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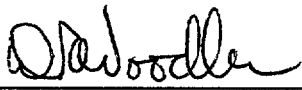
SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION (CPSES)  
DOCKET NOS. 50-445 AND 50-446  
OBJECTIVES AND GUIDELINES FOR THE 2001  
EMERGENCY PREPAREDNESS EXERCISE

Gentlemen:

Attached 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 August 22, 2001.

Sincerely,

C. L. Terry

By:   
D. R. Woodlan  
Docket Licensing Manager

CLW/clw  
Attachment

c - Mr. E. W. Merschoff, Region IV  
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Mr. P. Elkmann, Region IV  
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CPSES 200101265  
Attachment to TXX-01097

TXU ELECTRIC  
COMANCHE PEAK STEAM ELECTRIC STATION  
2001 FIELD EXERCISE  
ONSITE OBJECTIVES  
AND  
GUIDELINES AND EXTENT OF PLAY NOTES

# **TXU - CPSES 2001 GRADED EXERCISE**

## **ONSITE OBJECTIVES**

The locations where objectives are anticipated to be demonstrated are indicated by abbreviations as shown below. Actual player response, to conditions existing at the time of the exercise, may result in an objective being demonstrated in another facility.

Some objectives (designated NFD) are not intended to be fully demonstrated by this scenario. The portions of these objectives demonstrated by the players will be graded by the facility evaluators, but credit for objective demonstration is not intended.

### **FACILITY**

CONTROL ROOM	(CR)
TECHNICAL SUPPORT CENTER	(TSC)
EMERGENCY OPERATIONS FACILITY	(EOF)
OPERATIONS SUPPORT CENTER	(OSC)
NEWS CENTER	(NC)
Not fully demonstrated	(NFD)

<b><u>OBJECTIVE</u></b>	<b><u>FACILITY</u></b>
1. Demonstrate the ability of the emergency organization to assess plant conditions and make appropriate emergency classification.	CR, TSC
2. Demonstrate the ability to notify and update federal, state, and local authorities.	CR, TSC, EOF
3. Demonstrate the ability to alert, notify, and update onsite personnel.	CR, TSC, EOF
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
7. Demonstrate the ability to transfer command and control of the emergency response.	CR, TSC, EOF
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.	NC
10. Demonstrate the ability to establish and operate rumor control.	NC
11. Demonstrate the ability to monitor, assess and correlate onsite radiological conditions.	CR, TSC, OSC
12. Demonstrate the ability of the Engineering Team to assess plant conditions.	TSC
13. Demonstrate the ability to perform dose projections.	EOF

<b>OBJECTIVE</b>		<b>FACILITY</b>
14.	Demonstrate the ability to make protective action recommendations.	EOF
15.	Demonstrate the ability to monitor and control emergency worker exposure.	ALL
16.	Demonstrate the ability to provide onsite contamination control.	OSC
17.	Demonstrate the ability of Offsite Radiological Monitoring Teams to collect and report field data.	EOF
18.	Demonstrate the ability to collect and evaluate environmental samples and surveys.	NFD
19.	Demonstrate the ability to provide initial and continuous accountability for all personnel within the Protected Area.	NFD
20.	Demonstrate the ability to coordinate the evacuation of onsite personnel.	NFD
21.	Demonstrate the ability to respond to and treat a contaminated injured individual.	NFD
22.	Demonstrate the ability to transport contaminated injured individuals from CPSES to the hospital.	NFD
23.	Demonstrate the adequacy of facilities, equipment, supplies, and personnel for decontamination of emergency workers, equipment, and vehicles.	NFD
24.	Demonstrate the ability to respond to an onsite fire.	NFD
25.	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.	NFD
26.	Demonstrate the ability to implement measures for controlled reentry and recovery.	NFD

	<b>OBJECTIVE</b>	<b>FACILITY</b>
27.	Demonstrate the ability to collect, sample, and analyze a post-accident sample.	NFD
28.	Demonstrate the ability to perform a shift change in each of the Emergency Response Facilities.	NFD
29.	Demonstrate the ability to identify the need for and call upon Federal and other outside support agencies for assistance.	EOF
30.	Demonstrate the ability to staff and activate alternate Emergency Operations Facility.	NFD
31.	Demonstrate the ability to staff and activate alternate News Center.	NFD

## GUIDELINES AND EXTENT OF PLAY NOTES

### GENERAL GUIDELINES

The following guidelines have been developed to instruct exercise controllers on the conduct necessary to fulfill the exercise objectives. Where no instructions are provided for a particular objective, actions that would be taken for a real emergency should be taken for the exercise. The intent of the exercise is to demonstrate actual emergency response capabilities as realistically as possible.

1. The exercise controller organization will control all phases of the exercise by passing messages to the participants, either per the timeline or in response to the actions of the participants.
2. The controller and the evaluator organizations are at the direction of the Exercise Lead Controller. Additionally, a Lead Facility Controller will be assigned to each Emergency Response Facility.
3. A controller will be assigned to each location or event where an emergency response is to be demonstrated.
4. The Control Room activities will be conducted in the NOSF Simulator.
  - a. Plant Computer System (SPDS) and PC-11 data in the simulator, OSC, TSC, and EOF will be driven by the simulator.
  - b. At the direction of the Lead Exercise Controller, if the Simulator fails and cannot be returned to service, the exercise may be continued for the other facilities by the CR staff and controllers acting as roleplayers and presenting simulated plant data by means of the established communication channels.
  - c. "All-page" announcements, requiring plant-wide alarms to be sounded, will be coordinated with the actual Control Room as follows:
    - initiating facility will develop the message to be announced, then
    - contact the real Control Room who will actually make the announcement and sound the alarm.
5. The controllers should allow free-play. However, free-play will be stopped under the following conditions:
  - a. if the action taken would prevent an exercise objective from being met or is outside the scope of the exercise.
  - b. if the actions are judged to be unsafe or leading to violations of laws.
  - c. if the actions would degrade systems or equipment, or degrade response to a real emergency.
6. All communications and messages will begin and end with the statement "This is a drill".

## **GENERAL GUIDELINES (cont.)**

7. This exercise will be graded by the NRC and FEMA. Controller/evaluators SHALL NOT coach or correct players during the course of the exercise. Mistakes or areas of improvement should be noted, with feedback given to the players at the critique following the exercise.
8. The 15-minute clock for making local emergency notifications is satisfied when the communicator begins reading the contents of the Emergency Notification Message Form to DPS Waco and Somervell and Hood counties.
9. Participants shall comply with the instructions from the controller organization. If a conflict exists between scenario data and actual data, inform the Facility Lead Controller and wait for further instructions.
10. Controller/evaluators/roleplayers will be identified by wearing either an arm band, special badge, or vest.
11. This exercise is not intended to demonstrate entry into, or use of, the CPSES Severe Accident Management Guidelines (SAMGs).

## **SAFETY**

1. Each controller and evaluator is responsible to ensure that the exercise is conducted in a safe manner.
2. If a controller or evaluator observes an unsafe exercise activity, stop the activity and notify Exercise Lead Controller.
3. If an actual emergency occurs, the exercise may be terminated at the discretion of the on-shift Shift Manager or the Exercise Lead Controller. All communications concerning an actual emergency will begin and end with "This is not, repeat, not a drill."



## ACTIVITIES TO BE SIMULATED (EXTENT OF PLAY)

The following is a list of activities that will be simulated during the exercise. NO OTHER ACTIVITIES WILL BE SIMULATED UNLESS APPROVED BY THE EXERCISE LEAD CONTROLLER.

1. The actions of the Control Room crew will be conducted in the NOSF Simulator. Operations personnel will be pre-positioned in the Simulator when the exercise starts. Additional personnel who report to the Control Room during emergencies will report to the Simulator.
2. No activities involving actual plant systems, either manipulation or modification, are allowed by exercise personnel without explicit permission of the on-duty Shift Manager in the real Control Room.
3. Utility personnel that are not onsite at the time of the exercise will not be notified at home.
4. Pager activation will use the normal equipment and procedures, but a "drill only" code will be transmitted.
5. Site evacuation will be simulated. Once the decision to evacuate has been made, a pre-formatted message to simulate the evacuation will be handed to the players. Security should setup roadblock equipment, but traffic will NOT actually be impeded.
6. Accountability will be simulated as follows:
  - a. Facility accountability will be performed in the TSC and OSC only.
  - b. Security sweeps will be conducted by dispatching Officers, but "bullhorn" announcements will NOT be made.
  - c. Security will be required to print a Security Accountability Report. At this point, a Security controller will interject a simulated report and it will be transmitted IAW Security procedures.
7. Emergency repairs or modifications to plant equipment (e.g., temp. cooling of ECCS pumps, breaker replacement, etc) will be simulated. However, all tools, equipment, and procedures required to complete the repairs should be obtained. Every effort should be made by the applicable controller to ensure that needed materials are onhand and are adequate to perform the assigned task.
8. Protective clothing, or other potentially contaminated materials, will not be used outside the Radiologically Controlled Area (RCA) for the purposes of the exercise. Any use of protective clothing, by either onsite or offsite personnel, which is outside of the RCA will be simulated.

## **ACTIVITIES TO BE SIMULATED (EXTENT OF PLAY) continued**

9. If an air purifying or SCBA respirator is dictated for any team (e.g., Fire Brigade, RP, etc); the respirators will be issued, verified operational, seal checked, and then the facepiece removed. If SCBAs are simulated being used, the controllers should simulate the consumption of air, requiring bottle changeout as appropriate.
10. ERDS will be activated from the TSC, however, the activation may be unsuccessful since the NRC Response Center is not participating in the exercise. No further action is required by the exercise players.
11. Fire Brigade should lay out hoses and other suppression equipment, however, actual water flow and/or suppression system operation will be simulated.
12. Roleplayers and/or recordings will be used for:
  - \* Grid Dispatcher
  - \* National Weather Service
  - \* ENS line
  - \* HPN line
  - \* Phone Bank
  - \* Reporters
  - \* Unit 2 Control Room
  - \* any injured persons
  - \* Squaw Creek Park staff
13. Once sufficient personnel have responded to staff the facility, a list of designated players may be given to each facility manager to ensure the designated players are chosen to remain.