

# **ATTACHMENT 2**

## **LIMERICK GENERATING STATION, UNITS 1 & 2**

**Docket Nos. 50-352  
50-353**

**License Nos. NPF-39  
NPF-85**

### **EMERGENCY RESPONSE PROCEDURE**

**ERP-110 - "Emergency Notification"**

**Revision 30**

**(Sensitive Information Excluded)**

**LEVEL I  
CONTINUOUS USE**

PECO NUCLEAR  
LIMERICK GENERATING STATION  
EMERGENCY RESPONSE PROCEDURE

ERP-110 EMERGENCY NOTIFICATION

1.0 RESPONSIBILITIES

- 1.1 The Emergency Notifications Communicator or the TSC Emergency Director Communicator makes notifications as directed by the Emergency Director/Shift Manager.
- 1.2 NRC Communicator contacts NRC per Nuclear Group Licensing and Regulatory Procedure LR-C-10, Performance Enhancement Program (PEP).

2.0 INITIAL ACTIONS

2.1 Unusual Event (Ref. 6.5.5)

2.1.1 Shift Manager shall:

- 2.1.1.1 Completes Appendix ERP-200-1, Form 1, Sections 2 through 6.
- 2.1.1.2 Make copy of Appendix ERP-200-1 Form 1 and ensure NRC Communications is completed within 15 minutes per LR-C-10.
- 2.1.1.3 Inform the Secondary Alarm Station (SAS) operator, extension 5164 (Prelude extension 181), that emergency conditions exist and 15 minutes notification need 'completion'.
- 2.1.1.4 Fax Appendix ERP-200-1, Form 1 to SAS/BRE (Fax extension 2029).

2.2 Unusual Event

2.2.1 Emergency Notifications Communicator shall:

- 2.2.1.1 Receive the completed appendix ERP-200-1, Form 1, Emergency notification message Form, from the Emergency Director.
- 2.2.1.2 Contact Supervisor Nuclear Security (per applicable Security procedure) immediately upon notification from Shift Manager of impending notifications.

NOTE

THE EMERGENCY DIRECTOR SHOULD HAVE COMPLETED SECTION 2 THROUGH 6.

- 2.2.2 IF SAS/BRE habitability requires use of respirators,
  - 2.2.2.1 Inform Shift Manager/Emergency Director (Ext. 2128) of TSC telephone numbers
    - A. Prelude 111
    - B. Station Extension 5109
    - C. TSC Fax Number 2632
  - 2.2.2.2 Obtain D 1512 key for TSC access.
  - 2.2.2.3 Relocate to TSC E.D. communicator area.
  - 2.2.2.4 Contact Shift Manager/Emergency Director upon arrival at the TSC (Ext. 2128).
- 2.2.3 Complete Section 1 of Appendix ERP-200-1, Form 1.
- 2.2.4 Complete 15 Minute Notifications (Section A) of Appendix ERP-110-1, Emergency Notification Phone List, using Appendix ERP-200-1, Form 1 as source of information.
  - 2.2.4.1 Record time AND person contacted for each call on phone list.
  - 2.2.4.2 For conference calls to state/county agencies:
    - A. Request person answering to hold line until all agencies have answered.
    - B. Read entire message from Appendix ERP-200-1, Form 1.
    - C. Request names of persons on line AND confirmation that message was received/understood.
    - D. IF any agency failed to answer, THEN use alternate methods identified in ERP-110 Appendix 1 AND notify Shift Manager/Emergency Director (Ref. 6.5.4).

NOTE

IF EMERGENCY CLASSIFICATION IS CHANGED BEFORE 15 MINUTE NOTIFICATIONS ARE COMPLETED, THEN START 15 MINUTE NOTIFICATIONS OVER AND REPORT INFORMATION FOR BOTH THE EARLIER CLASSIFICATION AND THE NEW CLASSIFICATION.

- 2.2.5 After 15 minute notifications are complete continue with secondary notifications, reading ONLY Sections 1, 2, and 3 of Appendix ERP-200-1, Form 1.
- 2.2.6 For ALERT OR HIGHER classification:
- 2.2.6.1 Upon notification by Shift Manager of Alert or higher or at the discretion of the Emergency Director implement ERP-140, Staffing Augmentation.
- 2.2.6.2 Receive the completed Appendix ERP-200-1, Form 1 from the Emergency Director. (Section 2 thru 6 should be complete).
- 2.2.6.3 Complete Section 1 of appendix ERP-200-1, Form 1.
- 2.2.6.4 Per Section 2.2.4 of this procedure, complete 15 Minute Notifications (Section A) of Appendix ERP-110-1, Emergency Notification Phone List, using Appendix ERP-200-1, Form 1 as source of information.
- 2.2.7 After implementation of ERP-140 and completion of the 15 minute notifications, continue with the secondary notifications (Section C through J) reading ONLY Sections 1, 2, 3 of appendix ERP-200-1, Form 1.
- 2.2.8 After completing the secondary notifications, generate a site-wide Aspen notification reading sections 1,2,3, and 4 of Appendix ERP-200-1, Form 1. Instructions for transmittal of the site wide Aspen are found in the Confidential Pager Report (Ref. 6.5.6).

NOTE

NRC COMMUNICATOR SHOULD BE LICENSED AND MUST CONTINUOUSLY MAN NRC FTS-2000 PHONE UNTIL NRC DISCONNECTS OR AUTHORIZES SECURING LINE.

**WARNING**

THE NRC COMMUNICATOR SHALL NOT BE THE SRO/STAs PERFORMING THE STA FUNCTION. (REF. 6.5.2)

**2.3 NRC COMMUNICATOR**

- 2.3.1 Contact NRC on FTS-2000  
AND maintain communications until NRC disconnects  
OR authorizes securing line.
  - 2.3.1.1 Contact NRC using Appendix ERP-110-1,  
Emergency Notification Phone List, Section B.
  - 2.3.1.2 Sections 4, 5, 6 of Appendix ERP-200-1,  
Form 1 need not be supplied to NRC unless  
requested.
  - 2.3.1.3 After notification to the NRC is complete,  
fax the completed ERP-110-1 form to the  
Emergency Director Communicator in the TSC at  
extension 2632 (Ref. 6.5.7, 6.5.8).

**3.0 CONTINUING ACTIONS**

- 3.1 Emergency Notifications Communicator or the TSC Emergency  
Director Communicator
  - 3.1.1 Inform Emergency Director when notifications are  
completed (ext. 2128).
  - 3.1.2 IF ERP-140, Staffing Augmentation was implemented,  
THEN report status to Emergency Director (ext. 2123).
  - 3.1.3 Perform courtesy call to Resident NRC Inspector or  
designee if available, using Appendix ERP-110-1,  
Section K.
  - 3.1.4 Submit completed Appendix ERP-200-1, Form 1, Emergency  
Notification Message Form and completed Appendix  
ERP-110-1 to Emergency Director for verification Fax  
ext. 2092 (Ref 6.5.1)
  - 3.1.5 If directed by the Emergency Director to contact  
Government and Emergency Management Agencies NOT listed  
in ERP-110 Appendix 1, see ERP-C-1500 for telephone  
numbers.

3.1.6 If directed by the Emergency Director to contact company consultants and contractors see ERP-C-1500 for telephone numbers.

3.1.7 Remain on stand-by until relieved by the TSC Emergency Director or until released by the Shift Manager/Emergency Director.

3.2 NRC COMMUNICATOR

3.2.1 Maintain communication with NRC until NRC disconnects OR authorizes securing RED phone.

4.0 FINAL CONDITIONS

4.1 Plant is in a stable condition AND station conditions do not meet ANY Emergency Classifications as delineated in ERP-101 Classification of Emergencies.

4.2 All notification and call out records have been collected and submitted to the Emergency Planning Coordinator.

5.0 ATTACHMENTS AND APPENDICES

5.1 Appendix ERP-110-1, Emergency Notification Phone List

6.0 SUPPORTING INFORMATION

6.1 Purpose

6.1.1 Provide instruction for the Emergency Director Communicator AND NRC Communicator during an emergency.

6.2 Criteria For Use

6.2.1 Declaration of an:

6.2.1.1 Unusual Event

6.2.1.2 Alert

6.2.1.3 Site Area Emergency

6.2.1.4 General Emergency

6.3 Special Equipment

None

6.4 References

- 6.4.1 ERP-200, Emergency Director Response
- 6.4.2 Appendix ERP-200-1, Emergency Director Forms
- 6.4.3 ERP-101, Classifications of Emergencies
- 6.4.4 ERP-140, Staffing Augmentation
- 6.4.5 NRC SECY-93-193, Policy on Shift Technical Advisor Position at Nuclear Power Plants.
- 6.4.6 LR-C-10, Performance Enhancement Program (PEP).

6.5 Commitment Annotation

- 6.5.1 EP Action Item Q0004080
- 6.5.2 A/R A0807812 Eval 1.
- 6.5.3 A/R A1032064, Eval 2.
- 6.5.4 EP Action item Q0005386.
- 6.5.5 EP Action item Q0005493.
- 6.5.6 EP Action item Q0005494.
- 6.5.7 EP Action item Q0005534.
- 6.5.8 PEP I0008264 Eval 3.

APPENDIX ERP-110-1: EMERGENCY NOTIFICATION PHONE LIST

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Time Initiated

PERSONNEL/AGENCY TO BE NOTIFIED WITHIN 15 MINUTES	PHONE NUMBER (CIRCLE NUMBER USED)	TIME	PERSON RESPONDING
<p>(Notify Each)</p> <p>A) Counties (3) and State</p> <ol style="list-style-type: none"> <li>1. Montgomery County Office of Emergency Preparedness</li> <li>2. Chester County Emergency Services</li> <li>3. Berks County Emergency Management Agency</li> </ol> <p>NOTE: IF COMMUNICATIONS WITH PEMA FAIL, INFORM MONTGOMERY COUNTY AND ADVISE THEM TO ASSUME PEMA'S NOTIFICATION ROLE, AND NOTIFY THE SHIFT MANAGER/EMERGENCY DIRECTOR (REF. 6.5.4).</p> <ol style="list-style-type: none"> <li>4. Pennsylvania Emergency Management Agency (PEMA)</li> </ol>	<p>Primary Means:                      Conference all 4 parties on Prelude Phone                      Conference Code: 22</p> <p>Alternate Means:                      Call those not notified on conference                      Call individually</p> <p>Prelude Phone: Ext. 117                      9-610-631-6530</p> <p>Prelude Phone: Ext. 118                      9-610-344-5100</p> <p>Prelude Phone: Ext. 119                      9-610-374-4800                      or Ext. 115</p> <p>Prelude Phone: Ext. 116                      9-1-717-651-2001                      9-1-717-651-2002                      9-1-717-651-2003</p>		



APPENDIX ERP-110-1: EMERGENCY NOTIFICATION PHONE LIST

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Time Initiated

PERSONNEL/AGENCY TO BE NOTIFIED WITHIN 15 MINUTES	PHONE NUMBER (CIRCLE NUMBER USED)	TIME	PERSON RESPONDING
<p>B) NRC Operations Center: Bethesda, MD</p> <p>Make this call last and remain on Telephone until NRC disconnects</p> <p>(PERSON CONTACTING NRC SHOULD BE A LICENSED OPERATOR, BUT SHALL <u>NOT</u> BE THE SRO/STA PERFORMING THE STA FUNCTION.)</p>	<p>Red Phone (ENS)</p> <p>Primary            301-816-5100 Backup 1          301-951-0550 Backup 2          301-415-0550 FAX                301-816-5151</p>		

APPENDIX ERP-110-1: EMERGENCY NOTIFICATION PHONE LIST

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Secondary notifications to be completed after the above  
 personnel/agencies have been notified  
 Time Initiated

SECONDARY NOTIFICATIONS	PHONE NUMBER (CIRCLE NUMBER USED)	TIME	PERSON RESPONDING
C) Notify on-call Emergency Director per ERO on call Duty Roster)        	Home:  Office:  Pager:   Home:  Office:  Pager:   Home:  Office:  Pager:   Home:  Office:  Pager: 		
D) Load Dispatcher	Office: 		
E) 	Home:  Office:  Pager:   *1) Dial 800 number 2) Listen for a short tone and "Please Enter the Pager Number". 3) Enter 4 digit then Access Code. 4) Hear ring, then 3 beeps. 5) Enter desired number then # key. 6) Hear 3 beeps, then busy signal.		

APPENDIX ERP-110-1: EMERGENCY NOTIFICATION PHONE LIST

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Time Initiated

SECONDARY NOTIFICATIONS	PHONE NUMBER (CIRCLE NUMBER USED)	TIME	PERSON RESPONDING
<p>(Notify One)</p> <p>F) Manager Public Information            Primary:            [REDACTED]</p> <p>Alternates:            [REDACTED]</p> <p>[REDACTED]</p> <p>Ask for Public Information Representative on Call</p>	<p>Home: [REDACTED]            Office: [REDACTED]</p> <p>Beeper: [REDACTED]            Pager Code: [REDACTED]</p> <p>Home: [REDACTED]            Office: [REDACTED]</p> <p>Beeper: [REDACTED]            Pager Code: [REDACTED]</p> <p>Home: [REDACTED]            Office: [REDACTED]</p> <p>Beeper: [REDACTED]            Pager Code: [REDACTED]</p> <p>24 Hrs: 801-5555 or (see note)            9-1-215-841-5555</p> <p>NOTE:            WHEN AUTOMATED PAGER SYSTEM PROMPTS THEN ENTER PAGER IDENTIFICATION NUMBER. THEN AFTER 3 BEEPS, ENTER THE NUMBER YOU WANT CALLED FOLLOWED BY "#" SYMBOL. 801-PREFIX IS AN INTERNAL ACCESS CODE.</p>		

APPENDIX ERP-110-1: EMERGENCY NOTIFICATION PHONE LIST

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Time Initiated

SECONDARY NOTIFICATIONS	PHONE NUMBER (CIRCLE NUMBER USED)	TIME	PERSON RESPONDING
<p>(Notify One)</p> <p>G) Emergency Planning</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p>	<p>Home: [REDACTED]            Office: [REDACTED]            Pager: [REDACTED]</p> <p>Home: [REDACTED]            Office: [REDACTED]            Pager: [REDACTED]</p> <p>Home: [REDACTED]            Office: [REDACTED]            Pager: [REDACTED]</p> <p>Home: [REDACTED]            Office: [REDACTED]            Pager: [REDACTED]</p> <p>*1) Dial 800 number</p> <p>2) Listen for Short Tone and "Please Enter the Pager Number."</p> <p>3) Enter 4 digit Access Code,</p> <p>4) Hear ring, then 3 beeps</p> <p>5) Enter desired number then # key.</p> <p>6) Hear 3 beeps, then busy signal.</p>		
<p>H) Operations Security</p>	<p>Ext. 2031 or 2035, or Security Team Leader at Ext. 2622 or 2626 during ALERT classification or higher</p>		

APPENDIX ERP-110-1: EMERGENCY NOTIFICATION PHONE LIST

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

**NOTE: PERFORM FOLLOWING NOTIFICATIONS FOR ALERT OR HIGHER DECLARATION ONLY.**

SECONDARY NOTIFICATIONS	PHONE NUMBER (CIRCLE NUMBER USED)	TIME	PERSON RESPONDING
I) INPO DUTY OFFICER	Emergency Notification Telephone: 9-1-800-321-0614 Emergency FAX: 9-1-770-644-8549 9-1-770-644-8567 Switchboard: 9-1-770-644-8000		
J) American Nuclear Insurers	Normal work hours: 9-1-860-561-3433 After business hours: recording		

NRC COURTESY NOTIFICATION

NOTIFICATION	INSTRUCTIONS	TIME	CONTACT (Y - N)
K) Resident NRC Inspector	Pager: 9-1-800-398-9650		

Completed By: \_\_\_\_\_

Time/Date \_\_\_\_\_

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

EMERGENCY DIRECTOR