



**Commonwealth Edison**  
960 North Route 47  
Morris, Illinois 60450

March 16, 1984

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

SUBJECT: DRESDEN STATION EMERGENCY EXERCISE, JUNE 5, 1984  
NRC DOCKET NUMBERS 50-237 50-249

Dear Mr. Hind:

Attached are the Objectives and the Scope of Participation proposed for the Dresden Exercise to be conducted on June 5, 1984. These Scenario documents are submitted in accordance with the NRC and FEMA requirements.

Questions regarding the Dresden Scope of Participation or Objectives should be directed to Peter Sexton, (815)-942-8169.

Sincerely,

P.F. Sexton  
Emergency Planner  
Technical Services Nuclear

PFS:wjm

Enclosures

cc: Mr. Wallace Weaver, RAC Chairman  
FEMA, Region V  
300 South Wacker Drive  
Chicago, Illinois 60606

Mr. E. Erie Jones, Director, Illinois ESDA  
110 East Adams Street  
Springfield, Illinois 62705

Mr. Steve Dunas  
Illinois Dept. of Nuclear Safety  
1035 Outer Park Drive  
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CECo: J.C. Golden, Technical Services Nuclear  
J.S. Scott, Technical Services Nuclear  
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D. L. Farrar, Nuclear Licensing Administration

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Dresden Exercise  
June 5, 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 to protect the public in the event of a major accident at the Dresden Station.

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. (Control Room, TSC and EOF.)

2) Notification and Communication

- a. Demonstrate the capability to notify the principal offsite organizations via NARS within 15 minutes of classification. (Control Room, TSC and EOF)
- b. Demonstrate the ability to notify the NRC within one hour of incident occurrence. (Control Room, TSC and EOF.)
- c. Demonstrate the capability to contact organizations that would normally assist in an emergency, but are not participating in this exercise (i.e. Sargent & Lundy, General Electric, INPO). (EOF and TSC.)
- d. Demonstrate the ability to provide accurate and timely information so reports may be made to the Joint Public Information Center (JPIC) for press releases. (JPIC)
- e. Demonstrate the ability of the News Information Center to control rumors that have been generated off-site. (JPIC)

3) Radiological Assessment:

- a. Demonstrate the capability to calculate off-site dose projections. (TSC, and EOF)

3) Radiological Assessment: (cont'd)

- b. Demonstrate the capability of environmental field teams to conduct field radiation surveys, collect air, liquid, vegetation and soil samples when needed. (Environs Team)
- c. Demonstrate the capability to conduct in-plant radiation protection activities. (OSC/Health Physics Teams)
- d. Demonstrate the ability to collect and simulate analysis of air or liquid samples on site. (OSC/Rad.Chem.)
- e. Demonstrate the ability to perform calculations with radiological survey information, trend this information and make appropriate recommendations concerning protective actions. (EOF, TSC)

4) Emergency Facility Manning:

- a. Demonstrate the ability to activate the emergency organization and staff the nuclear station emergency response facilities in accordance with procedures. (Control Room, TSC, EOF, OSC/General Plant and JPIC)
- b. Demonstrate the ability to perform a shift turnover of Directors in the Technical Support Center. (TSC)
- c. Validate the minimum staffing concept of the EOF. (EOF)

5) Emergency Direction and Control

- a. Demonstrate the ability of the directors to manage the emergency organizations in the implementation of the GSEP. (TSC and EOF)
- b. Demonstrate the capability to assemble and account for onsite personnel within 30 minutes of notification. (TSC )
- c. Demonstrate the ability to interface with the NRC through the use of CECO role players as NRC individuals in the Technical Support Center and the Emergency Operations Facility. (TSC and EOF)

6. Recovery and Re-entry

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

### SCOPE OF PARTICIPATION

Commonwealth Edison will participate in the Dresden Station exercise by activating the on-site emergency response organization and the EOF as appropriate, subject to limitations that may become necessary to provide for safe efficient operation of the Dresden Station 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 nighttime hours, starting somewhere between 12 AM and 6 AM. 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 Dresden Station to permit use of Recovery Group personnel from distant locations.

The Corporate Command Center will not be activated.

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. Commonwealth Edison will provide unforeseen actual assistance only to the extent the resources are available and do not hinder normal operation of the company.