



Nebraska Public Power District

GENERAL OFFICE
P.O. BOX 499, COLUMBUS, NEBRASKA 68602-0499
TELEPHONE (402) 564-8561

NLS9000169
April 25, 1990

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555

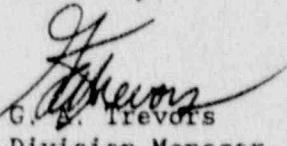
Subject: Cooper Nuclear Station Emergency Preparedness Exercise Objectives

Gentlemen:

The Nebraska Public Power District is hereby submitting the Objectives for the 1990 Emergency Preparedness Exercise. Following your review, please submit your NRC comments concerning the exercise objectives to my office by Thursday, May 10, 1990.

Should you have any questions or comments regarding the enclosed information, please contact me.

Sincerely,


G. W. Trevors
Division Manager
Nuclear Support

GAT:KMK:rg
Attachment

cc: D. B. Spitzberg (USNRC) w/att.

9005010144 900425
PDR ADICK 05000298
F PDC

A045
11

SECTION 2.0

SCOPE AND OBJECTIVES

2.0 SCOPE AND OBJECTIVES

2.1 SCOPE

The Cooper Nuclear Station (CNS) 1990 Emergency Exercise Program will test and provide the opportunity to evaluate Nebraska Public Power District's (NPPD) emergency plan and procedures. It will also test the emergency response organization's ability to assess and respond to emergency conditions and co-ordinate efforts with other agencies for protection of the health and safety of the public.

The scenario will depict a simulated sequence of events, resulting in sufficiently degraded conditions to warrant the mobilization of the NPPD emergency response organization. The Exercise will have full participation by the NPPD emergency response organization. Whenever practical, the exercise will incorporate provisions for "free play" on the part of the participants.

2.2 ONSITE OBJECTIVES

The Cooper Nuclear Station (CNS) 1990 Emergency Preparedness Exercise Program objectives are based on the Nuclear Regulatory Commission (NRC) requirements delineated in 10CFR50.47 and 10CFR50 Appendix E. Additional guidance provided in NUREG-0654, and FEMA-REP-1 revision 1, NUREG-0696, and NUREG-0737 supplement 1 was also utilized in developing these objectives.

The major objective of the exercise is to evaluate the integrated capability of a major portion of the basic elements existing within the onsite and offsite emergency plans and participating emergency response organizations. The specific objectives of the exercise to be demonstrated are listed below.

CONTROL ROOM

1. Demonstrate facility management and control as evidenced by close coordination with staff and supporting Emergency Response Facilities.
2. Demonstrate analysis of plant conditions and corrective actions, by proper and timely use of appropriate procedures.
3. Demonstrate detection and classification of emergency events by proper use of EPIP 5.7.1, "Emergency Classification".
4. Demonstrate the ability to make protective action recommendations to offsite authorities using the EPA Protective Action Guides (PAGs) as guidance or plant conditions, by proper use of Protective Action Recommendations on notification forms.
5. Demonstrate the initial notification of Federal, State, local, corporate, and plant emergency personnel, according to procedure.
6. Demonstrate providing plant status updates to offsite authorities, until relieved by the TSC or the EOF.
7. Demonstrate the ability to implement protective actions.
8. Demonstrate the mechanism for recommending protective actions to the appropriate State and Local authorities as per EPIP 5.7.6, if required.

TECHNICAL SUPPORT CENTER (TSC)

1. Demonstrate activation of the Technical Support Center (TSC) within 60 minutes of the declaration of an Alert or higher classification.
2. Demonstrate facility management and control as evidenced by close coordination with staff and supporting Emergency Response Facilities.
3. Demonstrate accident assessment and classification as evidenced by multi-discipline input to classification process.
4. Demonstrate the ability to perform dose assessment, if applicable.
5. Demonstrate the ability to make protective action recommendations to offsite authorities using the EPA Protective Action Guides (PAGs) as guidance or plant conditions, by proper use of Protective Action Recommendations on notification forms.
6. Demonstrate providing plant status updates to offsite authorities, beginning after facility activation, until relieved by the EOF.
7. Demonstrate the ability to implement protective actions for on-site personnel.
8. Demonstrate assistance and support to the control room.
9. Demonstrate dispatch and coordination of monitoring teams, repair teams, and/or rescue teams.
10. Demonstrate the mechanism for recommending protective actions to the appropriate State and Local authorities as per EPIP 5.7.6, if required.
11. Demonstrate dose tracking and exposure control capability for emergency workers.

EMERGENCY OPERATIONS FACILITY (EOF)

1. Demonstrate activation of the Emergency Operations Facility (EOF) within 60 minutes of the declaration of a Site Area Emergency.
2. Demonstrate facility management and control as evidenced by close coordination with staff and supporting Emergency Response Facilities.
3. Demonstrate accident assessment and classification.
4. Demonstrate the ability to perform dose assessment, if applicable.
5. Demonstrate the ability to make protective action recommendations to offsite authorities using the EPA Protective Action Guides (PAGs) as guidance or plant conditions, by proper use of Protective Action Recommendations on notification forms.
6. Demonstrate providing plant status updates to offsite authorities, beginning after facility activation, until the recovery panel is convened.
7. Demonstrate the ability to implement protective actions for field teams, if necessary.
8. Demonstrate the ability to coordinate the emergency response resources of NPPD with State, and local organizations.
9. Demonstrate coordination of responsibilities and decision-making with offsite agencies in de-escalation or termination of the emergency.
10. Demonstrate coordination of responsibilities and decision making with offsite agencies in planning reentry to evacuated areas.
11. Demonstrate the mechanism for recommending protective actions to the appropriate State and Local authorities as per EPIP 5.7.6, if required.

OPERATIONS SUPPORT CENTERS (OSC)

1. Demonstrate activation of the Operations Support Center (OSC) within 60 minutes of the declaration of an Alert.
2. Demonstrate facility management and control as evidenced by coordination of staff and interface with the Technical Support Center.
3. Demonstrate performance of support functions.

GENERAL OFFICE EMERGENCY CENTER (GOEC)

1. Demonstrate notification of NPPD GOEC personnel as per CNEP 2.0.
2. Demonstrate the set-up of NPPD GOEC, equipment and materials.
3. Demonstrate the ability to establish voice communications with the EOF.
4. Demonstrate ability to declare the NPPD GOEC operational within approximately 60 minutes of notifications to GOEC personnel.
5. Demonstrate the capability at the NPPD GOEC to obtain current and accurate information.
6. Demonstrate the ability to maintain status boards and logs in the NPPD GOEC.
7. Demonstrate the capability at the NPPD GOEC to coordinate and assemble emergency information for dissemination to the media and/or the public.
8. Demonstrate the capability at the NPPD GOEC to respond directly to questions from the media and/or public concerning the real and rumored events of an emergency at CNS.
9. Demonstrate the capability at the NPPD GOEC to disseminate accurate information concerning a CNS emergency to NPPD employees. This to be accomplished by providing information to Gerald Gentleman Station, Sheldon Station, Hastings Dispatch Center and the Regional Dispatch Centers.
10. Demonstrate the capability at the NPPD GOEC to identify rumors and correct false information concerning an emergency at CNS.
11. Demonstrate follow-up notifications of non-NPPD support agencies (i.e. Iowa Light & Power, Iowa Disaster Services, Kansas Division of Emergency Preparedness).
12. Demonstrate the capability to coordinate and plan Recovery operations with MRC and CNS ERF personnel.

OFFSITE MONITORING TEAMS

1. Mobilize the offsite radiological monitoring teams within 30 minutes of activation of the EOF.
2. Demonstrate the appropriate use of instrumentation, procedures, and communications by the radiological monitoring teams.
3. Demonstrate the collection and labeling of potentially radioactively contaminated sample media by the radiological monitoring teams.

CORRECTIVE ACTION/RESCUE TEAMS

1. Demonstrate adequate performance of in-plant repair teams.
2. Demonstrate adequate instrumentation and procedures to monitor for contamination of emergency workers and equipment.

SECURITY/ACCOUNTABILITY

1. Demonstrate the ability to perform site assembly and accountability within about 30 minutes after the announcement for assembly and accountability has been made. (Personnel will return to work.)
2. Demonstrate maintenance of accountability.

MEDIA RELEASE CENTER (MRC)

1. Demonstrate notification of NPPD MRC personnel as per CNEP 2.0.
2. Demonstrate the set-up of NPPD MRC work areas, equipment and materials.
3. Demonstrate the set-up of "Media Briefing" area and equipment at the NPPD MRC (Board of Equalization Chamber of LC level will be utilized for briefings).
4. Demonstrate the ability to establish voice communications with the EOF.
5. Demonstrate the capability to register NPPD, State, Federal, Media, and other personnel at the NPPD MRC.
6. Demonstrate the ability to declare the NPPD MRC operational within approximately 3 hours of initiating activation.
7. Demonstrate the capability to provide CNS/NPPD background information to the Media at the NPPD MRC.
8. Demonstrate the capability to coordinate and assemble current and accurate emergency information at the NPPD MRC.
9. Demonstrate the ability to maintain status boards and logs at the NPPD MRC.
10. Demonstrate the capability at the NPPD MRC to disseminate emergency information to the media and/or public (briefings, written statements, etc).
11. Demonstrate the capability at the NPPD MRC to respond to inquiries of both a technical and political nature during "media briefings".
12. Demonstrate the capability at the NPPD MRC of Public Assistance Hotline personnel to respond to inquiries from the public and/or media concerning real or rumored events of an emergency at CNS.
13. Demonstrate the capability at the NPPD MRC to identify rumors and correct false information concerning an emergency at CNS.
14. Demonstrate the capability to coordinate and plan Recovery operations with GOEC and CNS ERF personnel.

RE-ENTRY/RECOVERY

1. Demonstrate the ability to plan recovery operations and identify need for additional resources.

OBJECTIVES NOT RELATED TO A SPECIFIC ERF

1. Demonstrate the ability to develop a 24-hour emergency response roster for key positions.
2. Demonstrate the capability to warn all personnel within the Owner Controlled Area.

CRITIQUE

1. Demonstrate the ability to self critique in order to identify weak or deficient areas that need correction.