Direct the activation of the Technical Support Center in accordance with EP-201, Technical Support Center (TSC) Activation, if not already activated.
- 9.1.1.10 Direct activation of the Emergency Operations Facility in accordance with EP-203, Emergency Operations Facility (EOF) Activation, if not already activated.
- 9.1.1.11 If the EOF has not been activated earlier, during an Alert or Site Emergency Response procedure, direct a communicator to call EOF personnel (directing them to report to the EOF) using EP-279, EOF Group Phone List.
- 9.1.1.12 Assign an Operations Support Center Coordinator (PO), if not already done, to direct available personnel to report to the Operations Support Center and to activate it in accordance with EP-202, Operations Support Center (OSC) Activation.

- 9.1.1.13 For samples, direct the Shift Chemistry Technician or Chemistry Sampling And Analysis Team Leader to implement EP-230 Chemistry Sampling And Analysis Team Activation.
- 9.1.1.14 For in-plant surveys, direct a Shift HP Technician or Personnel Safety Team Leader to implement EP-250, Personnel Safety Team Activation.
- 9.1.1.15 For field surveys when a release of gaseous radioactive material has occurred or is suspected, direct Dose Assessment Team Leader to implement EP-210, Dose Assessment Team Activation.
- 9.1.1.16 For a release at or greater than the Alert level in EP-101, Classification of Emergencies, or at the discretion of the Emergency Director, direct the Dose Assessment Team Leader to implement EP-210, Dose Assessment Team Activation.
- On an interim bases, direct the Shift Technical Advisor to perform dose projections using EP-316, Cumulative Population Dose Calculations for Airborne Releases-Manual Method or EP-315 Calculation of Offsite Doses during a Radiological Emergency using RMMS in the Manual Mode and to suggest Protective Action Recommendations per EP-317.
- 9.1.1.17 For fire/damage repair direct the Maintenance Shift Assistant Foreman or Fire and Damage Team Leader to implement EP-260, Fire and Damage Team Activation and/or EP-261 Damage Repair Group.
- 9.1.1.18 For a liquid release, implement EP-312, Radioactive Liquid Release, if required.
- 9.1.1.19 For Security matters, contact Security Shift Supervision and direct implementation of EP-208, Security Team Activation, unless previously done.

9.2 FOLLOW-UP

- 9.2.1 (Interim) Emergency Director shall:
- 9.2.1.1 Verify that the Technical Support Center, Emergency Operations Facility and the Operations Support Center have been activated.
- 9.2.1.2 Periodically evaluate the event classification in accordance with EP-101, Classification of Emergencies. If the conditions change, deescalate to an appropriate classification.
- 9.2.1.3 If classification is de-escalated, fill out Appendix EP-105-3, General Emergency De-escalation Notification Message, and give it to the communicator and direct the communicator to perform notification of the appropriate parties listed in Appendix EP-105-5, General Emergency Phone List (Escalation or De-escalation).
- 9.2.1.4 Obtain the following information as necessary to formulate further actions:
- A. Security Status from Security Team Leader
 - B. Sample analysis from Shift Chemistry Technician or Chemistry Sampling and Analysis Team Leader
 - C. In-plant surveys from Shift HP Technician or Personnel Safety Team Leader
 - D. Field surveys from Shift HP Technician or Dose Assessment Team Leader
 - E. Dose projections and protective action recommendations from Shift Technical Advisor or Dose Assessment Team Leader

- F. Fire/Damage Repair status from the Maintenance Shift Assistant Foreman or Fire and Damage Team Leader
 - G. Notification results from Communicator
- 9.2.1.5 Discuss protective action recommendations with the Site Emergency Coordinator.
- 9.2.1.6 If not already performed, determine which additional support personnel are necessary for emergency functions and direct the Shift Clerk or other assigned person to contact those personnel.
- 9.2.1.7 Provide site personnel with public address (PA) speaker announcements for any major changes in plant emergency status, such as changing emergency action levels.
- 9.2.1.8 Evaluate the need and order evacuation of effected areas as necessary.
- Refer to the following procedures:
- EP-303 Local Evacuation
 - EP-305 Site Evacuation
 - EP 306 Evacuation of the Information Center
- 9.2.1.9 Perform the following until relieved by the Site Emergency Coordinator:
- A. Discuss protective action recommendations with the Dose Assessment Team Leader.
 - B. Provide protective action recommendations to the Pennsylvania Bureau of Radiation Protection.
 - C. Inform the various emergency response groups if the recovery phase organization is to be implemented.

- 9.2.2 The Communicator shall:
 - 9.2.2.1 Inform the Emergency Director when appropriate notifications have been made and submit completed copy of Appendix EP-105-4 General Emergency Phone List (Initial Notification) or Appendix EP-105-5 (Escalation or De-escalation) for Emergency Director's signature.

10.0 REFERENCES

- 10.1 Limerick Generating Station Emergency Plan
- 10.2 NUREG 0654, Criteria for Preparation and Evaluation of Radiological Emergency Response Plans in Support of Nuclear Power Plants
- 10.3 EP-101 Classification of Emergencies
- 10.4 EP-201 Technical Support Center (TSC) Activation
- 10.5 EP-202 Operations Support Center (OSC) Activation
- 10.6 EP-203 Emergency Operations Facility (EOF) Activation
- 10.7 EP-291 Staffing Augmentation
- 10.8 EP-305 Site Evacuation
- 10.9 EP-306 Evacuation of the Information Center
- 10.10 EP-317 Determination of Protective Action Recommendations
- 10.11 EP-316 Cumulative Population Dose Calculations For Airborne Releases - Manual Method
- 10.12 EP-110 Personnel Assembly and Accountability
- 10.13 EP-208 Security Team Activation
- 10.14 EP-210 Dose Assessment Team Activation
- 10.15 EP-230 Chemistry Sampling and Analysis Team Activation
- 10.16 EP-250 Personnel Safety Team Activation

- 10.17 EP-260 Fire and Damage Team Activation
- 10.18 EP-261 Damage Repair Group
- 10.19 EP-312 Radiocactive Liquid Release
- 10.20 EP-279 Emergency Operations Facility (EOF) Group
Phone List
- 10.21 EP-315 Calculations of Offsite Doses during a
Radiological Emergency
using RMMS in the Manual Mode.

APPENDIX EP-105-1.

GENERAL EMERGENCY NOTIFICATION MESSAGE

MESSAGE: This (IS) (IS NOT) a drill. This (IS) (IS NOT) a drill.

This is the Limerick Generating Station calling to report a General
Emergency. My name is _____, telephone

_____. Limerick Generating Station is reporting a General

Emergency declared at Unit No. _____. Time and date of General

Emergency classification are

_____.

(24 Hr Clock Time)

(Date)

The basic problem is _____.

There (HAS BEEN) (HAS NOT BEEN) an (AIRBORNE) (LIQUID) radioactive
release from the plant. The plant status is (STABLE) (IMPROVING)
(DEGRADING) (NOT KNOWN). The protective action recommended is

(Note 1) _____. The affected area is _____.

This (IS) (IS NOT) a drill. This (IS) (IS NOT) a drill.

Note 1 If a General Emergency has been declared without prior
emergency classification, provide the recommendation to
shelter within the 2 mile radius and 5 miles downwind of the
plant. If PEMA & BRP are not available, make the
recommendation directly to the counties.

APPENDIX EP-105-2

EMERGENCY EXPOSURE GUIDELINES

<u>Function</u>	<u>Projected Whole Body Dose</u>	<u>Thyroid Dose</u>	<u>Authorized By</u>
1. Life Saving and Reduction of Injury	75 REM*	375 REM	(Interim) Emergency** Director
2. Operation of Equipment to Mitigate an Emergency	25 REM*	125 REM	(Interim) Emergency** Director
3. Protection of Health and Safety of the Public	5 REM	25 REM	(Interim) Emergency** Director
4. Other Emergency Activities	10 CFR 20 limits	10 CFR 20 limits	(Interim) Emergency Director
5. Re-entry/Recovery Activities	Station Administrative Guidelines	Station Administrative Guidelines	N/A

* Reference: EPA-520/1-75-001 Table 2.1

** Such exposure shall be on a voluntary basis

APPENDIX EP-105-3

GENERAL EMERGENCY DE-ESCALATION NOTIFICATION MESSAGE

Message: This (IS) (IS NOT) a drill. This (IS) (IS NOT) a
drill. This is Limerick Generating Station calling to report a
change in emergency action level. The General Emergency has
been (DE-ESCALATED TO) (AN UNUSUAL EVENT) (AN ALERT) (AN SITE
EMERGENCY) (TERMINATED). Time and date are

_____, _____. The plant status is (stable)

(24 Hr Clock Time) (Date)
(IMPROVING). My name is _____.

This (IS) (IS NOT) a drill. This (IS) (IS NOT) a drill.

APPENDIX EP-105-3
 GENERAL EMERGENCY PHONE LIST
 (INITIAL NOTIFICATION)

Time Initiated _____

Personnel/Agency To Be Notified Phone Number Time Person Responding

a. Emergency Director Home
 G. M., Leitch Office

Alternate Home
 J. F. Franz Office

b. Load Dispatcher Office

c. Montgomery County Emergency
 Management Agency

d. Pennsylvania Emergency
 Management Agency

e. Pennsylvania Bureau of
 Radiation Protection
 Harrisburg, PA

Rev. 5 (8AM-4PM)
 (After 4PM)
 (8AM-4PM)
 (8AM-4PM)
 (8AM-4PM)
 (PEMA after hours)

f. Manager - Public Information Home
 Ronald Harper Office
 Pager

g. Director - Emergency Home
 Preparedness Office
 Roberta Kankus

PROHIBITORY

APPENDIX EP-105-3
GENERAL EMERGENCY PHONE LIST
(INITIAL NOTIFICATION)

Time Initiated _____

Personnel/Agency To Be Notified Phone Number Time Person Responding

h. NRC Operations Center*
Bethesda, MD

Make this call last and remain on
telephone until NRC disconnects

*Person contacting NRC must be
Licensed Operator

Agencies to be contacted after
the above personnel/agencies have
been notified

i. Berks County Emergency
Management Agency

j. Chester County Emergency
Services

Completed By: _____ Time/Date _____

Verified By: _____

(INTERIM) EMERGENCY DIRECTOR
PROPRIETARY

APPENDIX EP-105-5
 GENERAL EMERGENCY PHONE LIST
 (ESCALATION OR DE-ESCALATION)

Time Initiated _____

Personnel/Agency To Be Notified	Phone Number	Time	Person Responding
a. Emergency Director G. M. Leitch Home Office			
Alternate J. F. Franz Home Office			
b. Load Dispatcher Office			
c. Pennsylvania Bureau of Radiation Protection Harrisburg, PA		(8am-4pm) (8am-4pm) (8am-4pm) (PEMA after hours)	
d. NRC Operations Center* Bethesda, MD			

Make this call last and remain on
 telephone until NRC disconnects

*Person contacting NRC must be
 Licensed Operator

APPENDIX EP-105-5
GENERAL EMERGENCY PHONE LIST
(ESCALATION OR DE-ESCALATION)

Time Initiated _____

Personnel/Agency To Be Notified	Phone Number	Time	Person Responding
---------------------------------	--------------	------	-------------------

Agencies to be contacted after
the above personnel/agencies have
been notified _____

e. Montgomery County Office
of Emergency Preparedness
and Medical Services

f. Berks County Emergency
Management Agency

g. Chester County Emergency
Services

Completed By: _____ Time/Date _____

Verified By: _____
(INTERIM) EMERGENCY DIRECTOR

PROPRIETARY

JM [Signature] 10/5/84

PHILADELPHIA ELECTRIC COMPANY
LIMERICK GENERATING STATION
EMERGENCY PLAN IMPLEMENTING PROCEDURE

EP-208 SECURITY TEAM ACTIVATION

1.0 PURPOSE

The purpose of this procedure is to provide guidelines for the activation and conduct of operation for the Security Team.

2.0 RESPONSIBILITIES

- 2.1 The Guard Sergeant or designated alternate shall assume the role of the Interim Security Team Leader and perform the steps of this procedure until relieved by the Security Team Leader.
- 2.2 The Security Team Leader shall relieve the Interim Security Team Leader and perform the steps of this procedure not completed by the Interim Security Team Leader.
- 2.3 The Security Team members shall perform the required steps in this procedure.

3.0 APPENDICES

- 3.1 Appendix EP-208-1 Exit Point Staffing for Site Evacuation
- 3.2 Appendix EP-208-2 Security team leader check lists

4.0 PREREQUISITES

None

5.0 SPECIAL EQUIPMENT

- 5.1 Traffic Vests

CONTROLLED

COPY

VALID ONLY WHEN RED

6.0 SYMPTOMS

None

7.0 ACTION LEVEL

7.1 This procedure shall be implemented whenever a Personnel Assembly is announced, an Alert or higher classification is declared, a Site Evacuation is declared or at the discretion of the (Interim) Emergency Director.

8.0 PRECAUTIONS

8.1 Access to the site for support personnel without Limerick security badges during an Alert, Site Emergency and General Emergency may only be authorized by the following personnel:

8.1.1 (Interim) Emergency Director

8.1.2 (Interim) Security Team Leader

8.1.3 Site Emergency Coordinator

9.0 PROCEDURE

9.1 ACTIONS

9.1.1 The Guard Sergeant shall:

9.1.1.1 Assume the role of the Interim Security Team Leader.

9.1.1.2 Call or assign someone to call the Security Team Leader and required group members by using EP-278 Security Team Phone List.

9.1.1.3 Assign Group Leaders from available security personnel to the following groups to perform the duties in Section 9.2 as required for the situation:

- A. Access Control
- B. Personnel Accountability
- C. Plant Security

AT ANY TIME DURING THIS PROCEDURE THE INTERIM SECURITY TEAM LEADER MAY BE RELIEVED BY THE SECURITY TEAM LEADER.

- 9.1.1.4 At an Alert or higher the security gate on 269' elevation of the turbine enclosure should be locked.
- 9.1.1.5 If informed by the (Interim) Emergency Director that the EOF is to be activated, contact the access control group leader to have personnel dispatched to EOF.
- 9.1.1.6 If assembly with accountability is announced, perform the following steps:
 - A. Ensure that the Access Control Group assigns security personnel at the Personnel Processing Center to assist in controlling personnel access.
 - B. Ensure that the Plant Security Group are stationed at the appropriate personnel exit areas.
 - C. Activate the Personnel Accountability Group to perform personnel accountability checks in accordance with EP-110, Personnel Assembly and Accountability (Section 9.1.5.1).
- 9.1.1.7 If informed by the (Interim) Emergency Director that a site evacuation is going to be declared, perform the following:
 - A. Ensure that the Access Control Group assigns security personnel to the appropriate site access control points and selected offsite assembly area.
 - B. Ensure that the Plant Security Group assigns security personnel to the selected personnel exit areas and required protected area access control points.

- C. Activate the Personnel Accountability Group to perform personnel accountability checks in accordance with EP-110, Personnel Assembly and Accountability (Section 9.1.5.2).
- D. Immediately notify the (Interim) Emergency Director when the Access Control Group is at the appropriate site access control points and the Plant Security Group is at the selected personnel exit areas so that the site evacuation can commence.

- 9.1.1.8 Advise the (Interim) Emergency Director concerning the need for support of off-site security agencies, if necessary.
- 9.1.1.9 Coordinate the actions of off-site security agency personnel if their assistance is required.
- 9.1.1.10 Use checklists in Appendix EP-208-3 as needed.

9.2 FOLLOW-UP

- 9.2.1 The Security Team Leader shall:
 - 9.2.1.1 Report to the Technical Support Center.
 - 9.2.1.2 Review the current status of the emergency and relieve the Interim Security Team Leader.
 - 9.2.1.3 Ensure that the necessary groups are staffed and performing the appropriate sections of this procedure. Augment groups as necessary, by using EP-278, Security Team Phone List.
 - 9.2.1.4 Keep the (Interim) Emergency Director updated on status of the team's activities.
 - 9.2.1.5 Periodically re-evaluate the security situation and make appropriate recommendations to the (Interim) Emergency Director.
 - 9.2.1.6 Use checklists in appendix EP-208-2 as necessary.

9.2.1.7 Implement LGS Plant Protection Procedures as appropriate.

9.2.2 The Access Control Group shall:

THIS GROUP IS COMPRISED OF CONSTRUCTION SECURITY FORCE MEMBERS. THE CONSTRUCTION SECURITY SHIFT SUPERVISION IS THE APPROPRIATE CONTACT.

9.2.2.1 Be activated when directed by the (Interim) Security Team Leader.

9.2.2.2 Receive instructions via the best means available (telephone, radio, etc.) and obtain traffic vests from the Security stocks.

9.2.2.3 Members of the access control group will be dispatched to each of the following locations to control access:

A. North Parking Lot

B. Post #3

C. Main Access Gate (Gate #1)

D. Gate #2

E. Back Access Gate (Post #10)

F. Cross Road Outside Gate #1 (Evergreen and Sanatoga Roads)

SECURITY PERSONNEL NEED NOT BE POSTED AT A GATE THAT WILL REMAIN LOCKED DURING THE EMERGENCY.

9.2.2.4 If EOF is activated, members of the access control group will be dispatched to the EOF to perform the actions in EP-203 Emergency Operations Facility (EOF) activation.

9.2.2.5 During assembly with accountability:

A. Dispatch access control group members to the Personnel Processing Center to control personnel access.

9.2.2.6 During a site evacuation:

- A. Control access and vehicle traffic by providing security personnel at locations required by Appendix EP-208-1.
 - B. Immediately notify the (Interim) Security Team Leader when security personnel are stationed at the required site access control points so the site evacuation can begin.
- 9.2.3 The Personnel Accountability Group shall:
- 9.2.3.1 For Personnel Accountability Check without Site Evacuation:
 - A. Perform a personnel accountability check as detailed in EP-110, Personnel Assembly and Accountability, Section 9.1.5.1.
 - 9.2.3.2 For Site Evacuation
 - A. Report to the Administration Guard Station and perform personnel Accountability in accordance with EP-110, Personnel Assembly and Accountability, Section 9.1.5.2.
- 9.2.4 The Plant Security Group shall:
- 9.2.4.1 Maintain plant security in accordance with Plant Protection procedures, and as directed by the (Interim) Security Team Leader.
 - 9.2.4.2 In the event of an Assembly with Accountability and Site Evacuation, assist personnel in the evacuation of affected areas and the performance of personnel accountability in accordance with EP-110.
 - 9.2.4.3 Issue emergency dosimetry as directed by the Personnel Safety Team Leader for incoming personnel per PP-2, Emergency Admittance Procedure.
 - 9.2.4.4 For assembly with accountability:
 - A. Assist the Personnel Accountability Group with the evacuation of non-essential personnel from the Protected Area.

- B. Perform the instructions detailed in Step 9.1.4.1 of EP-110, Personnel Assembly and Accountability.

9.2.4.5 For Site Evacuation:

- A. Control access to the protected area by providing security personnel at locations required by Appendix EP-208-1.
- B. Perform the instructions detailed in Step 9.1.4.2 of EP-110, Personnel Assembly and Accountability.
- C. Immediately notify the (Interim) Security Team Leader when security personnel are positioned and ready at the personnel exit areas.

10.0 REFERENCES

- 10.1 Limerick Generation Station Emergency Plan
- 10.2 Limerick Generating Station Security Plan and Procedures
- 10.3 EP-278 Security Team Phone List
- 10.4 EP-110 Personnel Assembly and Accountability
- 10.5 EP-203 Emergency Operations Facilities (EOF) Activation
- 10.6 PP-2 Emergency Admittance Procedure

APPENDIX EP-208-1
EXIT POINT STAFFING FOR SITE EVACUATION(1)

	DAY SHIFT	AFTERNOON SHIFT	NIGHT SHIFT
TSC PERSONNEL EXIT AREA	P		
ADMIN PERSONNEL EXIT AREA	P	P	P
TURBINE DECK GATE - 269' (4)	P		
NORTH VEHICLE ACCESS GATE	P		
SOUTH VEHICLE ACCESS GATE	P		
COOLING TOWER GATE	P		
NORTH PARKING LOT	A	A	
POST #3	A	A	A
MAIN ACCESS GATE (GATE #1)	A	A	A
GATE #2	A	A	
BACK ACCESS GATE (POST 10)	A		
CORNER SANATOGA & EVERGREEN ROADS	A	A	A
OFFSITE ASSEMBLY AREA (SEE NOTE 2)	A	A	A

NOTES:

- (1) Security personnel need not be stationed at a gate which is to remain locked during the Emergency.
- (2) The offsite assembly area is either Cromby Generating Station or Limerick Airport.
- (3) A = Access Control Group
P = Plant Security Group
- (4) This should be locked at an Alert or above.

APPENDIX EP-208-2
SECURITY INFORMATION ONLY

Notice of Personnel Arrival

DATE: _____

TIME: _____

Time of Notice: _____ Time of Arrival: _____

1. Names of Persons

Social Security Number

A. _____	A. _____
B. _____	B. _____
C. _____	C. _____
D. _____	D. _____
E. _____	E. _____
F. _____	F. _____

2. Where personnel are arriving from _____

3. Name of person individuals are to see _____

4. Escorted by: _____

5. Security Clearance Basis if unescorted access granted

NAME	SSN	COMMENT
A. _____	_____	_____
B. _____	_____	_____
C. _____	_____	_____

APPENDIX EP-208-2
SECURITY INFORMATION ONLY
Notice of Vehicle Arrival

DATE: _____

TIME: _____

1. Type of Vehicle _____

2. License Number _____
3. Company Truck registration number _____

4. Name of Driver _____

5. Helper (If any) _____

6. Expected arrival time _____
7. Actual arrival time _____

APPENDIX EP-208-2
SECURITY INFORMATION ONLY

Injured Person History

DATE: _____

TIME: _____

1. Name of Person Injured _____
2. Social Security Number _____
3. Payroll Number _____
4. Home Address _____

5. Company Injured Person Employed by _____
6. Contamination (If any) _____
7. How did injury happen? _____

8. Where did accident happen? (Location) _____

Location of gate required for access to protected area _____

9. Under what circumstances did accident happen? _____

10. Was ambulance called? (At what time?) _____
11. Time of ambulance arrival _____
12. Time of ambulance departure _____
13. Where was injured taken? (Hospital name) _____

APPENDIX EP-208-2
SECURITY INFORMATION ONLY

Notice of Release

DATE: _____

TIME: _____

1. Notice of Site Evacuation 10 miles or beyond

A. Ascertain from H.P. the plume direction

B. Note the course of plume so that gates or posts in the plume path can be evacuated.

1) Annunciate this information to Operation Security,
Construction Security

2) Check with Security Forces to make sure that Security
Force Members are not in path, make sure all gates,
posts in path are locked and secured.

3) Ensure by checking with H.P. that the planned path
taken by rover patrols does not take them through plume
path.

J.M. Kest 10/15/84

PHILADELPHIA ELECTRIC COMPANY
LIMERICK GENERATING STATION
EMERGENCY PLAN IMPLEMENTING PROCEDURE

EP-276 FIRE AND DAMAGE TEAM PHONE LIST

1.0 PURPOSE

The purpose of this procedure is to provide guidelines and information to call in Fire and Damage Team Members.

2.0 RESPONSIBILITIES

2.1 The Fire and Damage Team Leader shall be responsible to call in group members.

3.0 APPENDICES

None

4.0 PREREQUISITES

None

5.0 SPECIAL EQUIPMENT

None

6.0 SYMPTOMS

None

CONTROLLED

PROPRIETARY COPY

VALID ONLY WHEN RED

7.0 ACTION LEVEL

7.1 This procedure can be used when the Fire and Damage Team is activated or when additional personnel are needed.

8.0 PRECAUTIONS

None

9.0 PROCEDURE

9.1 Actions

9.1.1 The Fire and Damage Team Leader shall call people from the following list until appropriate positions are filled.

9.1.2 FIRE AND DAMAGE TEAM LEADER:

	<u>HOME</u>	<u>WORK</u>
ENGINEER - MAINTENANCE		
J. B. Cotton		
ASSISTANT ENGINEER - MAINTENANCE		
G. Paptzun		
MAINTENANCE SHIFT ASSISTANT FOREMAN (Interim)		
Rotating Shift Assignment		

9.1.3 FIRE FIGHTING GROUP LEADER
-(FIRE BRIGADE LEADER)
SHIFT SUPERVISOR

Contact Control Room at

9.1.4 FIRE FIGHTING GROUP MEMBER
- FIRE BRIGADE
For Fire Fighting Group Members,
contact Shift Clerk in
Control Room

PROHIBITORY

9.1.5 DAMAGE REPAIR GROUP LEADERS:
SUPERVISING ENGINEER, MAINTENANCE
R. Costagliola
SUPERVISOR, MAINTENANCE (Alternate)
T. O'Mara

9.1.6 DAMAGE REPAIR GROUP MEMBERS:
G. R. Benson
J. W. Berger, Jr.
R. R. Black
K. F. Borton
K. W. Bowerson
J. F. Cook
P. G. DeMauriac
S. R. Dennett
B. W. Didonato
T. C. Essex
H. F. Giovan, III
J. J. Graney
L. D. Hill
P. J. Klein
T. R. Landis
D. J. Leperson
L. G. Macenter
D. C. McCloskey

~~PROPRIETARY~~
E. F. McCoy

F. J. McGowan
D. L. Moore
W. A. Paulson
J. A. Perkins
T. E. Peters
T. G. Potts, Jr
S. N. Rapone
G. J. Reed
D. P. Roller
R. A. Roller
G. F. Schweiger
R. J. Scott, Jr.
C. R. Sheak
G. K. Shipe
D. E. Smith
R. H. Trautz
E. P. Troy, Jr.
W. L. Warpole

9.1.7 FIRE PROTECTION ASSISTANT
A. Mount

10.0 REFERENCES

None

~~PROPRIETARY~~

JM Letcher 10/5/84

PHILADELPHIA ELECTRIC COMPANY
LIMERICK GENERATING STATION
EMERGENCY PLAN IMPLEMENTING PROCEDURE

EP-277 PERSONNEL SAFETY TEAM PHONE LIST

1.0 PURPOSE

The purpose of this procedure is to provide guidelines and information to call in Personnel Safety Team Members.

2.0 RESPONSIBILITIES

The Personnel Safety Team Leader shall be responsible to call in team members.

3.0 APPENDICES

None

4.0 PREREQUISITES

None

5.0 SPECIAL EQUIPMENT

None

6.0 SYMPTOMS

None

7.0 ACTION LEVEL

7.1 This procedure can be used when the Personnel Safety Team is activated or when additional people are needed.

CONTROLLED

COPY

VALID ONLY WHEN RED

PROPRIETARY

8.0 PRECAUTIONS

None

9.0 PROCEDURE

9.1 ACTIONS

9.1.1 The Personnel Safety Team Leader shall call people from the following list until appropriate positions are filled.

9.1.2 Personnel Safety Team Leader:

Home

Work

R.W. Dubiel
R. Titolo

9.1.3 Plant Survey Group Leader

Home

Work

T. Mscisz
S. Baker

9.1.3.1 Plant Survey Group Members

Health Physics Technicians listed in 9.1.8.

9.1.4 Personnel Dosimetry, Bioassay, and Respiratory Protection Group Leader

Home

Work

G. Murphy
(Alt.) F. Molohon

9.1.4.1 Personnel Dosimetry, Bioassay, and Respiratory Protection Group Members

Any Health Physics Technicians listed in 9.1.8, (two required).

9.1.5 Vehicle and Evacuee Control Group Leader

Home

Work

C. Smith
(Alt.) J. Scone

~~PROPRIETARY~~

9.1.5.1 Vehicle and Evacuee Control Group Members
Health Physics Technicians listed
in 9.1.8.

9.1.6 Vehicle Decontamination Group Members
Any Health Physics Technicians listed
in 9.1.8, as needed.

9.1.7 Search and Rescue/First Aid Group Leader
Home Work

J. Kraiss
(Alt.) R. Dickenson

9.1.7.1 Search and Rescue/First Aid Group Members
Health Physics Technicians listed
in 9.1.8

9.1.8 Health Physics Technicians
Home Work

Baker, S.
Fay, D.
Gordon, K.
Gosnay, R.
Gruber, J.
Hines, D.
Parducci, A.

Assistant Technicians

Bilinski, M.
Chobot, J.
Engle, R.
Gerhart, J.
Golden, E.
Hass, D.
Kanaskie, J.
Landis, B.

~~PROPRIETARY~~

Assistant Technicians (Cont'd)

Nugent, D.
Red, C.
Reyes, A.
Root, N.
Strubilla, W.
Sweisford, S.

9.1.9 Contract Personnel

Dailey, R.
Engle, M. L.
Gerry, M. E.
Giddings, R.
Gordon, G.
Harcombe, R.
Lightner, J.
Mahanes, B. M.
Muscarella, J. E.
Smith, B. G.
Smith, W.
Wiecjorek, J.
Woodring, T.

10.0 REFERENCES

None

~~PROPRIETARY~~

John K... 10/5/89

PHILADELPHIA ELECTRIC COMPANY
LIMERICK GENERATING STATION
EMERGENCY PLAN IMPLEMENTING PROCEDURE

EP-279 EMERGENCY OPERATIONS FACILITY (EOF) GROUP PHONE LIST

1.0 PURPOSE

The purpose of this procedure is to provide guidelines and information to call in the EOF Staff.

2.0 RESPONSIBILITIES

2.1 The Communicator shall be responsible to call in group members as needed.

3.0 APPENDICES

None

4.0 PREREQUISITES

None

5.0 SPECIAL EQUIPMENT

None

6.0 SYMPTOMS

None

7.0 ACTION LEVEL

7.1 This procedure can be used when the EOF is activated or additional personnel are needed.

**CONTROLLED
COPY
VALID ONLY WHEN RED**

PROPRIETARY

8.0 PRECAUTIONS

None

9.0 PROCEDURE

9.1 ACTIONS

9.1.1 The communicator shall call people from the following list until appropriate positions are filled.

9.1.2 Site Emergency Coordinator

W. T. Ullrich
Supt. Nuc. Gen.

Alt. R. H. Logue
Supt. Nuc. Serv.

Alt.
R. S. Fleishmann II
Supt. PBAPS

9.1.3 Health Physics and Chemistry Coordinator

W. J. Knapp
Dir. Rad. Prot.

Alt. J. Fongheiser
Phys. Rad. Prot.

9.1.4 Planning and Scheduling Coordinator

J. W. Spencer
Startup Director

J. P. Law
TRB Chairman

9.1.5 Procedures Support Coordinator

W. C. Birely
Sr. Eng. Licensing

C. R. Endriss
Regulatory Engineer

~~PROPRIETARY~~

- 9.1.6 Dose Assessment Team Leader
- G. Murphy
HP Technical Support
 - D. Romdold
Sr. Physicist Corporate
- 9.1.7 EOF Mechanical Engineering Liaison
- J. T. Robb
 - C. Weidersum
- 9.1.8 EOF Electrical Engineering Liaison
- W. C. Ramer
Field Engineer
 - Alt. A. W. Jones
Field Engineer
- 9.1.9 EOF Liaison - Corporate Communications
- M. D. McCormick
Asst. Mgr. Energy
Education and Information
 - J. Tucker
 - Alt. R. H. Geiger
Sr. Energy Info. Rep.
 - F. L. Pinnell
- 9.1.10 Emergency Prep. Coord.
- R. A. Kankus
Dir. Em. Prep
 - Alt. K. W. Schlecker
Physicist Emer. Prep
 - Mike Mezas
- 9.1.11 Communicators and Status Board Keepers (5 Minimum)
- K. Cenci
 - W. Lewis
 - R. Degregorio
 - J. Dixon

Communicators and Status Board Keepers (Cont'd) 7

J. Fitzgerald
R. Hawthorne
J. Hopkins
M. Horton
R. Kovach
Todd Moore
J. Stott
Scott Wagner
S. Weik

9.1.12 Data Display Operators

M. McCormick

10.0 REFERENCES

None

~~PROPRIETARY~~

Y.M. Leat 10/5/84

PHILADELPHIA ELECTRIC COMPANY
LIMERICK GENERATING STATION
EMERGENCY PLAN IMPLEMENTING PROCEDURE

EP-282 GOVERNMENT AND EMERGENCY MANAGEMENT AGENCIES PHONE LIST

1.0 PURPOSE

The purpose of this procedure is to supply pertinent information to government and emergency management agencies.

2.0 RESPONSIBILITIES

- 2.1 The (Interim) Emergency Director or the Site Emergency Coordinator shall be responsible for the decision to implement this procedure.
- 2.2 The Communicator shall be responsible to notify the required agencies.

3.0 APPENDICES

None

4.0 PREREQUISITES

None

5.0 SPECIAL EQUIPMENT

None

6.0 SYMPTOMS

None

CONTROLLED
~~**PROPRIETARY**~~
VALID ONLY WHEN RED

7.0 ACTION LEVEL

7.1 This procedure may be used when a government or emergency management agency must be contacted.

8.0 PRECAUTIONS

None

9.0 PROCEDURE

9.1 ACTIONS

9.1.1 The Communicator shall be directed to contact appropriate agencies by the Emergency Director or Site Emergency Coordinator using the following list.

		<u>Address</u>	<u>Phone</u>
9.1.2	U. S. Nuclear Regulatory Commission	Region I 631 Park Ave. King of Prussia, PA 19406	
9.1.2.1	Office of Inspection and Enforcement		
	Region 1	631 Park Avenue King of Prussia, PA 19406	
9.1.2.2	Office of Nuclear Reactor Regulation	Washington, DC 20555	
	Harold Denton (Director)		
9.1.3	Dept. of Energy Radiological Program	Brookhaven Nat. Lab Upton, NY 11973	

~~PROPRIETARY~~

		<u>Address</u>	<u>Phone</u>
9.1.4	Environmental Protection Agency	Curtis Building 6th & Walnut Sts. Philadelphia, PA 19106	
9.1.5	Department of Transportation 3rd U.S. Coast Guard District	Governors Island New York, NY 10004	
9.1.6	Department of Agriculture Chief, Division of Milk Sanitation W. Fouse	Dept of Agriculture Bureau of Food & Chemistry 2301 N. Cameron St Harrisburg, PA 17110-9408	
9.1.7	Department of Energy Rep.		
9.1.8	Pennsylvania Emergency Management Duty Officer	Room B-151 Transportation And Safety Bldg. (P.O. Box 332 1-17105) Harrisburg, Pa 17120	
9.1.9	Department of Environmental Resources	Harrisburg, PA	
9.1.9.1	Office of Public Information Ellen Sprinkle Director	Room B-102 Transportation & Safety Bldg. Harrisburg, PA 17120 Harrisburg, PA	
9.1.9.2	Regional Office	1875 New Hope Norristown, PA	

PROPRIETARY

		<u>Address</u>	<u>Phone</u>
9.1.10	Bureau of Radiation Protection, Dept. of Env. Resources	P.O. Box 2063 Harrisburg, PA 17120	
9.1.10.1	Personnel & Home Phones T. Gerusky W. Dornsife M. Reilley		
9.1.11	Pennsylvania State Health Center	21. S. Brown St. Lewistown, PA 17044	
9.1.12	State Police Barracks (Limerick)	Rt. 422 & Lewis Rd. Limerick, PA	
9.1.13	Delaware Civil Defense Agency	State Police & Civil Defense Emergency Management Section	
9.1.14	New Jersey Civil Defense Agency	P.O. Box 7068 West Trenton N.J., 08625	
9.1.15	Maryland Civil Defense Agency	Sudbrook Lane Reisterstown Rd. Pikesville, MD 21208	
9.1.16	Montgomery County Dept. of Emergency Services	100 Wilson Blvd. Eagleville, PA 19403	
9.1.17	Chester County Dept. of Emergency Services	14 E. Biddle St. West Chester, PA 19380	

~~PROPRIETARY~~

		<u>Address</u>	<u>Phone</u>
9.1.18	Berks County Dept. of Emergency Services	Agricultural Center, RD-1 Leesport, PA 19533	(

10.0 REFERENCES

None

~~PROPRIETARY~~



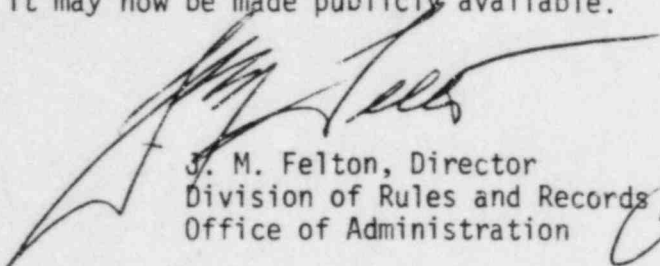
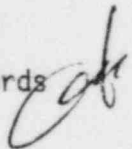
UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

November 1, 1984

50-352/353 Limerick

MEMORANDUM FOR: Chief, Document Management Branch, TIDC
FROM: Director, Division of Rules and Records, ADM
SUBJECT: REVIEW OF UTILITY EMERGENCY PLAN DOCUMENTATION

The Division of Rules and Records has reviewed the attached document and has determined that it may now be made publicly available.


J. M. Felton, Director
Division of Rules and Records
Office of Administration 

Attachment: As stated