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June 12, 1984

Mr. Jack Hind
 Division of Emergency Preparedness and Operational Support
 U.S. Nuclear Regulatory Commission Region III
 799 Roosevelt Road
 Glen Ellyn, IL 60137

Subject: Quad Cities Station Emergency Exercise, August 28, 1984

Reference: NRC Docket Numbers 254 & 265

Enclosed are the scope and objectives for the Quad Cities Emergency Response Exercise to be conducted on August 28, 1984. The scope and objectives are in accordance with the agreements reached at the Quad Cities Scenario Planning Meetings held on April 3 and May 14.

Work has begun on the Scenario Outline and Narrative Summary; and they will be forwarded as stipulated in the current schedule. The next Quad Cities Scenario Planning Meeting is scheduled for June 21, 1984.

If you have any questions, please contact me at 294-8154.

Sincerely,

Brent A. Schnell

Brent A. Schnell
 Emergency Planner
 Radioecology and Emergency Planning

Enclosures

cc: D. Farrar
 J. Scott
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Quad Cities Exercise
August 28, 1984

SCOPE OF PARTICIPATION

Commonwealth Edison will participate in the Quad Cities exercise by activating the on-site emergency response organization and the near-site EOF as appropriate, subject to limitations that may become necessary to provide for safe efficient operation of the Quad Cities and other CECO nuclear generating stations.

Activation of the TSC and other on-site participants will be conducted on a real time basis during the evening hours. The shift on duty will receive the initial scenario information and respond accordingly.

The Nuclear Duty Person and the balance of the Recovery Group will be prepositioned close to the Quad Cities to permit use of Recovery Group personnel from distant locations.

Commonwealth Edison will demonstrate the capability to make contact with contractors whose assistance would be required by the simulated accident situation, but will not actually incur the expense of using contractor services to simulate emergency response except as prearranged specifically for the exercise.

Commonwealth Edison will arrange to provide actual transportation and communication support in accordance with existing agreements to the extent specifically prearranged for the exercise.

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Quad Cities Exercise
August 28, 1984

OBJECTIVES

Primary Objective:

Demonstrate the capability to implement the Commonwealth Edison Generating Stations Emergency Plan in cooperation with the Illinois Plan for Radiological Accidents and the Iowa Emergency Plan to protect the public in the event of a major accident at the Quad Cities Station. Demonstrate this capability during the hours to qualify as an evening exercise in accordance with NRC guidance.

Supporting Objectives:

- 1) Incident Assessment and Classification
 - a. Demonstrate the capability to assess the accident conditions, to determine which Emergency Action Level (EAL) has been reached, and to classify the accident level correctly in accordance with GSEP.
- 2) Notification and Communication
 - a. Demonstrate the capability to notify the principal offsite organizations within 15 minutes of declaring an accident classification.
 - b. Demonstrate the capability to notify on-site personnel.
 - c. Demonstrate the capability to notify the NRC within one hour of the initial incident.
 - d. Demonstrate the capability to contact organizations that would normally assist in an emergency, but are not participating in this exercise (e.g. INPO, Murray & Trettel, General Electric, etc.)
 - e. Demonstrate the ability to provide accurate and timely information so that reports may be made to the emergency news center for press releases.
- 3) Radiological Assessment
 - a. Demonstrate the capability to calculate off-site dose projections.
 - b. Demonstrate the capability of environmental field teams to conduct field radiation surveys and collect air, liquid, vegetation and soil samples when needed.

- c. Demonstrate the capability to conduct in-plant radiation protection activities.
- d. Demonstrate the capability to collect and simulate analysis of air or liquid samples on-site.
- e. Demonstrate the ability to perform calculations with radiological survey information, trend this information, and make appropriate recommendations concerning protective actions.

4) Emergency Facilities

- a. Demonstrate the capability to activate the emergency organization and staff the nuclear station emergency response facilities in accordance with procedures during an evening time period.
- b. Demonstrate through discussion and staff planning, the ability to perform a shift change in the TSC and EOF.
- c. Demonstrate the capability to assemble and account for onsite personnel.

5) Emergency Direction and Control

- a. Demonstrate the ability of the directors to manage the emergency organizations in the implementation of the GSEP.
- b. Demonstrate the capability of coordinating the direction of emergency response among CECO, Illinois and Iowa offsite command centers by using Liaison personnel and communicators.

6) Recovery and Re-entry

- a. Demonstrate the capability of the emergency response personnel to identify requirements, programs, and policies governing damage assessments and implementing procedures for recovery and re-entry.