



QUAD CITIES NUCLEAR POWER STATION  
1992 GSEP EXERCISE  
SCOPE OF PARTICIPATION

DATE: April 29, 1992

TYPE: Daytime, Partial

OFFSITE AGENCY PARTICIPATION:

NRC (Real time activation from Region III)  
State of Illinois (Partial)  
    Whiteside County  
    Rock Island County  
State of Iowa  
    Scott County  
    Clinton County

PURPOSE:

Test the capability of the basic elements within the Commonwealth Edison Company GSEP, as well as their ability to interface with the NRC and participating state agencies. The Exercise will include mobilization of CECo personnel and resources adequate to verify their capability to respond to a simulated emergency.

CECo FACILITIES ACTIVATED:

- Control Room
- TSC
- OSC
- EOF
- CEOF
- JPIC

CECo FACILITIES NOT ACTIVATED:

- None

The "Exercise" Nuclear Duty Person will be notified of simulated events as appropriate on a real-time basis. The "Exercise" Nuclear Duty Person and the balance of the Corporate Emergency Response Organization will be prepositioned close to the Morrison EOF to permit use of 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. Commonwealth Edison will provide unforeseen actual assistance only to the extent that the resources are available and do not hinder normal operation of the Company.

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OBJECTIVES LIST

STANDARD OBJECTIVES FOR ANNUAL GSEP EXERCISES AND DRILLS

1. Assessment and Classification

Objectives

- a. Demonstrate the ability to assess, within fifteen (15) minutes, conditions which warrant initiating a GSEP classification. (CR, TSC, EOF, CEOF)
- b. Demonstrate the ability to determine applicable Emergency Action Levels (EALs) within fifteen (15) minutes of initiating classification. (CR, TSC, EOF, CEOF)

2. Notification and Communication

Objectives

- a. Demonstrate the ability to correctly fill out a NARS form. (CR, TSC, EOF, CEOF)
- b. Demonstrate the ability to notify appropriate State and local organizations within fifteen (15) minutes of an Emergency classification or significant change in NARS information. (CR, TSC, EOF, CEOF)
- c. For the initial contact via the ENS, demonstrate the ability to correctly fill out NRC Event Notification Worksheets. (Also applicable for subsequent calls if a continuous line is not maintained). (CR, TSC, EOF, CEOF)
- d. Demonstrate the ability to notify the NRC immediately following State notification and within one (1) hour after making an Emergency classification. (CR, TSC, EOF, CEOF)
- e. Demonstrate the ability to provide hourly information updates to the States and within thirty (30) minutes of changes in latest reported conditions on the State Agency Update Checklist. (CR, TSC, EOF, CEOF)
- f. Demonstrate the ability to contact appropriate support organizations that would be available to assist in an actual emergency within one (1) hour of conditions warranting their assistance. (e.g. M+T, Teledyne) (CR, TSC, EOF, CEOF)
- g. Demonstrate the ability to maintain an open-line of communication with the NRC on ENS upon request. (CR, TSC, EOF, CEOF)
- h. Demonstrate the ability to maintain an open-line of communication with the NRC on HPN upon request. (TSC, EOF, CEOF)

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- i. Demonstrate the ability to provide information updates to the NRC within thirty (30) minutes of significant changes in reportable conditions when an open-line of communication is not maintained. (ENS and HPN) (CR, TSC, EOF, CEOF)
- j. Demonstrate the ability to provide adequate informational announcements (e.g. assembly instructions, changes in plant conditions) over the plant public address system. (CR)

3. Radiological Assessment and Protective Actions

Objectives

- a. Demonstrate the ability to collect and document radiological surveys taken for conditions presented in the scenario. (TSC, OSC, EOF, CEOF)
- b. Demonstrate the ability to trend radiological information for conditions presented in the scenario. (TSC, OSC, EOF, CEOF)
- c. Demonstrate the ability to take appropriate protective actions for onsite personnel in accordance with Station procedures. (e.g. respiratory protection, protective clothing, KI) (OSC, TSC)
- d. Demonstrate the ability to adequately prepare and brief personnel for entry into High Radiation Areas in accordance with Station procedures and policies. (OSC, TSC)
- e. Demonstrate the ability to issue and administratively control dosimetry issued to teams dispatched from the OSC in accordance with Station procedures. (OSC)
- f. Demonstrate the ability to establish radiological control in accordance with Health Physics procedures. (TSC, OSC, EOF, CEOF)
- g. Demonstrate the ability to monitor, track and document radiation exposure for inplant operations and maintenance teams in accordance with plant procedures. (TSC, OSC)

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- h. Demonstrate the ability to perform decontamination of radioactively contaminated individuals and equipment in accordance with Station procedures. (OSC)
- i. Demonstrate the ability to identify appropriate Protective Action Recommendations (PARs) within fifteen (15) minutes of obtaining an Offsite Dose Projection or using a Protective Action Recommendation Flowchart. (TSC, EOF, CEOF)
- j. Demonstrate the ability to calculate Offsite Dose Projection in accordance with appropriate procedures. (TSC, EOF, CEOF)
- k. Demonstrate the ability to perform contamination control onsite in accordance with plant procedures. (e.g. area access control, drinking, water, food supplies, return to normal use criteria) (TSC, OSC)
- l. Demonstrate the ability to collect RCS and Containment Atmosphere samples using Post Accident Sample System (PASS) equipment in accordance with PASS procedures and proper Health Physics controls. (CR, OSC)
- m. Demonstrate the ability to perform Core Damage Assessments in accordance with the EIPs. (TSC, EOF, CEOF)

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4. Emergency Facilities

Objectives

- a. Demonstrate the ability to establish minimum staffing in the TSC and OSC within thirty (30) minutes of an Alert or higher Classification during a daytime event in accordance with procedures. (TSC, OSC)
- b. Demonstrate the ability to augment the Control Room staff within thirty (30) minutes of an appropriate Emergency Classification in accordance with procedures. (CR)
- c. Demonstrate the ability to transfer Command and Control authority from the Control Room to the TSC. (CR, TSC)
- d. Demonstrate the ability to transfer Command and Control authority from the TSC to the EOF/CEOF. (TSC, EOF, CEOF)
- e. Demonstrate the ability to transfer Command and Control authority from the CEOF to the EOF. (TSC, EOF, CEOF)
- f. Demonstrate the ability to establish minimum staffing in the Emergency Operations Facility and Joint Public Information Center within approximately one (1) hour of the Site Emergency classification in accordance with procedures. (EOF)
- g. Demonstrate the ability to establish minimum staffing in the Corporate Emergency Operations Facility and Joint Public Information Center within approximately one (1) hour of the Site Emergency classification in accordance with EOF and JPIC procedures. (CEOF, JPIC)
- h. Using information supplied by the Exercise scenario, demonstrate the ability to record, track, and update information on the Status Boards at least every thirty (30) minutes. (CR, TSC, OSC, EOF, CEOF)
- i. Demonstrate the ability to document Operations and Maintenance Team activities in logs and on appropriate Status Boards. (OSC)
- j. Demonstrate the ability to track in-plant job status in logs and on appropriate Status Boards. (CR, TSC, OSC, EOF, CEOF)

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- k. Demonstrate the ability to exchange counterpart activity information between the ERFs at least every sixty (60) minutes. (CR, TSC, OSC, EOF, CEOF)
  - l. Demonstrate the ability to update and disseminate information from the Electronic Status Board. (TSC, EOF)
5. Emergency Direction and Control
- Objectives
- a. Demonstrate the ability of the Directors and Managers to exercise command and control in their respective area of responsibility as specified in procedures. (CR, OSC, TSC, EOF, CEOF)
  - b. Demonstrate the ability to coordinate and expedite Operations and Maintenance activities during abnormal and emergency situations. (TSC, OSC, EOF, CEOF)
  - c. Demonstrate the ability to prioritize resources for Operations and Maintenance activities during abnormal and emergency situation. (TSC, OSC, EOF, CEOF)
  - d. Demonstrate the ability to acquire and transport emergency equipment and supplies necessary to mitigate or control unsafe or abnormal plant conditions. (TSC, OSC, EOF)
  - e. Demonstrate the ability of the Shift Engineer, Station Director, OSC Director and MEO to provide briefings and update concerning plant status, event classification, and activities in progress at least every sixty (60) minutes. (CR, TSC, OSC, EOF, CEOF)
  - f. Demonstrate the ability to provide access for the NRC Site Team in accordance with Access Control procedures. (TSC, EOF, CEOF)
  - g. Demonstrate the ability to interface with the NRC Site Team. (TSC, EOF, CEOF)
  - h. Demonstrate the ability to identify and designate non-essential personnel within thirty (30) minutes after deciding to evacuate the site. (TSC, EOF, CEOF)
  - i. Demonstrate the ability of individuals in the Emergency Response Organization to perform their assigned duties and responsibilities as specified in Generic GSEP. (CR, TSC, OSC, EOF, CEOF)

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6. Public Information

Objectives

- a. Demonstrate the ability to respond to Media requests within sixty (60) minutes in accordance with CECO policies and procedures. (JPIC)
- b. Demonstrate the ability to prepare accurate Press Releases within ninety (90) minutes of significant event while in a Site or General Emergency classification. (JPIC)
- c. Demonstrate the ability to present Media Briefing within ninety (90) minutes of significant events while in a Site or General Emergency classification. (JPIC)
- d. Demonstrate the ability to use visual aids to support Media Briefing information in accordance with CECO policies and procedures. (JPIC)
- e. Demonstrate the ability to maintain of CECO representative in the JPIC at all times. (JPIC)

7. Recovery

Objectives

- a. Demonstrate the ability to determine long-term recovery staffing requirements. (TSC, EOP, JPIC)



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OBJECTIVES TO BE DEMONSTRATED EVERY FIVE YEARS

8. Miscellaneous

Objectives

- a. Demonstrate the backup means of communication for the NARs network. (CR, TSC, EOF, CEOF)
- b. Demonstrate the ability to determine the magnitude of the source term of a release. (TSC, EOF, CEOF)
- c. Demonstrate the ability to establish the relationship between effluent monitor readings and onsite and offsite exposures/contamination for various meteorological conditions. (TSC, EOF, CEOF, Field Teams)
- d. Demonstrate the ability to determine the magnitude of a release based on plant system parameters and effluent monitors. (TSC, EOF, CEOF)
- e. Demonstrate the ability to calculate release rate/projected doses if the primary instrumentation used for assessment is offscale or inoperable. (TSC, EOF, CEOF)
- f. Demonstrate the ability to assemble and account for On-site personnel within 30 minutes of a Site Emergency Declaration. (CR, TSC)
- g. Demonstrate the ability to explain the evacuation route, brief personnel and arrange for traffic control within one (1) hour of deciding to evacuate non-essential personnel. (TSC, EOF, CEOF)
- h. Demonstrate the ability to perform dose rate measurements in the environment for conditions presented in the scenario. (Field Teams)
- i. Demonstrate the ability to dispatch the Environs Teams within forty-five (45) minutes of determination of the need for field samples. (TSC, OSC)
- j. Demonstrate the ability to control/coordinate Environs Teams activities in accordance with Corporate EIPs. (TSC, EOF, CEOF, Field Teams)
- k. Demonstrate the ability to transfer control/coordination of Environs Teams activities from the TSC to the EOF in accordance with Station and EOF procedures. (TSC, EOF)

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- l. Demonstrate the ability of the Security force to respond to an emergency situation in accordance with procedures. (Security)
- m. Demonstrate the ability of the Security force to coordinate actions and interact with the Emergency Response Organization. (Security)

9. Public Information

Objectives

- a. Demonstrate the ability to exchange event information with Non-CECo JPIC representatives for Media Briefings in accordance with CECo policies and procedures. (JPIC)
- b. Demonstrate the ability to coordinate information with Non-CECo JPIC representatives for Media Briefings in accordance with CECo policies and procedures. (JPIC)
- c. Demonstrate the ability to activate Rumor Control. (JPIC)

10. Recovery

Objectives

- a. Demonstrate the ability to identify the criteria to enter a Recovery classification in accordance with procedures. (TSC, EOF)
- b. Demonstrate the ability to generate a Recovery Plan which will return the plant to normal operations in accordance with CECo policies and procedures. (TSC, EOF)
- c. Demonstrate the ability to coordinate recovery actions with the State. (TSC, EOF)
- d. Demonstrate the ability to coordinate recovery actions with the NRC. (TSC, EOF)