

**Commonwealth Edison**960 North Route 47  
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PRINCIPAL STAFF		
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June 27, 1983

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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, SEPTEMBER 13, 1983  
NRC DOCKET NUMBERS 50-237 50-249

Attached are the objectives and the Scope of Participation proposed for the small scale Dresden Exercise on September 13, 1983. If an Exercise schedule change should occur, these proposals can be reviewed and the appropriate changes made.

Questions should be directed to Bob Dwyer, (312) 294-3510 or Terry G. Blackmon, (815) 942-8150.

Sincerely,

*Terry G. Blackmon*

T.G. Blackmon  
Lead Emergency Planner  
South Team  
Technical Services Nuclear

TGB:wjm

## Enclosures

cc: Mr. Dan Bement, Acting Chief Technological Hazards Branch  
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Dresden Exercise  
September 13, 1983  
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 major accident at the Dresden Station.

SUPPORTING OBJECTIVE:

1. Demonstrate the capability to classify accident conditions and make timely reports in accordance with the GSEP.
2. Demonstrate the capability to activate the TSC and EOF with directors and appropriate staff in accordance with procedures.
3. Demonstrate the capability to interface in a timely and effective manner with the principal offsite organizations responsible for responding to a radiological emergency.
4. Demonstrate the capability to exercise initial control of off-site environmental activities in coordination with the appropriate state agencies.
5. Demonstrate the capability to conduct in-plant radiation protection activities, collect and simulate analysis of air or liquid samples.
6. Demonstrate the capability of environmental field teams to conduct field radiation surveys and collect air, liquid, vegetation and soil samples.
7. Demonstrate the capability to calculate off-site dose projections in coordination with governmental agencies.
8. Demonstrate the capability to effectively communicate reports, information and assessments of the situation among all participating principal command and control centers.
9. Demonstrate the capability to process information and take appropriate action in accordance with plans and procedures.
10. Demonstrate the capability to contact organizations that would normally assist in the given emergency situation, but are not fully participating in this exercise.
11. Demonstrate the capability to provide timely and accurate on site accountability.

### SCOPE OF PARTICIPATION

Commonwealth Edison will participate in the Dresden 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 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 day time 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 Dresden 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.

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