

TEXAS UTILITIES GENERATING COMPANY
COMANCHE PEAK STEAM ELECTRIC STATION

PROPOSED OBJECTIVES FOR THE
1983 EMERGENCY PREPAREDNESS
FIELD EXERCISE

A. FOR TEXAS UTILITIES GENERATING COMPANY:

1. Activities Conducted from the Control Room, Technical Support Center (TSC), and Operations Support Center (OSC)
 - a. Notification and Mobilization of Emergency Response Personnel
 - (1) Demonstrate the ability to alert and mobilize TUGCO emergency response personnel in a timely manner.
 - (2) Demonstrate the ability to alert Federal, State and local authorities in a timely manner.
 - b. Emergency Response Facilities and Communications
 - (1) Demonstrate the ability to activate the TSC and OSC in a timely manner.
 - (2) Demonstrate the functional and operational adequacy of the TSC and OSC.
 - (3) Demonstrate the adequacy, operability, and effective use of emergency communications equipment, and the adequacy of communications procedures and methods.
 - c. Direction and Control
 - (1) Demonstrate the precise and clear transfer of responsibilities from the Control Room staff to the TSC staff.
 - (2) Demonstrate the ability of the TSC Manager to maintain command control over all emergency response activities conducted from the TSC throughout the exercise.
 - (3) Demonstrate the ability to gather, assess and disseminate information regarding the status of the emergency conditions and the status of emergency response activities in a timely manner.

- (4) Demonstrate the ability of the Control Room, TSC, and OSC staffs to initiate and coordinate activities in an efficient and timely manner.
- (5) Demonstrate the ability to effectively call upon and utilize TUGCO Corporate or outside support organizations when Station capabilities are exceeded.
- (6) Demonstrate the primary functional responsibilities and/or problem solving capabilities of the Control Room, TSC, and OSC staffs.
- (7) Demonstrate the ability of the Control Room and TSC staffs to execute the CPSES Emergency Plan and associated Emergency Plan Procedures to protect Station personnel and the general public as appropriate.

d. Accident Assessment

- (1) Demonstrate the ability of the Control Room staff to make a timely determination of the cause of an incident, terminate or limit any releases of radioactivity to the environment, and place the affected unit(s) in a safe, stable condition.
- (2) Demonstrate the ability of the TSC staff to support the Control Room staff's efforts to identify the cause of an incident, mitigate the consequences of that incident, and place the affected unit(s) in a safe, stable condition.
- (3) Demonstrate the proficiency of the Control Room and TSC personnel to classify an emergency condition.
- (4) Demonstrate the ability to analyze current plant conditions, and identify projected trends and potential consequences.
- (5) Demonstrate the ability of the Control Room and TSC staffs to inform and update appropriate TUGCO, State and local emergency response personnel regarding the status of an emergency condition in a timely manner.

e. Radiological Assessment

- (1) Demonstrate the ability of the TSC and OSC staffs to direct and coordinate the deployment of onsite and offsite radiological monitoring teams in a timely manner.

- (2) Demonstrate the ability of the Onsite Survey Teams personnel to efficiently and effectively utilize their procedures to perform dose rate surveys, collection and analysis of radiological samples, and other prescribed onsite and in-plant radiological monitoring activities.
- (3) Demonstrate the ability to coordinate onsite and in-plant radiological monitoring activities with those radiological monitoring activities conducted from the Emergency Operations Facility (EOF).
- (4) Demonstrate the ability to perform onsite and offsite dose assessment activities in a timely manner.
- (5) Demonstrate the ability to coordinate offsite dose assessment activities conducted within the TSC with those conducted at the EOF.
- (6) Demonstrate the ability to control and coordinate the flow of information regarding offsite radiological consequences with TUGCO radiological assessment personnel stationed at the EOF.
- (7) Demonstrate the ability to assess information available from the containment and effluent high-level radiation monitoring systems and respond accordingly.
- (8) Demonstrate the ability to obtain and analyze samples utilizing the Post-Accident Sampling System, and assess the resultant data.

f. Protective Response

- (1) Demonstrate the ability to perform timely assessments of onsite and offsite radiological conditions to support the formulation of protective action recommendations.
- (2) Demonstrate the ability to formulate and implement onsite protective action measures in a timely manner.
- (3) Demonstrate the ability to account for and evacuate non-essential site personnel in an orderly and timely manner.
- (4) Demonstrate the ability to control the exposure of onsite emergency workers.
- (5) Demonstrate the ability to formulate and communicate protective action recommendations to local authorities in a timely manner as appropriate.

g. Reentry and Recovery

- (1) Demonstrate the effective implementation of Station procedures for reentry of evacuated onsite areas.
- (2) Demonstrate the ability to de-escalate the onsite emergency response based upon current plant conditions and projected trends.
- (3) Demonstrate the ability to identify and discuss all appropriate onsite reentry and recovery activities based upon the current or projected conditions in all affected onsite areas.

2. Activities Conducted from the Emergency Operations Facility (EOF) and News Center

a. Emergency Response Facilities and Communications

- (1) Demonstrate the ability to activate the EOF and News Center in a timely manner.
- (2) Demonstrate the functional and operational adequacy of the EOF and News Center.
- (3) Demonstrate the adequacy, operability, and effective use of emergency communications equipment, and the adequacy of communications procedures and methods.
- (4) Demonstrate that adequate communications exist between TUGCO personnel stationed at the EOF, and those TUGCO personnel stationed at other emergency response facilities or assigned to the Offsite Monitoring Teams.

b. Direction and Control

- (1) Demonstrate the precise and clear transfer of responsibilities from the TSC staff to the EOF staff.
- (2) Demonstrate the ability of the Emergency Coordinator to maintain command control over all emergency response activities conducted from the EOF throughout the exercise.
- (3) Demonstrate the ability to gather, assess and disseminate information regarding the status of the emergency conditions and the status of emergency response activities in a timely manner.

- (4) Demonstrate the ability of the EOF and News Center staffs to initiate and coordinate activities in an efficient and timely manner.
- (5) Demonstrate the ability to effectively call upon and utilize TUGCO Corporate or outside support organizations when Station capabilities are exceeded.
- (6) Demonstrate the primary functional responsibilities and/or problem solving capabilities of the EOF and News Center staffs.
- (7) Demonstrate the ability of the EOF staff to execute the CPSES Emergency Plan and associated Emergency Plan Procedures to protect Station personnel and the general public as appropriate.

c. Accident Assessment

- (1) Demonstrate the ability of the EOF staff to support the TSC staff's efforts to identify the cause of an incident, mitigate the consequences of that incident, and place the affected unit(s) in a safe, stable condition.
- (2) Demonstrate the ability to analyze current plant conditions and identify projected trends and potential consequences.
- (3) Demonstrate the ability of the EOF staff to inform and update appropriate TUGCO, State and local emergency response personnel regarding the status of an emergency condition in a timely manner.
- (4) Demonstrate the ability to utilize vendor and other outside resources to assist accident analysis and mitigation efforts.

d. Radiological Assessment

- (1) Demonstrate the ability of the EOF staff to direct and coordinate the deployment of Offsite Monitoring Teams in a timely manner.
- (2) Demonstrate the ability of the Offsite Monitoring Teams personnel to efficiently and effectively utilize their procedures to perform dose rate surveys, collection and analysis of radiological samples, and other prescribed radiological monitoring activities.
- (3) Demonstrate the ability to coordinate the TUGCO offsite radiological monitoring activities with those offsite radiological monitoring activities conducted by the State.

- (4) Demonstrate the ability to perform offsite dose assessment activities in a timely manner.
- (5) Demonstrate the ability to coordinate TUGCO offsite dose assessment activities with those conducted by the State.
- (6) Demonstrate the ability to control and coordinate the flow of information regarding offsite radiological consequences with State radiological assessment personnel.

e. Protective Response

- (1) Demonstrate the ability to perform timely assessments of offsite radiological conditions to support the formulation of protective action recommendations.
- (2) Demonstrate that decisions can be made regarding protective action recommendations for the general public and emergency workers within the Plume Exposure (10-mile) Emergency Planning Zone (EPZ).
- (3) Demonstrate the ability to formulate and communicate protective action recommendations to State and local authorities in a timely manner.
- (4) Demonstrate the ability to coordinate with and assist State agencies and local jurisdictions in the implementation of protective action measures as appropriate.
- (5) Demonstrate the ability to formulate and execute measures to protect TUGCO emergency workers within the Plume Exposure EPZ.
- (6) Demonstrate the ability to control the exposure of onsite and offsite TUGCO emergency workers.

f. Public Information

- (1) Demonstrate the capability to coordinate the preparation, review and release of information with Corporate personnel, and Federal, State, and local governmental agencies; and provide accurate and timely information releases to the general public and the news media.

g. Reentry and Recovery

- (1) Demonstrate the ability to de-escalate the onsite emergency response based upon current plant conditions and projected trends.

- (2) Demonstrate the ability to identify and discuss all appropriate onsite reentry and recovery activities based upon the current or projected conditions in all affected onsite areas.
- (3) Demonstrate the ability to identify and discuss all appropriate offsite reentry and recovery activities based upon the current or projected conditions in the affected offsite areas, and methods for de-escalating the general public's response to the emergency condition.

3. TUGCO Corporate Support

a. Notification and Mobilization of Emergency Response Personnel

- (1) Demonstrate the ability to alert and mobilize TUGCO Corporate emergency response personnel in a timely manner.

b. Emergency Response Facilities and Communications

- (1) Demonstrate the adequacy, operability, and effective use of emergency communications equipment, and the adequacy of communications procedures and methods.

c. Direction and Control

- (1) Demonstrate the ability of the TUGCO Corporate Emergency Organization to support the CPSES Emergency Organization in a efficient and effective manner.
- (2) Demonstrate the ability to gather, assess and disseminate information regarding the status of the emergency conditions and the status of emergency response activities in a timely manner.
- (3) Demonstrate the ability of the TUGCO Corporate Emergency Organization to initiate and coordinate activities in an efficient and timely manner.
- (4) Demonstrate the ability to effectively call upon and utilize outside support organizations when TUGCC capabilities are exceeded.
- (5) Demonstrate the primary functional responsibilities and/or problem solving capabilities of the TUGCO Corporate Emergency Organization.
- (6) Demonstrate the ability to execute the Corporate Emergency Management Plan and its associated implementing procedures to support onsite and offsite emergency response efforts as appropriate.

d. Public Information

- (1) Demonstrate the capability to coordinate the preparation, review and release of information with CPSES public information personnel and Federal, State, and local governmental agencies; and provide accurate and timely information releases to the public and the news media.

e. Reentry and Recovery

- (1) Demonstrate the ability to support the de-escalation of the onsite emergency response based upon current plant conditions and projected trends.
- (2) Demonstrate the ability to identify and discuss all appropriate support to onsite recovery activities based upon the current or projected conditions in all affected onsite areas.
- (3) Demonstrate the ability to identify and discuss all appropriate reentry support to offsite recovery activities based upon the current or projected conditions in the affected offsite areas, and methods for de-escalating the general public's response to the emergency condition.

B. FOR THE STATE OF TEXAS:

1. Notification and Mobilization of Emergency Response Personnel

- a. Demonstrate the ability to alert and mobilize State emergency response personnel in a timely manner.

2. Emergency Response Facilities and Communications

- a. Demonstrate the ability to activate the State emergency response facilities in a timely manner.
- b. Demonstrate the functional and operational adequacy of the State emergency response facilities.
- c. Demonstrate the adequacy, operability, and effective use of emergency communications equipment, and the adequacy of communications procedures and methods.
- d. Demonstrate that adequate communications exist between all State personnel stationed at the various emergency response facilities and those State personnel performing field activities.

3. Direction and Control

- a. Demonstrate support from responsible elected or appointed State officials regarding plan familiarity, conduct of operations, and decision-making.
- b. Demonstrate the ability of key State emergency response personnel to maintain command control over all State emergency response activities conducted from their respective emergency response facilities throughout the exercise.
- c. Demonstrate the ability to gather, assess and disseminate information regarding the status of the emergency conditions and the status of emergency response activities in a timely manner.
- d. Demonstrate the ability to effectively call upon outside support organizations.
- e. Demonstrate the ability of each State agency to execute its emergency response plans and procedures to protect the general public as appropriate.
- f. Demonstrate the ability to mobilize and coordinate manpower and materials to support protracted (long-term) operations.

4. Radiological Assessment

- a. Demonstrate the ability to direct and coordinate the deployment of the State offsite radiological monitoring teams in a timely manner.
- b. Demonstrate the ability of the State offsite radiological monitoring teams personnel to efficiently and effectively utilize their procedures to perform dose rate surveys, collection and analysis of radiological samples, and other prescribed activities.
- c. Demonstrate the ability to coordinate the State offsite radiological monitoring activities with those conducted by TUGCO.
- d. Demonstrate the ability to perform offsite dose assessment activities in a timely manner.
- e. Demonstrate the ability to coordinate State offsite dose assessment activities with those conducted by TUGCO.
- f. Demonstrate the ability to control and coordinate the flow of information regarding offsite radiological consequences with TUGCO radiological assessment personnel.

5. Protective Response

- a. Demonstrate the ability to control the exposure of State and local emergency workers.
- b. Demonstrate the ability to perform timely assessments of offsite radiological conditions to support the formulation of protective action recommendations.
- c. Demonstrate that decisions can be made regarding protective action measures for the general public and emergency workers within the Plume Exposure EPZ.
- d. Demonstrate the ability to formulate measures to protect the general public and emergency workers within the Plume Exposure EPZ.
- e. Demonstrate the ability to advise local jurisdictions regarding the implementation of protective action measures, and to assist local jurisdictions in the implementation of protective action measures as appropriate.

6. Public Information

- a. Demonstrate the ability to prepare and disseminate information releases to the news media and the general public in a timely manner.
- b. Demonstrate the ability to coordinate all State information releases to the news media and the general public with those of the counties and TUGCO.

7. Reentry and Recovery

- a. Demonstrate the ability to identify and discuss all reentry and recovery activities based upon the current or projected conditions in the affected offsite areas, and methods for de-escalating the general public's response to the emergency condition.

C. FOR HOOD COUNTY, SOMERVELL COUNTY, AND OTHER LOCAL OFFSITE SUPPORT AGENCIES:

1. Notification and Mobilization of Emergency Response Personnel

- a. Demonstrate the ability to alert and mobilize local emergency response personnel in a timely manner.

2. Emergency Response Facilities and Communications

- a. Demonstrate the ability to activate the Hood County and Somervell County Emergency Operations Centers in a timely manner.
- b. Demonstrate the functional and operational adequacy of the Hood County and Somervell County Emergency Operations Centers.
- c. Demonstrate the adequacy, operability, and effective use of emergency communications equipment, and the adequacy of communications procedures and methods.
- d. Demonstrate that adequate communications exist between each county Emergency Operations Center and all other emergency response facilities.

3. Direction and Control

- a. Demonstrate support from responsible elected or appointed local officials regarding plan familiarity, conduct of operations, and decision-making.
- b. Demonstrate the ability of each County Judge to maintain command control over all emergency response activities conducted from his county's Emergency Operations Center throughout the exercise.
- c. Demonstrate the ability to gather, assess and disseminate information regarding the status of the emergency conditions and the status of emergency response activities in a timely manner.
- d. Demonstrate the ability to effectively call upon and utilize outside support agencies when local capabilities are exceeded.
- e. Demonstrate the ability of each county emergency response organization to execute its Emergency Operations Plan to protect the general public within its jurisdiction.

4. Protective Response

- a. Demonstrate that decisions can be made by each local jurisdiction regarding protective action measures for the general public within the Plume Exposure EPZ.
- b. Demonstrate that each local jurisdiction can formulate and execute measures to protect the general public within the Plume Exposure EPZ.
- c. Demonstrate the ability to alert the general public within the Plume Exposure EPZ in a timely manner utilizing the Outdoor Warning System (sirens).
- d. Demonstrate the ability to prepare and transmit messages to be broadcast over the Emergency Broadcast System (EBS).
- e. Demonstrate the decision-making processes of local jurisdictions to provide control of access to restricted offsite areas and effectively perform a coordinated evacuation of the general public.
- f. Demonstrate that each local jurisdiction can coordinate the implementation of protective action measures for the general public within the Plume Exposure EPZ with the appropriate State agencies.
- g. Demonstrate the ability to establish a shelter operation to receive, monitor and process evacuees.

5. Public Information

- a. Demonstrate that each county emergency response organization can coordinate all information releases to the news media and the general public with those of the State and TUGCO.

6. Reentry and Recovery

- a. Demonstrate the ability of the local jurisdictions to identify and discuss all reentry and recovery activities based upon the current or projected conditions in the affected offsite areas, and methods for de-escalating the general public's response to the emergency condition.

D. FOR ALL PARTICIPATING EMERGENCY RESPONSE ORGANIZATIONS:

1. Demonstrate the ability of each emergency response organization to integrate its activities with those of the other participating emergency response organizations.
2. Demonstrate the ability to conduct post-exercise critiques to determine any areas requiring additional capability improvements.