


PECO ENERGY

PECO Energy Company
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50-353

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U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

Subject: Limerick Generating Station, Units 1 and 2
1994 Annual Emergency Preparedness Exercise Objectives

Gentlemen:

This letter provides the objectives for the Limerick Generating Station (LGS), Units 1 and 2, 1994 Annual Emergency Preparedness Exercise. The exercise is scheduled to be conducted on Tuesday, November 22, 1994, and involves limited participation from offsite emergency response agencies. This information is being submitted 90-days prior to the scheduled exercise date in accordance with an NRC letter dated August 9, 1989, regarding the submittal of "Emergency Exercise Objectives and Scenario Guidelines."

The Emergency Preparedness Exercise objective information attached to this letter is only being distributed to those individuals specified as recipients in the August 9, 1989 letter, and is not for public disclosure. The August 9, 1989 letter, indicates that the Battelle Pacific National Laboratory should receive a copy of this information. However, based on a telephone conversation between PECO Energy Company and NRC Region I representatives, information for a limited participation annual exercise need not be distributed to Battelle Pacific National Laboratories as directed in the August 9, 1989 letter.

Mr. Richard Z. Kinard, Manager, Emergency Preparedness has been designated as your interface for this emergency exercise. Please forward all future correspondence concerning this exercise to him at the address identified below.

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If you have questions, please contact Mr. Kinard directly at (215) 640-6880.

Very truly yours,



G. A. Hunger, Jr.
Director - Licensing

Attachment

cc: T. T. Martin, Administrator, USNRC, Region I (w/o attachment)
N. S. Perry, USNRC Senior Resident Inspector, LGS (w/ attachment)
R. R. Helmig, Chief, Emergency Preparedness Section, USNRC, Region I
(2 copies of attachment)

**LIMERICK GENERATING STATION
EMERGENCY PREPAREDNESS ANNUAL EXERCISE
SCENARIO L44**

A. DRILL CONDUCT

- A1 Conduct an annual exercise.
- A7 Conduct an exercise under varying weather conditions.
- A8 Conduct a formal critique in order to identify weak or deficient areas that need correction.
- A9 Conduct an exercise that tests the ERO's ability to respond to a rapidly degrading simulated situation.

B. INCIDENT ASSESSMENT AND CLASSIFICATION

- B1 Recognize that an emergency action level has been reached (exceeded) and correctly classify the emergency.
- B2 Continuously monitor applicable parameters and correctly upgrade/downgrade the emergency classification in a timely fashion.
- B3 Determine the source term of a simulated airborne radiological release.
- B4 Correctly determine the projected dose resulting from a simulated gaseous radiological release.
- B8 Use field monitoring to effectively track and measure a simulated gaseous radioiodine release.
- B9 Assess plant conditions and compare projected or actual (simulated) doses to Protective Action Guidelines to provide appropriate protective action recommendations.
- B10 Assess the type and extent of simulated damage to station equipment.
- B14 Determine actual or projected magnitude and locations of simulated radiological liquid or gaseous hazards.
- B15 Access meteorological data for use in dose projections.

C. NOTIFICATION AND COMMUNICATION

- C1 Perform initial notification of the counties and state(s) within 15 minutes of emergency declaration
- C2 Perform initial notification of the NRC immediately after notification of appropriate state or local agencies and not longer than one hour of emergency declaration.
- C3 Complete secondary notifications in a timely fashion.
- C5 Make follow-up notifications to agencies notified initially upon escalation or downgrade of the emergency classification/situation.
- C6 Activate the ERO using the public address system, telephone, and/or pagers.
- C9 Conduct two-way communications between the TSC/EOF and field monitoring teams.
- C10 Conduct two-way communication between emergency teams and their controlling emergency facilities (Operations Support Center, Technical Support Center).
- C11 Notify station personnel of evacuation using station alarms and public address system.
- C12 Conduct station personnel accountability
- C14 Maintain and update status boards.
- C15 Maintain and update emergency logs
- C16 Periodically update emergency response personnel using the public address system or other appropriate means.
- C17 Establish communications within and between emergency response facilities.

D. EMERGENCY FACILITY ACTIVATION AND STAFFING

- D1 Activate the TSC within approximately 1 hour of communication of Alert declaration.
- D2 Activate the OSC within approximately 1 hour of communication of Alert declaration.
- D3 Activate the EOF within approximately 1 hour of communication of Site Area Emergency declaration.
- D4 Activate the ENC in accordance with the emergency communications plan.

E. RADIOLOGICAL EXPOSURE CONTROL

- E1 Distribute dosimetry and/or ensure the radiological habitability in the emergency response facilities.
- E3 Issue respiratory protection to emergency response personnel, as appropriate.
- E4 Issue protective clothing to emergency response personnel, as appropriate.
- E6 institute measures to control the spread of contamination.
- E7 Perform decontamination of simulated, contaminated personnel as required by the scenario.
- E8 Simulate equipment decontamination as required by the scenario.
- E9 Establish onsite ingestion control measures including prohibition of eating, drinking, and smoking.
- E10 Perform decontamination of relocated, onsite, simulated, contaminated personnel.

F. EMERGENCY DIRECTION AND CONTROL

- F1 Shift management assumes position of Emergency Director until relieved by designated personnel in the TSC.
- F2 Shift personnel initially respond to classify and mitigate the emergency.
- F3 Perform Emergency Director turnover and responsibility transfer from shift management to designated station management personnel.
- F4 Account for all personnel within the protected area in 30 minutes or less.
- F5 Evacuate non-essential site personnel.
- F6 Perform personnel search for accountability.
- F8 Deploy, direct, and track Field Survey Teams to gather environmental radiological data.
- F16 Make Protective Action Recommendations to offsite agencies as appropriate to the Emergency Action Levels and/or Dose Assessment.

G. PUBLIC INFORMATION

- G1 Implement rumor control procedures.
- G2 Prepare, review and approve emergency news releases.
- G4 Forward copies of prepared news releases to corporate headquarters and have prepared statements ready for distribution to the customer service centers for use in rumor control.
- G5 Conduct periodic news conferences.