

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	5	Unusual Event Response		10/10/84
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

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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	2	Dose Assessment Team Phone List	10/10/84	
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	

*J. Reed 10/10/64*

PHILADELPHIA ELECTRIC COMPANY  
LIMERICK GENERATING STATION  
EMERGENCY PLAN IMPLEMENTING PROCEDURE

EP-102 UNUSUAL EVENT RESPONSE

1.0 PURPOSE

The purpose of this procedure is to provide guidelines for site response to an Unusual Event.

2.0 RESPONSIBILITIES

- 2.1 Shift Supervision shall assume the role of the Interim Emergency Director when an Unusual Event occurs, unless Emergency Director is present, and perform the necessary steps in this procedure.
- 2.2 The Station Superintendent may assume the role of the Emergency Director and relieve the Interim Emergency Director, if necessary.

3.0 APPENDICES

- 3.1 EP-102-1 Unusual Event Notification Message
- 3.2 EP-102-2 Unusual Event De-Escalation Message
- 3.3 EP-102-3 Unusual Event Phone List

4.0 PREREQUISITES

- 4.1 EP-101, Classification of Emergencies has been completed.

5.0 SPECIAL EQUIPMENT

None

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6.0 SYMPTOMS

None

7.0 ACTION LEVEL

This procedure shall be implemented when an event occurs that is classified as an Unusual Event per procedure EP-101 Classifications of Emergencies.

8.0 PRECAUTIONS

None

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 Complete Appendix EP-102-1, Unusual Event Notification Message. Direct a communicator to complete notification of the appropriate parties in Appendix EP-102-3, Unusual Event Phone List within 15 minutes.
  - 9.1.1.3 Direct Shift Supervision to initiate evacuation of affected areas, as necessary. Refer to the following procedure:  
EP-303 Local Evacuation
  - 9.1.1.4 Contact the Station Superintendent, if necessary, and the Shift Technical Advisor, inform them of the situation.
  - 9.1.1.5 For samples, contact the Shift Chemistry Technician. If necessary, implement EP-230, Chemistry Sampling and Analysis Team Activation.

- 9.1.1.6 For in-plant surveys, or contaminated injury, contact a Shift HP Technician. If necessary, implement EP-250, Personnel Safety Team Activation.
- 9.1.1.7 For fire/damage repair, contact the Maintenance Shift Assistance Foreman. If necessary, to implement EP-260, Fire and Damage Team Activation and/or EP-261, Damage Repair Group.
- 9.1.1.8 For a liquid release, implement EP-312, Radioactive Liquid Release, if required.
- 9.1.1.9 For security matters, implement EP-208, Security Team Activation, if required.
- 9.1.1.10 For airborne releases, contact Shift Technical Advisor. If necessary, implement EP-210, Dose Assessment Team Activation.

9.2 FOLLOW-UP

- 9.2.1 (Interim) Emergency Director shall:
  - 9.2.1.1 Periodically evaluate the event classification in accordance with EP-101, Classification of Emergencies, and escalate or de-escalate the classification, as necessary.
  - 9.2.1.2 If classification is de-escalated fill out Appendix EP-102-2, Unusual Event De-Escalation Message and give it to the communicator and direct the communicator to perform notification of the appropriate parties listed in Appendix EP-102-3, Unusual Event Phone List.
  - 9.2.1.3 Obtain the following information as necessary to formulate further actions:
    - A. Sample analysis from Shift Chemistry Technician or Chemistry Sampling and Analysis Team Leader.
    - B. In-plant surveys or status of contaminated injury from Shift HP Technician or Personnel Safety Team Leader.

- C. Fire/Damage Repair status from the Maintenance Shift Assistant Foreman or Fire and Damage Team Leader.
  - D. Airborne releases calculation from Shift Technical Advisor or Dose Assessment Team Leader.
  - E. Notification Results from Communicator.
- 9.2.1.4 Determine which support personnel are necessary for emergency functions and direct the Shift Clerk to contact those personnel. If Shift Clerk is not available, this function shall be assigned to an available individual.
- 9.2.2 The Communicator Shall:
- 9.2.2.1 Inform (Interim) Emergency Director when appropriate notifications have been made and submit completed copy of Appendix EP-102-3, Unusual Event Phone List, for (Interim) Emergency Director's Signature.

10. REFERENCES

- 10.1 Limerick Generating Station Emergency Plan
- 10.2 NUREG-0654, Criteria For Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants.  
Rev. 1
- 10.3 EP-303 Local Evacuation
- 10.4 EP-101 Classification of Emergencies
- 10.5 EP-230 Chemistry Sampling and Analysis Team Activation
- 10.6 EP-250 Personnel Safety Team Activation
- 10.7 EP-260 Fire and Damage Team Activation
- 10.8 EP-261 Damage Repair Group
- 10.9 EP-312 Radioactive Liquid Release



APPENDIX EP-102-1

UNUSUAL EVENT NOTIFICATION MESSAGE

MESSAGE: This (is)(is not) a drill. This (is)(is not) a  
drill. This is the Limerick Generating Station calling to report an  
Unusual Event. My name is \_\_\_\_\_, telephone  
\_\_\_\_\_. Limerick Generating Station is reporting an  
Unusual Event declared at Unit No. \_\_\_\_\_. Time and date of  
Unusual Event 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). There is no protective  
action recommended. This (is) (is not) a drill. This (is)  
(is not) a drill.

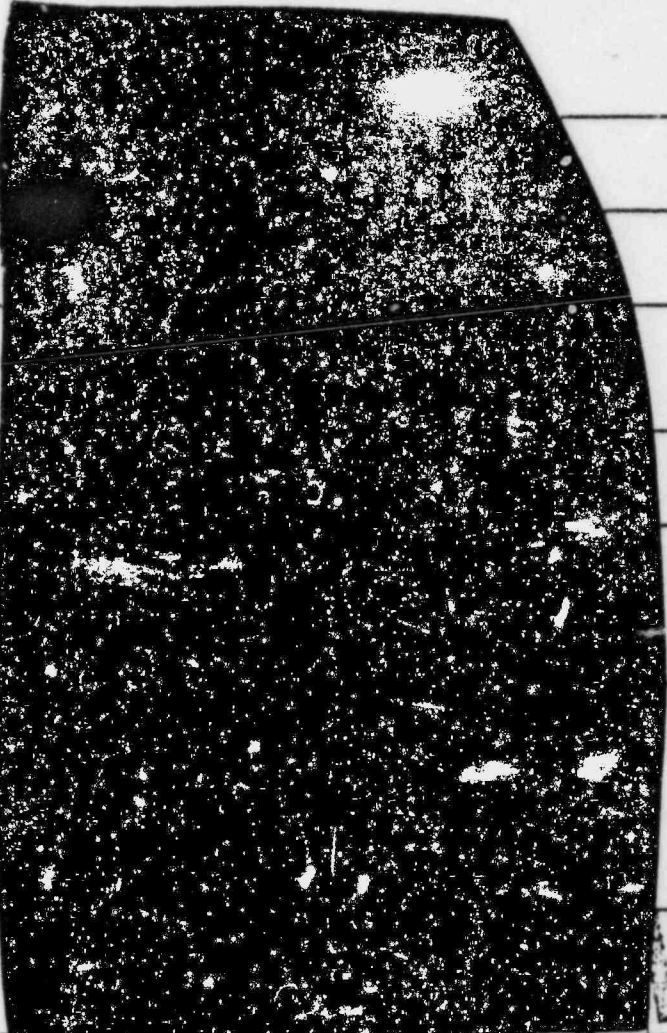
APPENDIX EP-102-2

UNUSUAL-EVENT DE-ESCALATION MESSAGE

MESSAGE: This (is) (is not) a drill. This (is) (is not) a  
drill. This is Limerick Generating Station calling to de-escalate  
an Unusual Event. Please connect me with the appropriate authority.  
This is Limerick Generating Station calling to report the  
termination of an Unusual Event. My name is \_\_\_\_\_.  
Time and date are \_\_\_\_\_. This (is) (is not) a  
drill. This (is) (is not) a drill.

APPENDIX EP-102-3  
UNUSUAL EVENT PHONE LIST

Time Initiated \_\_\_\_\_

Personnel/Agency To Be Notified	Phone Number	Time	Person Responding
a. Emergency Director G. M. Leitch	Home Office		
Alternate J. P. Franz	Home Office		
b. Load Dispatcher	Office		
c. Montgomery County Office of Emer. Preparedness and Medical Services			
d. Pennsylvania Emergency Management Agency			
e. Pennsylvania Bureau of Radiation Protection Harrisburg, PA			
f. Manager - Public Information Ronald Harper	Home Office		
g. Director - Emergency Preparedness Roberta Kankus	Home Office		

SECRETARY

APPENDIX EP-102-3  
UNUSUAL EVENT PHONE LIST

(INITIAL NOTIFICATION)

Time Initiated \_\_\_\_\_

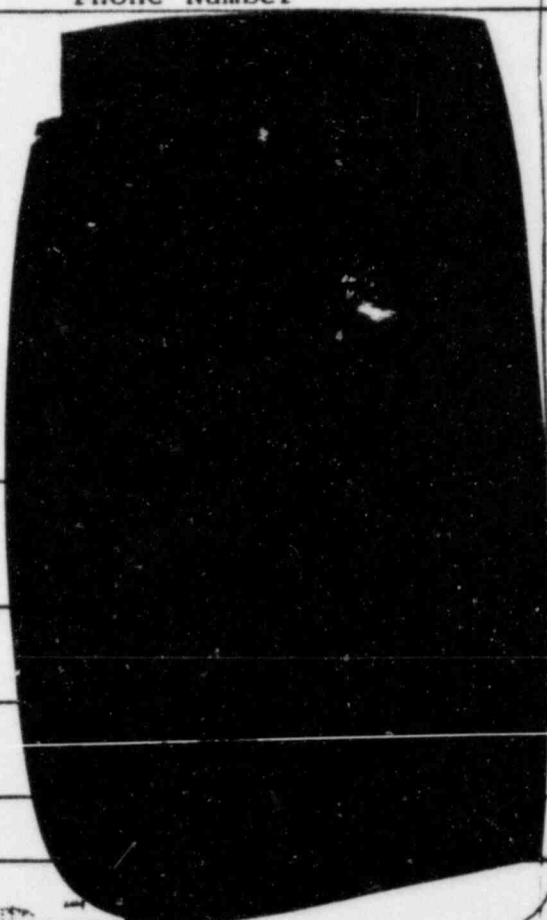
Personnel/Agency To Be Notified

Phone Number

Time

Person Responding \_\_\_\_\_

h. NRC Operations Center\*  
Bethesda, MD



\*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: \_\_\_\_\_

Verified By: \_\_\_\_\_

~~PROPRIETARY~~  
EMERGENCY DIRECTOR

*JM Latch 10/10/84*

PHILADELPHIA ELECTRIC COMPANY  
LIMERICK GENERATING STATION  
EMERGENCY PLAN IMPLEMENTING PROCEDURE

EP-294 DOSE ASSESSMENT TEAM PHONE LIST

1.0 PURPOSE

The purpose of this procedure is to provide guidelines and information to call in the Dose Assessment Team.

2.0 RESPONSIBILITIES

2.1 The Dose Assessment 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 Dose Assessment Team is to be activated or additional people are needed.

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*[Handwritten signature]*

8.0 PRECAUTIONS

None

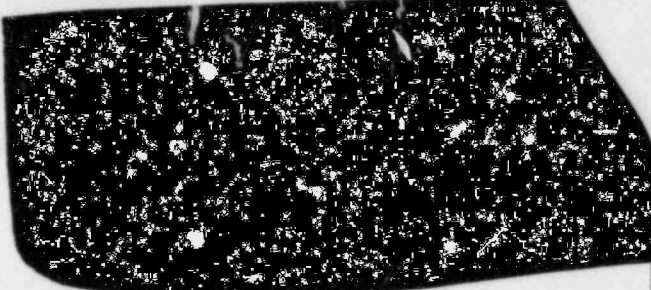
9.0 PROCEDURE

9.1 Actions

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

9.1.2 DOSE ASSESSMENT TEAM LEADER (ONE)

9.1.2.1

<u>Name</u>	<u>Home Phone</u>	<u>Work Phone</u>
Gary Murphy (H.P. Tech Support)		
D. M. Rombold (Physicist)		
Alternate K. Eldridge (HP Radwaste)		

9.1.3 DOSE ASSESSMENT GROUP MEMBERS (3 MINIMUM)

9.1.3.1

<u>Name</u>	<u>Home Phone</u>	<u>Work Phone</u>
F. Molohon L. Wells K. Eldridge M. J. McGuinn M. Christinziano C. Hetrick		

**PROPRIETARY**

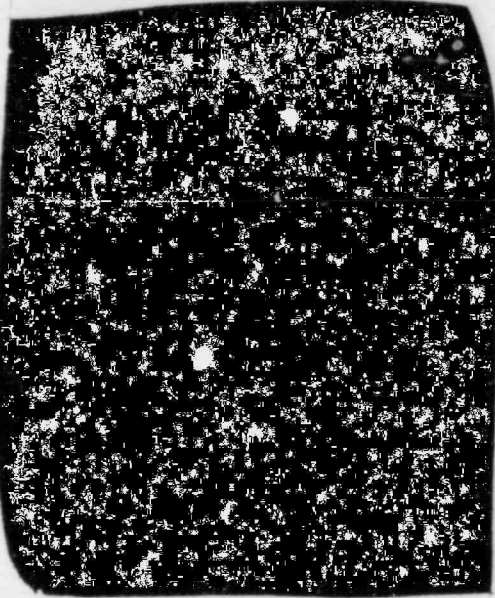
9.1.4 FIELD SURVEY GROUP

9.1.4.1 Field Survey Group Leader (One)

Name	Home Phone	Work Phone
Steve Taylor		
Alternate Robert Leddy		

9.1.4.2 Field Survey Group Members:

A. Health Physics Personnel

Name	Home Phone	Work Phone
R. Dailey		
M. L. Engle		
D. Fay		
M. E. Gerry		
R. Giddings		
K. Gordon		
R. Gosnay		
J. Gruber		
R. Harcombe		
D. Hines		
J. Lightner		
B. M. Mahanes		
J. E. Muscarella		
B. G. Smith		
J. Wiecejorek		
T. Woodring		
A. Parducci		
S. Baker		

B. Drivers

Drivers Available by Calling:

Name	Home Phone	Work Phone
R. Wiegler		
L. Perkoski		

10.0 REFERENCES

**PROPRIETARY**