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**TU**ELECTRIC

April 29, 1993

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Attention: Document Control Desk  
Washington, DC 20555

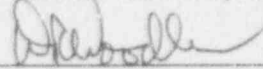
SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION (CPSES)  
DOCKET NOS. 50-445 AND 50-446  
OBJECTIVES AND GUIDELINES FOR THE 1993  
EMERGENCY PREPAREDNESS EXERCISE

Gentlemen:

Enclosed for your review are the objectives and guidelines (extent of play notes) for the CPSES Emergency Preparedness Exercise. The present schedule for this exercise is the week of July 26, 1993.

Sincerely,

William J. Cahill, Jr.

By:   
D. R. Woodlan  
Docket Licensing Manager

CLW/grp  
Enclosure

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Enclosure to TXX-93198

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COMANCHE PEAK STEAM ELECTRIC STATION

1993 FIELD EXERCISE

OBJECTIVES AND EXTENT OF PLAY NOTES

- 2.1 Onsite Objectives and Notes  
(6 pages - Rev. 0)
- 2.2 Offsite Objectives and Notes  
(7 pages - Rev. 0)

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COMANCHE PEAK STEAM ELECTRIC STATION

1993 FIELD EXERCISE

2.1 ONSITE OBJECTIVES

1993 FIELD EXERCISE  
ONSITE OBJECTIVES

OBJECTIVE		FACILITY
1.	Demonstrate the ability of the emergency organization to assess plant conditions and make appropriate emergency classification.	1,2,3
2.	Demonstrate the ability to notify and update federal, state, and local authorities.	1,2,3
3.	Demonstrate the ability to alert, notify, and update onsite personnel.	1,2,3
4.	Demonstrate the ability to initially staff and activate the Emergency Response Facilities.	ALL
5.	Demonstrate the adequacy of procedures, equipment, displays, security provisions, and habitability precautions for the Emergency Response Facilities.	ALL
6.	Demonstrate the ability to direct, coordinate, and control emergency activities.	ALL (1,2,3)
7.	Demonstrate the ability to transfer command and control of the emergency response.	1,2,3
8.	Demonstrate the adequacy of communication procedures and equipment for emergency response activities.	ALL
9.	Demonstrate the ability to coordinate the formation and dissemination of accurate information and instructions to the public through news releases.	6
10.	Demonstrate the ability to establish and operate rumor control.	6
11.	Demonstrate the ability to monitor, assess and correlate onsite radiological conditions.	1,2,4
12.	Demonstrate the ability of the Engineering Team to assess plant conditions.	2,3
13.	Demonstrate the ability to perform dose projections.	1,2,3
14.	Demonstrate the ability to make protective action recommendations.	1,2,3

	OBJECTIVE	FACILITY
15.	Demonstrate the ability to monitor and control emergency worker exposure.	ALL
16.	Demonstrate the ability to provide onsite contamination control.	4
17.	Demonstrate the ability to notify and provide instructions to the public within the plume exposure pathway.	6
18.	Demonstrate the ability of Offsite Radiological Monitoring Teams to collect and report field data.	3,4
19.	Demonstrate the ability to analyze and evaluate environmental samples and surveys.	3,4
20.	Demonstrate the ability to provide initial and continuous accountability for all personnel within the Protected Area.	2,4
21.	Demonstrate the ability to coordinate the evacuation of onsite personnel.	2,4
22.	Demonstrate the ability to respond to and treat a contaminated injured individual.	4
23.	Demonstrate the ability to transport contaminated injured individuals from CPSES to the hospital.	4
24.	Demonstrate the adequacy of facilities, equipment, supplies, and personnel for decontamination of emergency workers, equipment, and vehicles.	3,4
25.	Demonstrate the ability to respond to an onsite fire.	1,4
26.	Demonstrate the ability to make the decision to recommend the use of KI to emergency workers, as well as to distribute and administer KI once the decision is made.	3,4
27.	Demonstrate the ability to implement measures for controlled reentry and recovery.	3
28.	Demonstrate the ability to collect, sample, and analyze a post-accident sample.	NOT PERFORMED
29.	Demonstrate the ability to perform a shift change in each of the Emergency Response Facilities.	NOT PERFORMED

OBJECTIVE	FACILITY
30. Demonstrate the ability to identify the need for and call upon Federal and other outside support agencies for assistance.	2,3

1993 DRESS REHEARSAL  
ONSITE EXTENT OF PLAY

- A. The locations where various objectives will be demonstrated are indicated by numerical codes as shown in the table below:

CODE	FACILITY
1	CONTROL ROOM SIMULATOR (CR)
2	TECHNICAL SUPPORT CENTER (TSC)
3	EMERGENCY OPERATIONS FACILITY (EOF)
4	OPERATIONS SUPPORT CENTER (OSC)
5	LOGISTICAL SUPPORT CENTER (LSC)
6	NEWS CENTER (NC)
7	ONSITE/OFFSITE SURVEY TEAMS

- B. Objective 2, Notifications will be in accordance with EPP-203 and the Communications Workbook. Roleplayers will be used for the ENS Line, HPN Line, and calls to the EPA.
- C. Objective 4, NOSF Training Simulator will be used instead of the actual Control Room. Operational personnel will be pre-positioned in the Simulator at the start of the exercise. Additional personnel who staff the Control Room will report to the Simulator.
- D. Objective 4, Personnel not selected to staff their facility should report to the LSC, sign in on the Manpower Availability Roster, and then return to work.
- E. Objective 6, Command and Control will be demonstrated by the CR, TSC, and EOF only. All other facilities will only demonstrate direction and coordination capabilities.
- F. Objectives 18 + 19, location of demonstration is dependent upon which facility initiates control of the Offsite Survey Teams.
- G. Objective 18, use of protective clothing and respirators will be simulated by offsite teams.
- H. Objective 20, Control Room (Simulator) will not demonstrate this objective due to location of the Simulator.
- I. Objective 20, Security will run an Accountability Report; however, actual followup to reconcile missing personnel will not be performed.

- J. Objective 21, evacuation and early dismissal of onsite personnel will not be demonstrated. If ordered, early dismissal and/or site evacuation will be performed as follows:
- \* an announcement will be made stating that an evacuation would normally be conducted, but no actual evacuation will be performed.
  - \* the evacuation alarm will be sounded.
  - \* Security and Radiation Protection should be stationed at appropriate monitoring locations.
- K. Objective 26, the decision to implement KI protective measures will be demonstrated out of sequence in the EOF. Issue of KI will then be demonstrated out of sequence in the OSC only.
- L. Objective 27, all actions for the reentry and recovery of this accident will be discussed during a tabletop session in the EOF subsequent to the termination of the exercise.
- M. Objective 28, if requested, Chemistry will perform a PASS, appropriate data will be provided by the scenario.
- N. Objective 29, although shift change will not be demonstrated during this exercise, facilities will be requested to formulate a shift relief schedule.
- O. Objective 30, this will be demonstrated as required by the scenario.



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COMANCHE PEAK STEAM ELECTRIC STATION

1993 FIELD EXERCISE

2.2 OFFSITE OBJECTIVES

1993 FIELD EXERCISE  
OFFSITE OBJECTIVES

	OBJECTIVE	JURISDICTION	FACILITY
1.	Demonstrate the capability to alert and fully mobilize personnel for both emergency facilities and field operations. Demonstrate the capability to activate and staff emergency facilities for emergency operations.	STATE, LOCAL	1,2,3,4,5,6,7 ,8,9,10,11,12 ,13,14
2.	Demonstrate the adequacy of facilities, equipment, displays, and other materials to support emergency operations.	STATE, LOCAL	1,2,3,4,7,10, 12
3.	Demonstrate the capability to direct and control emergency operations.	STATE, LOCAL	1,2,3,4,7,12
4.	Demonstrate the capability to communicate with all appropriate emergency personnel at facilities and in the field.	STATE, LOCAL	1,2,3,4,5,6,7 ,8,9,10,11,12 ,13,14
5.	Demonstrate the capability to continuously monitor and control radiation exposure to emergency workers.	STATE, LOCAL	1,2*,5,6,7,8, 9,11,12,13, 14
6.	Demonstrate the appropriate use of equipment and procedures for determining field radiation measurements.	STATE	6
7.	Demonstrate the capability to develop dose projections and protective action recommendations regarding evacuation and sheltering.	STATE	7
8.	Demonstrate the appropriate use of equipment and procedures for the measurement of airborne radioiodine concentrations as low as $10^{-7}$ (0.0000001) microcuries per cubic centimeter in the presence of noble gases and obtain samples of particulate activity in the airborne plume.	STATE	6,11
9.	Demonstrate the capability to make timely and appropriate protective action decisions (PAD).	STATE, LOCAL	1,2,7

\* indicates an outstanding issue (ARCA).

	OBJECTIVE	JURISDICTION	FACILITY
10.	Demonstrate the capability to promptly alert and notify the public within the 10-mile plume pathway emergency planning zone (EPZ) and disseminate instructional messages to the public on the basis of decisions by appropriate State and local officials.	LOCAL	1,2
11.	Demonstrate the capability to coordinate the formulation and dissemination of accurate information and instructions to the public.	STATE, LOCAL	1,2
12.	Demonstrate the capability to coordinate the development and dissemination of clear, accurate, and timely information to the news media.	STATE, LOCAL	10
13.	Demonstrate the capability to establish and operate rumor control in a coordinated and timely manner.	STATE, LOCAL	10
14.	Demonstrate the capability and resources to implement potassium iodide (KI) protective actions for emergency workers, institutionalized individuals, and, if the State plan specifies, the general public.	STATE, LOCAL	1,2,6,7,12,13
15.	Demonstrate the capability and resources necessary to implement appropriate protective actions for special populations.	LOCAL	1,2
16.	Demonstrate the capability and resources necessary to implement protective actions for school children within the plume pathway emergency planning zone (EPZ).	STATE, LOCAL	none
17.	Demonstrate the organizational capability and resources necessary to control evacuation traffic flow and to control access to evacuated and sheltered areas.	LOCAL	1,2*,15
18.	Demonstrate the adequacy of procedures, facilities, equipment, and personnel for the radiological monitoring, decontamination, and registration of evacuees.	STATE, LOCAL	5*

"\*" indicates an outstanding issue (ARCA).

	OBJECTIVE	JURISDICTION	FACILITY
19.	Demonstrate the adequacy of facilities, equipment, supplies, personnel, and procedures for congregate care of evacuees.	LOCAL	none
20.	Demonstrate the adequacy of vehicles, equipment, procedures, and personnel for transporting contaminated, injured, or exposed individuals.	LOCAL	9
21.	Demonstrate the adequacy of the equipment, procedures, supplies, and personnel of the medical facilities responsible for the treatment of contaminate, injured, or exposed personnel.	LOCAL	8, 14
22.	Demonstrate the adequacy of the procedures for the monitoring and decontamination of emergency workers, equipment, and vehicles.	LOCAL	5
23.	Demonstrate the capability to identify the need for external assistance and to request such assistance from Federal or other support organizations.	STATE, LOCAL	none
24.	Demonstrate the use of equipment and procedures for the collection and transportation of samples from areas that received deposition from the airborne plume.	STATE	none
25.	Demonstrate laboratory operations and procedures for measuring and analyzing samples.	STATE	11
26.	Demonstrate the capability to project dose to the public for the ingestion pathway and to recommend protective actions.	STATE	none
27.	Demonstrate the capability to implement protective actions for ingestion exposure pathway.	STATE, LOCAL	none
28.	Demonstrate the capability to develop decisions on relocation, re-entry, and return.	STATE, LOCAL	none

"\*" indicates an outstanding issue (ARCA).

	OBJECTIVE	JURISDICTION	FACILITY
29.	Demonstrate the capability to implement relocation, re-entry, and return.	STATE, LOCAL	none
30.	Demonstrate the capability to maintain staffing on a continuous, 24-hour basis through an actual shift change.	STATE, LOCAL	none
31.	Demonstrate the capability to provide offsite support for the evacuation of onsite personnel.	LOCAL	none
32.	Demonstrate the capability to carry out emergency response functions in an unannounced exercise or drill.	STATE, LOCAL	none
33.	Demonstrate the capability to carry out emergency functions during an off-hours exercise or drill.	STATE, LOCAL	none
34.	Demonstrate the capability of licensee offsite response organization [licensee (ORO)] personnel to interface with non-participating organizations and accomplish coordination essential for emergency response.	Not Applicable	Not Applicable

"\*" indicates an outstanding issue (ARCA).

1993 FIELD EXERCISE  
EXTENT OF PLAY  
NOTES

- A. The locations where various objectives will be demonstrated are indicated by numerical codes as shown in the table below:

CODE	TEAM ELEMENT OR FACILITY NAME	LOCATION
1.	SOMERVELL COUNTY EOC	GLENROSE
2.	HOOD COUNTY EOC	GRANBURY
3.	TEXAS STATE EOC	AUSTIN
4.	DISASTER DISTRICT EOC	WACO
5.	RELOCATION CENTER	CLEBURNE
6.	STATE FIELD TEAMS	10 MILE EPZ
7.	BRC	CPSES EOF
8.	WALLS REGIONAL HOSPITAL	CLEBURNE
9.	HOOD GENERAL HOSPITAL	GRANBURY
10.	NEWS CENTER	CPSES NOSF
11.	BRC MOBILE LAB	GRANBURY
12.	BRC STAGING AREA	GRANBURY
12.	STATE CONTAMINATION CONTROL TEAMS	10 MILE EPZ

- B. Ingestion pathway activities will not be demonstrated during this exercise.
- C. Objective 1, the State EOC in Austin will be activated with minimum staffing only. This EOC will only provide exercise coordination as required.
- D. Objective 1, mobilization and activation of personnel will be performed in accordance with approved plans and procedures with the exception of State personnel. Due to scenario time constraints, these personnel will be prepositioned in the local area (Granbury or Glenrose), and actual deployment times will not be demonstrated.
- E. Objective 9, the BRC will advise/recommend protective actions to local officials.
- F. Objective 10, sounding of the Alert and Notification sirens and broadcasting of any required EBS messages will be simulated by the appropriate local EOCs.

- G. Objective 12, interaction with the media during exercise of the News Center will be simulated with roleplayers acting as media representatives.
- H. Objective 13, Rumor Control at locations 1-4 will only be exercised as it relates to the overall coordination process with the Joint Information Center (JIC). This agency will not be demonstrated as a separate or primary function since the JIC at the facility has primary responsibility for this function.
- I. Objective 15, contact with special populations will be simulated by contact with a control cell.
- J. Objective 17, two (2) traffic and access control points will be setup at preselected off road locations for exercise purposes. Both points will be manned and operated consistent with scenario requirements.
- K. Objective 18 and 19, exercise play at the Cleburne Relocation Center will be of limited scope. Only those areas necessary to demonstrate contamination control and radiological monitoring at the decontamination area will be exercised.
- L. Objective 22, decontamination activities will be simulated by conducting a walk-through of the facility.