

3875012660

Page 1 of 4  
Revision 74  
02/11/87

LIMERICK GENERATING STATION  
EMERGENCY PLAN PROCEDURE INDEX

PROCEDURE NUMBER	REV. NO.	TITLE	DATE SIGNED BY SUPER.	DATE OF LAST PERIODIC REVIEW
EP-101	4	Classification of Emergencies	03/25/85	10/23/86
EP-102	11	Unusual Event Response	07/28/86	07/28/86
EP-102 (Appendix 1)	2	Unusual Event Notification Forms	01/07/87	01/07/87
EP-103	14	Alert Response	07/28/86	07/28/86
EP-103 (Appendix 1)	2	Alert Notification Forms	01/07/87	01/07/87
EP-104	13	Site Emergency Response	07/28/86	07/28/86
EP-104 (Appendix 1)	2	Site Emergency Notification Forms	01/07/87	01/07/87
EP-105	13	General Emergency Response	07/28/86	07/28/86
EP-105 (Appendix 1)	2	General Emergency Notification Forms	01/07/87	01/07/87
EP-106	5	Written Summary Notification	10/27/86	10/23/86
EP-110	7	Personnel Assembly and Accountability	10/27/86	10/23/86
EP-120	4	Site Emergency Coordinator	10/27/86	10/23/86
EP-201	6	Technical Support Center (TSC) Activation	11/03/86	11/03/86
EP-202	6	Operations Support Center (OSC) Activation	01/07/87	01/07/87
EP-203	6	Emergency Operations Facility (EOF) Activation	05/22/86	04/01/85
EP-208	6	Security Team	09/23/86	09/23/86
EP-210	6	Dose Assessment Team	11/03/86	11/03/86
EP-211	2	Field Survey Group	03/25/85	10/23/86
EP-220		CANCELLED		
EP-221		CANCELLED		
EP-222		CANCELLED		
EP-230	6	Chemistry Sampling and Analysis Team	01/12/87	10/23/86
EP-231	13	Operation of Post-Accident Sampling Systems (PASS)	01/12/87	10/23/86

LIMERICK GENERATING STATION  
EMERGENCY PLAN PROCEDURE INDEX

PROCEDURE NUMBER	REV. NO.	TITLE	DATE SIGNED BY SUPER.	DATE OF LAST PERIODIC REVIEW
EP-232		CANCELLED		
EP-233	8	Retrieving and Changing Sample Filters and Cartridges from the Containment Leak Detector during Emergencies	01/12/87	10/23/86
EP-234	8	Obtaining Containment Gas Samples from the Containment Leak Detector during Emergencies	01/12/87	10/23/86
EP-235	7	Obtaining Reactor Water Samples from Sample Sinks following Accident Conditions	01/12/87	10/23/86
EP-236	6	Obtaining Cooling Tower Blowdown Line Water Samples following Radioactive Liquid Release after Accident Conditions	01/12/87	10/23/86
EP-237	9	Obtaining the Iodine/Particulate and/or Gas Samples from the North Vent Wide Range Gas Monitor (WRGM)	01/12/87	10/23/86
EP-238	6	Obtaining Liquid Radwaste Samples from Radwaste Sample Sink following Accident Conditions	01/12/87	10/23/86
EP-240		CANCELLED		
EP-241	11	Sample Preparation and Handling of Highly Radioactive Liquid Samples	01/12/87	10/23/86
EP-242	5	Sample Preparation and Handling of Highly Radioactive Particulate Filters and Iodine Cartridges	03/28/85	10/23/86
EP-243	8	Sample Preparation and Handling of Highly Radioactive Gas Samples	01/12/87	10/23/86
EP-244	3	Offsite Analysis of High Activity Samples	03/12/85	10/23/86
EP-250	2	Personnel Safety Team	12/12/84	10/27/86
EP-251	3	Plant Survey Group	04/01/86	04/01/86
EP-252	9	Search and Rescue/First Aid Group	01/07/87	01/07/87
EP-253	0	Personnel Dosimetry, Bioassay, and Respiratory Protection Group	12/12/84	12/11/86
EP-254	3	Vehicle and Evacuee Control Group	02/04/85	10/23/86
EP-255	2	Vehicle Decontamination	12/12/84	10/23/86

LIMERICK GENERATING STATION  
EMERGENCY PLAN PROCEDURE INDEX

PROCEDURE NUMBER	REV. NO.	TITLE	DATE SIGNED BY SUPER.	DATE OF LAST PERIODIC REVIEW
EP-260	3	Fire and Damage Control Team	11/12/86	11/26/86
EP-261	3	Damage Repair Group	11/12/86	11/12/86
EP-272		CANCELLED		
EP-273		CANCELLED		
EP-275		CANCELLED		
EP-276	8	Fire and Damage Team Phone List	11/12/86	11/12/86
EP-277	11	Personnel Safety Team Phone List	02/11/87	02/11/87
EP-278	10	Security Team Phone List	02/11/87	02/11/87
EP-279	10	Emergency Operations Facility (EOF) Group Phone List	01/07/87	11/12/86
EP-280	12	Technical Support Center (TSC) Phone List	02/11/87	02/11/87
EP-282	7	Government and Emergency Management Agencies Phone List	10/27/86	10/23/86
EP-284	7	Company Consultants and Contractors Phone List	10/27/86	10/23/86
EP-287	4	Nearby Public and Industrial Users of Downstream Water	10/27/86	10/23/86
EP-291	10	Staffing Augmentation	02/11/87	02/11/87
EP-292	10	Chemistry Sampling and Analysis Team Phone List	11/12/86	11/12/86
EP-294	10	Dose Assessment Team Phone List	11/12/86	11/12/86
EP-301	2	Operating the Evacuation Alarm and River Warning System	10/27/86	10/27/86
EP-303	3	Local Evacuation	12/12/84	10/23/86
EP-304	4	Partial Plant Evacuation	10/27/86	10/23/86
EP-305	7	Site Evacuation	01/07/87	01/07/87
EP-306	4	Evacuation of the Information Center	10/27/86	10/23/86
EP-307	3	Reception and Orientation of Support Personnel	10/27/86	10/23/86
EP-312	5	Radioactive Liquid Release	01/09/86	01/09/86



LIMERICK GENERATING STATION  
EMERGENCY PLAN PROCEDURE INDEX

PROCEDURE NUMBER	REV. NO.	TITLE	DATE SIGNED BY SUPER.	DATE OF LAST PERIODIC REVIEW
EP-313	2	Distribution of Thyroid Blocking Tablets	12/12/84	10/27/86
EP-314	1	Emergency Radiation Exposure Guidelines and Controls	03/29/85	12/11/86
EP-315	9	Calculating Offsite Doses from Airborne Releases using RMMS	12/02/86	12/02/86
EP-316	4	Cumulative Population and Near Real-Time Emergency Dose Calculations for Airborne Releases Manual Method	02/10/86	02/10/86
EP-317	6	Determination of Protective Action Recommendations	11/12/86	11/12/86
EP-318	2	Liquid Release Dose Calculations Method for Drinking Water	04/01/85	04/01/85
EP-319	2	Fish Ingestion Pathway Dose Calculation	03/29/85	03/29/85
EP-325	5	Use of Containment Dose Rates to Estimate Release Source Term	12/22/86	11/03/86
EP-330	5	Emergency Response Facility Habitability	10/27/86	10/23/86
EP-333	1	Adjustment of Wide Range Gas Monitor Conversion Factors	05/08/85	05/08/85
EP-401	3	Entry for Emergency Repair and Operations	04/01/86	04/01/86
EP-410	4	Recovery Phase Implementation	11/12/86	11/12/86
EP-500	2	Review and Revision of Emergency Plan	12/12/84	10/23/86



3875012670

EP-277, Rev. 11  
Page 1 of 5  
MJR/jek

PHILADELPHIA ELECTRIC COMPANY  
LIMERICK GENERATING STATION  
EMERGENCY PLAN IMPLEMENTING PROCEDURE

*Gray*  
2/11/87

EP-277 PERSONNEL SAFETY TEAM PHONE LIST

1.0 PARTICIPANTS

- 1.1 Personnel Safety Team Leader calls in Group Leaders.
- 1.2 Plant Survey Group Leader calls the Health Physics Unit Emergency Assistant and HP Senior Technicians.
- 1.3 Health Physics (HP) Senior Technicians calls the HP technicians assigned to their shift.

NOTE: THE AREA CODE IS [REDACTED] UNLESS OTHERWISE SPECIFIED.

2.0 ACTIONS-IMMEDIATE

- 2.1 Personnel Safety Team Leader:

<u>Name</u>	<u>Home</u>	<u>Work</u>
-------------	-------------	-------------

[REDACTED]

- 2.1.1 Personnel Safety Team Leader shall call people from the following list until appropriate group leader positions are filled.

- 2.1.2 Plant Survey Group Leader

<u>Name</u>	<u>Home</u>	<u>Work</u>
-------------	-------------	-------------

[REDACTED]

VALID ONLY WHEN RED

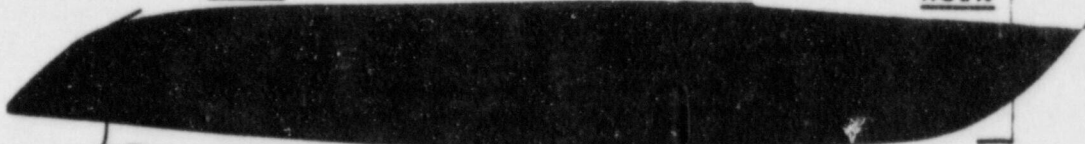
2.1.3 Personnel Dosimetry, Bioassay, and Respiratory  
Protection Group Leader

<u>Name</u>	<u>Home</u>	<u>Work</u>
-------------	-------------	-------------



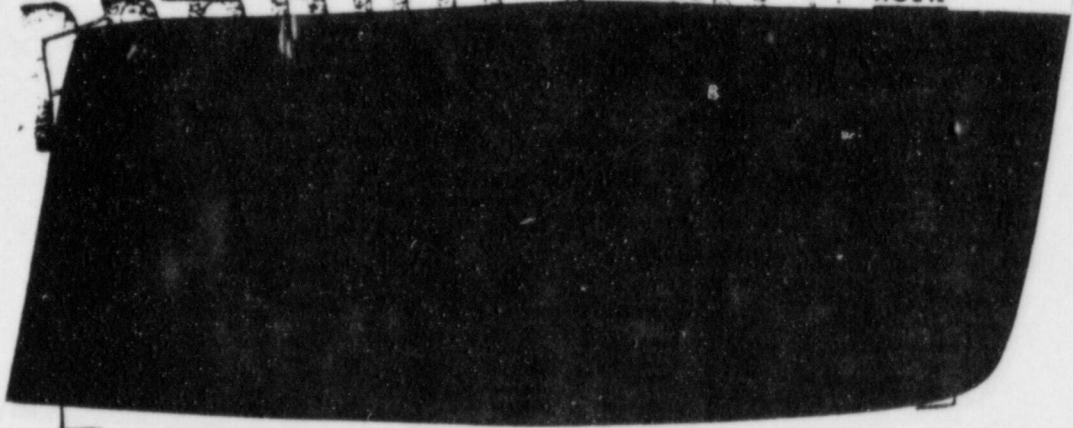
2.1.4 Vehicle and Evacuee Control Group Leader

<u>Name</u>	<u>Home</u>	<u>Work</u>
-------------	-------------	-------------



2.2 Plant Survey Group Leader shall call the Health  
Physics Unit Technical Assistant and the Health  
Physics Sr. Technicians:

<u>Name</u>	<u>Home</u>	<u>Work</u>
-------------	-------------	-------------



2.3 Health Physics Sr. Technicians shall call the  
Individuals on their shift and instruct them to  
report to the OSC (unless an alternate area is  
designated by The Personnel Safety Team  
Leader) as follows:

NOTE

THE FOLLOWING SHIFTS ARE THOSE IN EFFECT ON  
11/14/85. AS CHANGES OCCUR, THE SR. TECHNICIANS  
SHOULD CALL THOSE PERSONNEL ASSIGNED TO THEIR  
SHIFT AT THAT TIME.

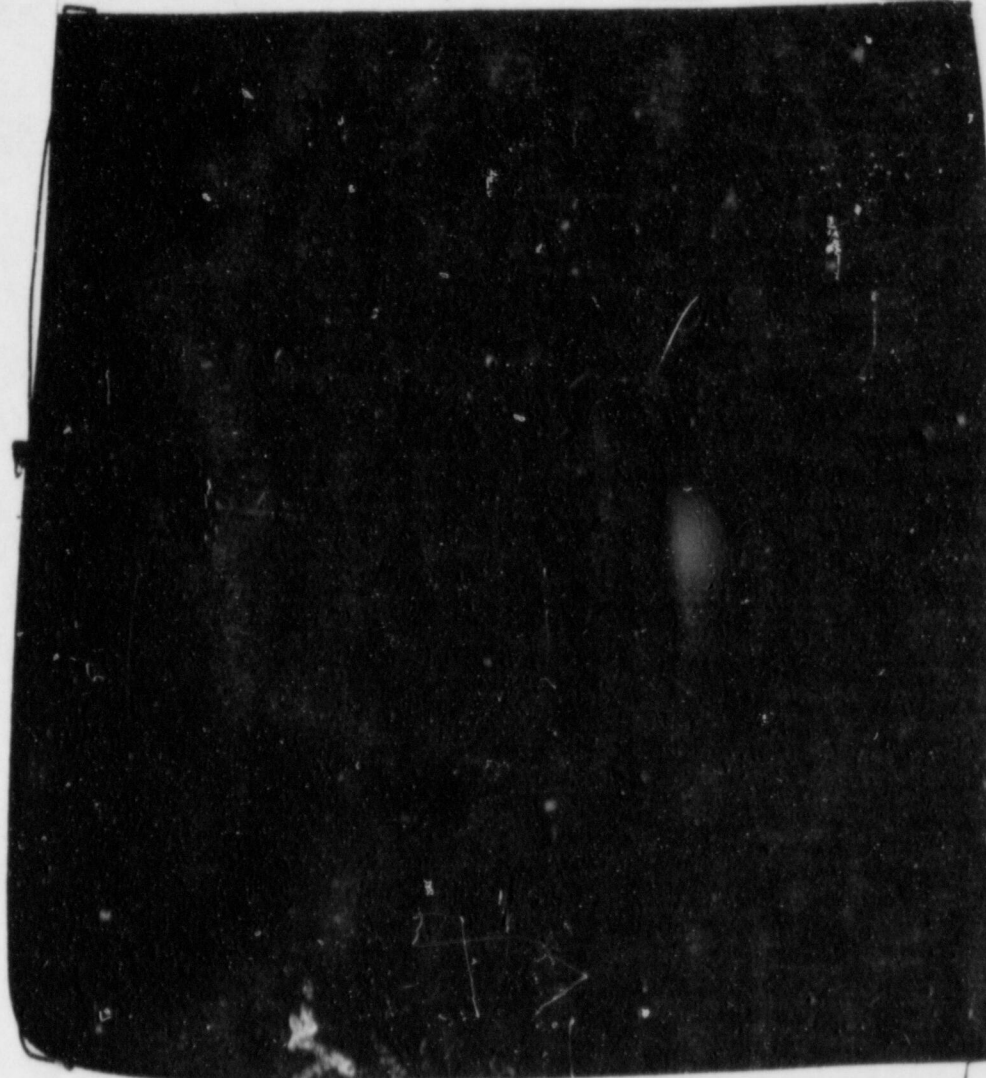
2.3.1

Name

Home

Work

2.3.2



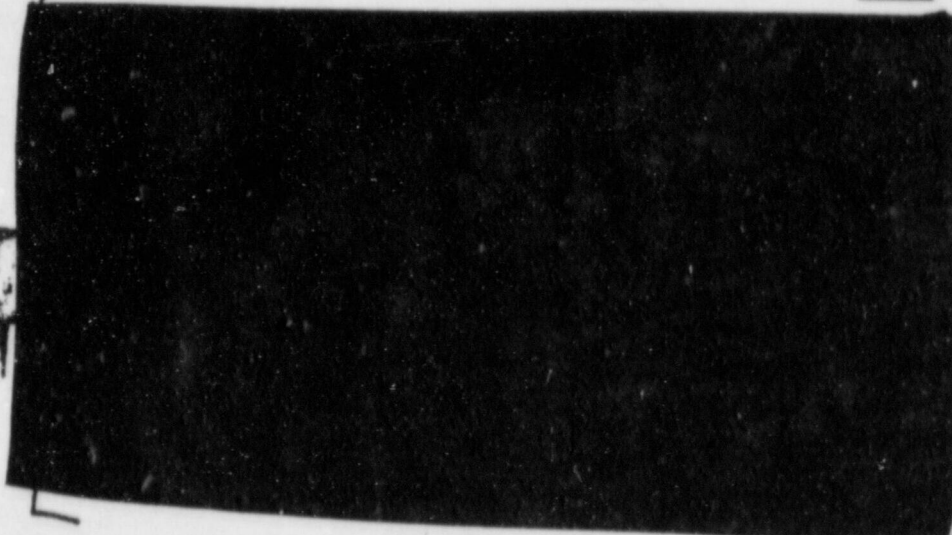


2.3.3

Name

Home

Work



3.0 ACTIONS-FOLLOW-UP

3.1 None required

4.0 APPENDICES

None

5.0 SUPPORTING INFORMATION

5.1 Purpose

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

5.2 Criteria for Use

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

5.3      Special Equipment

None

5.4      References

None

*Gray*  
2/11/87

PHILADELPHIA ELECTRIC COMPANY  
LIMERICK GENERATING STATION  
EMERGENCY PLAN IMPLEMENTING PROCEDURE

EP-278      SECURITY TEAM PHONE LIST

1.0      PARTICIPANTS

- 1.1      Security Team Leader calls in team members.

2.0      ACTIONS - IMMEDIATE

- 2.1      Security Team Leader shall call local people from the  
Philadelphia Electric Company who can be  
contacted to function as a Security Team Leader  
in the TSC.

Home

Work

- 2.2      If one of the above cannot be reached contact one  
of the following to man the Security Team Leader  
desk until relieved by someone in 2.1.

- 2.3      Security Team Members

The Security Team leader shall ensure that either  
the number of Security Force Members on shift is  
sufficient to support the Security response  
required or shall call in additional Security Force  
Members until the numbers are sufficient.

VALID 6/27/87



3.0 ACTIONS - FOLLOW-UP

None Required

4.0 APPENDICES

None

5.0 SUPPORTING INFORMATION

5.1 Purpose

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

5.2 Criteria for Use

( This procedure can be used when the Security Team is to be activated or when people need to be called in.

5.3 Special Equipment

None

5.4 References

None

3875012690

EP-280, Rev. 12

Page 1 of 6

MJR/rgs

*Gray*  
2/11/87

PHILADELPHIA ELECTRIC COMPANY  
LIMERICK GENERATING STATION  
EMERGENCY PLAN IMPLEMENTING PROCEDURE

EP-280 TECHNICAL SUPPORT CENTER PHONE LIST

1.0 PARTICIPANTS

- 1.1 The Emergency Director shall be responsible to have group members notified.
- 1.2 The Communicator shall call in TSC personnel.

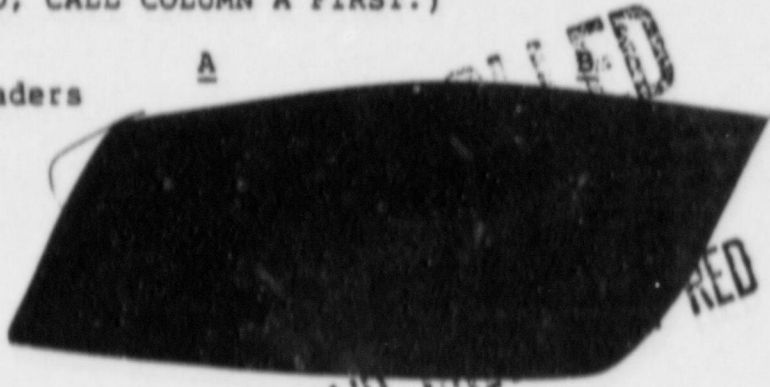
2.0 ACTIONS - IMMEDIATE

- 2.1 The Communicator shall reach the staff to find out who has been notified. Staffing Augmentation
- 2.2 The Communicator shall call people from the following list until appropriate positions are filled.
- 2.2.1 TECHNICAL SUPPORT GROUP PERSONNEL (FOUR, ONE MUST BE LICENSED, CALL COLUMN A FIRST.)

Team Leaders

home  
work

home  
work



VALID

RED

Group Members

home  
work

home  
work

home  
work

home  
work

home  
work

home  
work

home  
work

home  
work

home  
work

home  
work

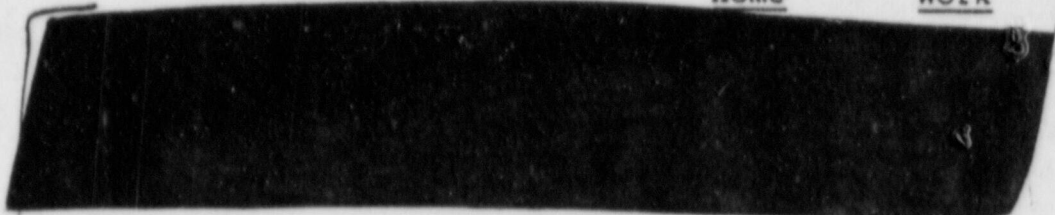
- \*Licensed



2.1.3 PERSONNEL SAFETY TEAM LEADER (ONE)

Home

Work



2.1.4 FIRE and DAMAGE TEAM LEADER (ONE)

Home

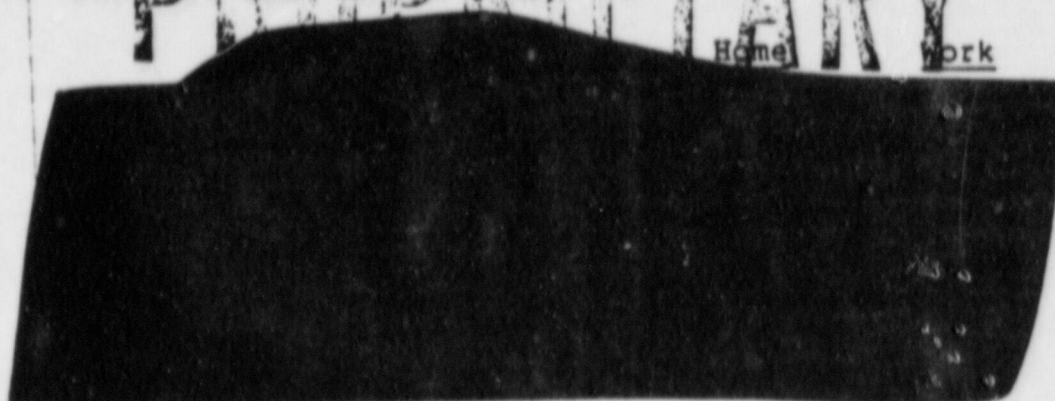
Work



2.1.5 SECURITY TEAM LEADER (ONE)

Home

Work



2.1.6 DOSE ASSESSMENT TEAM LEADER (ONE)

Home

Work



2.1.7 CHEMISTRY SAMPLING AND ANALYSIS TEAM LEADER (ONE)

Home

Work



2.1.8 COMMUNICATORS AND STATUS BOARD KEEPERS (FIVE MINIMUM,  
CALL COLUMN A FIRST)

### Lead Communicators

home  
work

home  
work

home  
work

home  
work

home  
work

home  
work

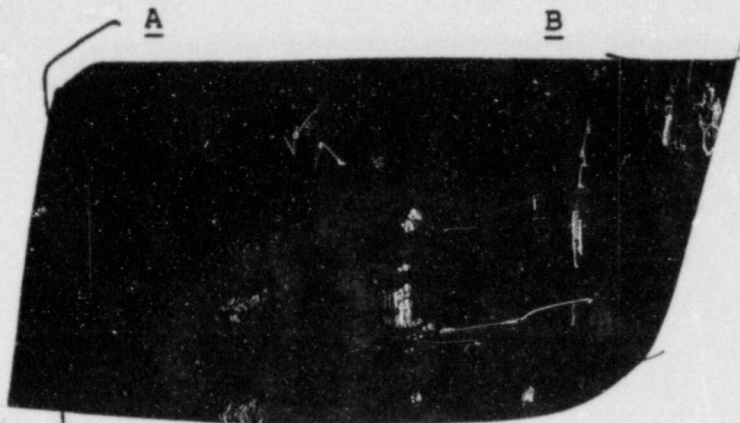
home  
work

## home work

home  
work

home  
work

home  
work



2.1.9 DATA DISPLAY OPERATOR (TWO)

Home

Work

2.1.10 RECORD ROOM PERSONNEL (ONE)

3.0 ACTIONS - FOLLOW UP

None

4.0 APPENDICES

None



5.0 SUPPORTING INFORMATION

5.1 Purpose

The purpose of this procedure is to provide guidelines and information to call in Technical Support Center (TSC) personnel.

5.2 Criteria for Use

5.2.1 The Technical Support Center is to be activated.

5.2.2 Additional Technical Support Group people must be called in.

5.3 Special Equipment

None

5.4 References

None

Gray  
2/11/87

## Personnel Accountability

fety Team  
vey  
earch and rescue  
nd Evacuee Control  
, Bioassay  
ry Protection  
ent Team

Fire and Damage

Fire Fighting

Damage Repair

Chemistry Sampling and Analysis

2.1.2 Contact in sequence the personnel listed in Section 2.2.

2.1.3 Inform each person contacted of the event classification, that they are to respond to their assigned location and what groups under them are to be activated. If the person is unable to respond, go to the next person on the list.

2.1.4 Attempt to contact persons who have radios, by that method if they are known to be "on the page", or the phone is busy or there is no answer.

2.1.5 Inform Emergency Director of results including discrepancies.

2.2 Personnel to be contacted are:

2.2.1 SHIFT I&C TECHNICIAN

Communicator shall request that the TSC be activated.  
(Shift I&C Technician ext. [redacted]  
after hours [redacted])

<u>I&amp;C Technician</u>	<u>Time</u>	<u>By</u>
_____	_____	_____



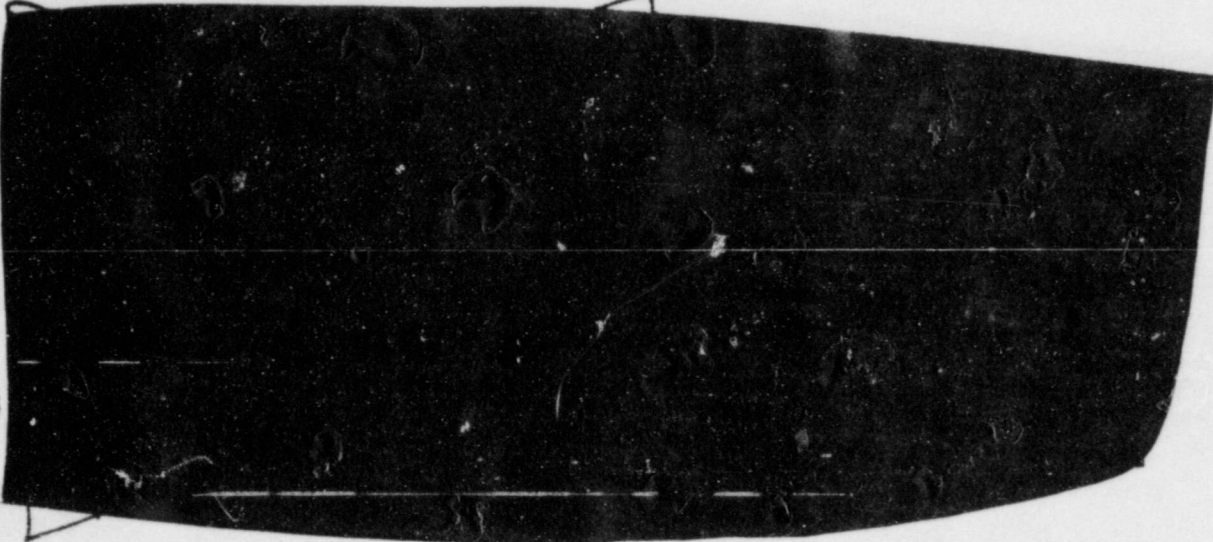
Sub-foreman                  Time                  By

2.2.5 COMMUNICATORS (ONE per facility)

Communicator shall request TSC Communicator to implement EP280 and EOF Communicator to implement EP279. Inform TSC Communicator if Emergency Director has been notified.

<u>Time Called</u>	<u>Disposition-Busy, No Ans.-Contacted</u>	<u>Called By</u>
--------------------	--	------------------

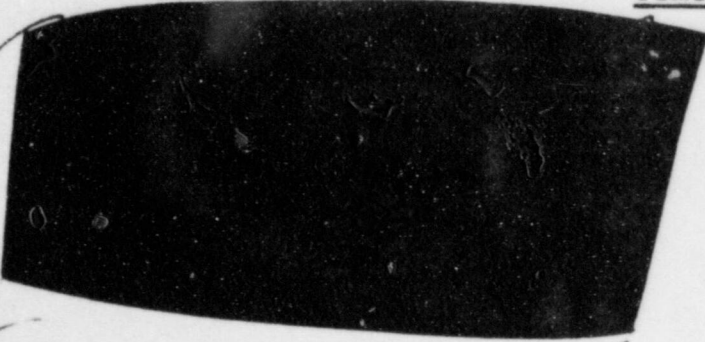
Technical Support  
Center (TSC)  
Communicator



2.2.6 PERSONNEL SAFETY TEAM LEADER (ONE)

Communicator shall request that the Team Leader call in Group Leaders and that the Group Leaders call in their groups.

<u>Time Called</u>	<u>Disposition-Busy, No Ans.-Contacted</u>	<u>Called By</u>
--------------------	--	------------------

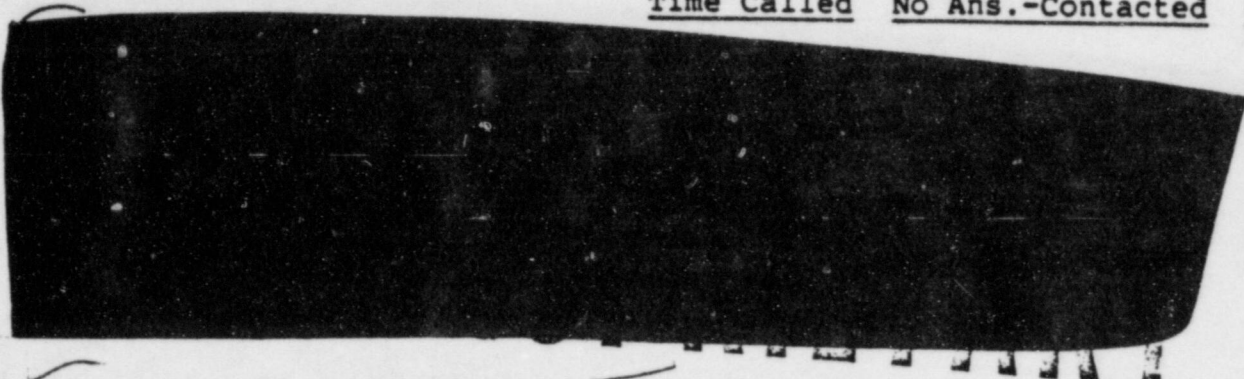




2.2.7 DOSE ASSESSMENT TEAM LEADER (ONE)

Communicator shall request the Team Leader to call in team and the Field Survey Group Leader, and to report to the TSC or EOF as determined by Step 2.1.

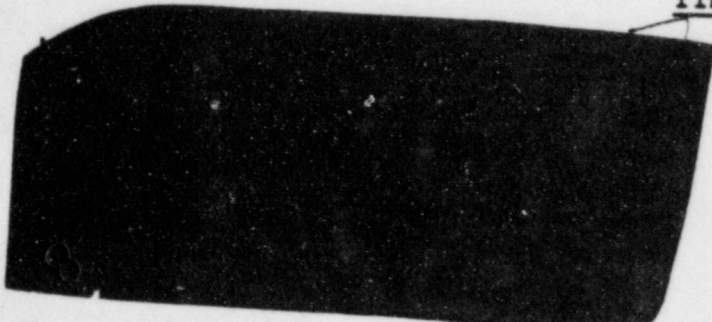
<u>Time Called</u>	<u>Disposition-Busy, No Ans.-Contacted</u>	<u>Called By</u>
--------------------	--	------------------



2.2.8 TECHNICAL SUPPORT TEAM LEADER (ONE)

Communicator shall request call in of Technical Support Team Members.

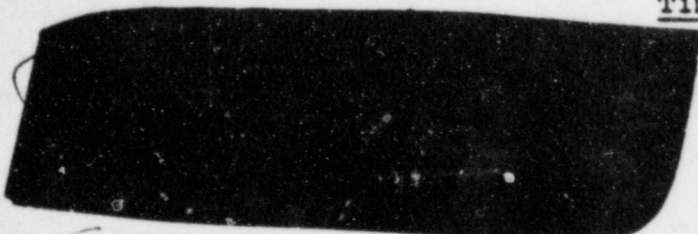
<u>Time Called</u>	<u>Disposition-Busy, No Ans.-Contacted</u>	<u>Called By</u>
--------------------	--	------------------



2.2.9 CHEMISTRY SAMPLING and ANALYSIS TEAM LEADER (ONE)

Communicator shall request call in of Chemistry Sampling and Analysis Team Members by Group Leader.

<u>Time Called</u>	<u>Disposition-Busy, No Ans.-Contacted</u>	<u>Called By</u>
--------------------	--	------------------

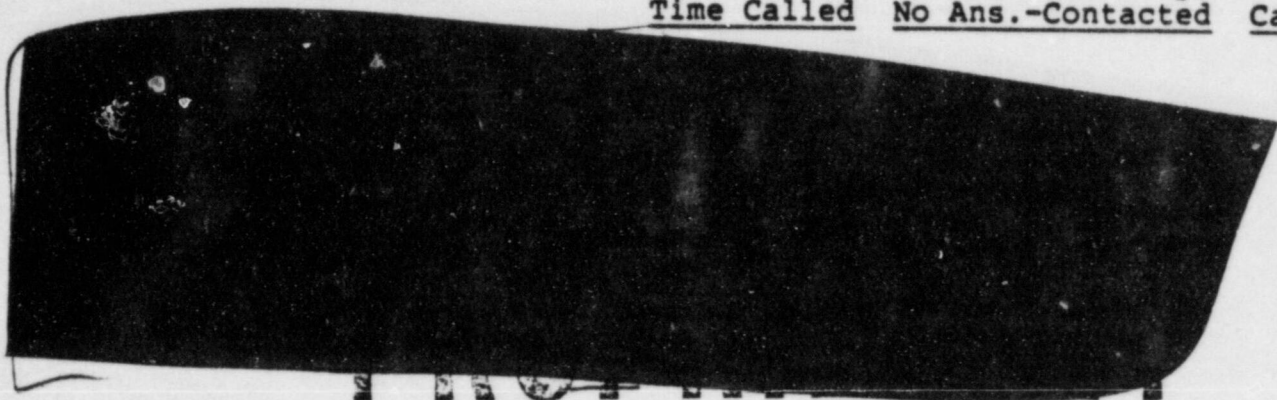




2.2.10 FIRE AND DAMAGE TEAM LEADER (ONE)

Communicator shall request the Team Leader to call the appropriate Group Leaders and have Group Leader call in Group Members.

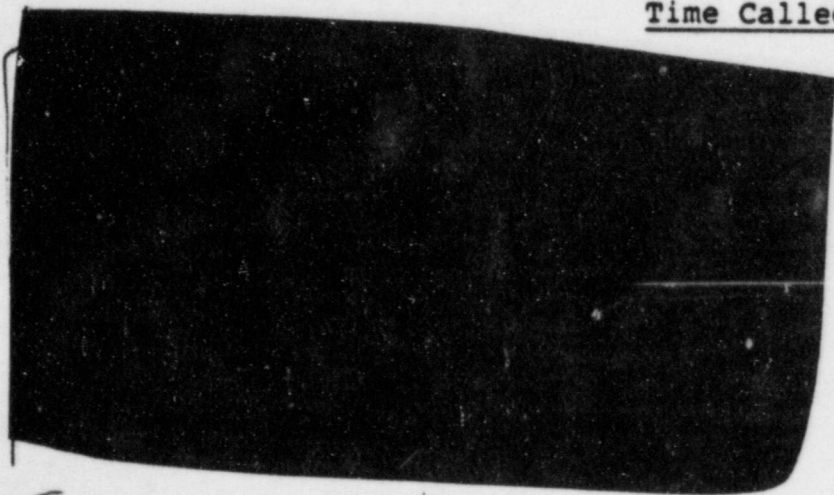
<u>Time Called</u>	<u>Disposition-Busy, No Ans.-Contacted</u>	<u>Called By</u>
--------------------	--	------------------



2.2.11 SECURITY TEAM LEADER (ONE)

Communicator shall request the Team Leader to call appropriate Group Leaders and have Group Leaders call in personnel. Inform Security Team Leader if EOF is to be activated.

<u>Time Called</u>	<u>Disposition-Busy, No Ans.-Contacted</u>	<u>Called By</u>
--------------------	--	------------------



3.0 ACTIONS-FOLLOW-UP

3.1 None Required.

4.0 APPENDICES

None.

5.0 SUPPORTING INFORMATION

5.1 Purpose

The purpose of this procedure is to provide guidelines and information necessary to perform staff augmentation.

5.2 Criteria for Use

This procedure shall be implemented at an Alert, a Site Emergency or a General Emergency or at the discretion of the Emergency Director.

5.3 Special Equipment

None.

5.4 References

None.

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: ~~8703180258~~ DOC. DATE: 87/03/06 NOTARIZED: YES DOCKET #  
 FACIL: 50-352 Limerick Generating Station, Unit 1, Philadelphia Ele 05000352  
 50-353 Limerick Generating Station, Unit 2, Philadelphia Ele 05000353  
 AUTH. NAME AUTHOR AFFILIATION  
 GALLAGHER, J. W. Philadelphia Electric Co.  
 RECIP. NAME RECIPIENT AFFILIATION  
 Document Control Branch (Document Control Desk)

SUBJECT: Forwards Central Files version of revs to emergency plan implementing procedures, including emergency plan procedure index & Rev 11 to EP-277, "Personnel Safety Team Phone List."

DISTRIBUTION CODE: AX45D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 5 + 24  
 TITLE: Emergency Plan or Implementing Procedures (Proprietary)

NOTES: LPDR 2cys Transcripts. 05000352  
 LPDR 2cys Transcripts. Application for permit renewal filed. 05000353

RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
BWR PD4 LA <del>#4</del>	1 1	BWR PD4 PD <del>#3</del>	1 1
MARTIN, R <del>#5</del>	1 1		
INTERNAL: <u>ADM/DRR</u> <del>#6</del>	1 1	IE/DEPER/EPD <del>#2</del>	1 1
IE/DEPER/IRB <del>#7</del>	1 1	REG FILE <del>#1</del>	1 1

NOTES: 2 2





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

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.

*Donnie H. Grimsley*  
Donnie H. Grimsley, Director  
Division of Rules and Records  
Office of Administration

Attachment: As stated