



Nebraska Public Power District

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April 23, 1991

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

Subject: 1991 Cooper Nuclear Station Emergency Preparedness
Exercise Objectives

Gentlemen:

The Nebraska Public Power District is hereby submitting the Objectives for the 1991 Emergency Preparedness Exercise scheduled for July 24-25, 1991. Following your review, it is requested that any comments you may have concerning the exercise objectives be submitted to my office by Friday, May 10, 1991.

Please contact me if you should have any questions or need additional information.

Sincerely,

G. R. Horn
Nuclear Power Group Manager

GRH:KMK:rg
Enclosure

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

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SCOPE AND OBJECTIVES

SCOPE

The Cooper Nuclear Station (CNS) 1991 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 coordinate 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, as well as participation of NRC Region IV and NRC Headquarters staffs. Additionally, the states of Missouri, Nebraska, and Iowa will be participating in a two day ingestion pathway exercise. Whenever practical, the exercise will incorporate provisions for "free play" on the part of the participants.

ONSITE OBJECTIVES

The Cooper Nuclear Station (CNS) 1991 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 specific objectives of the exercise to be demonstrated are listed below.

CONTROL ROOM

1. Demonstrate facility management and control as evidenced by close coordination between Control Room 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) or plant conditions as guidance, 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.

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 between TSC 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) or plant conditions as guidance, 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 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 between EOF 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) or plant conditions as guidance, 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.

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 activation of General Office Emergency Center (GOEC) within approximately 60 minutes of notifications to GOEC personnel.
2. Demonstrate the capability at the GOEC to obtain current and accurate information pertaining to an emergency at CNS.
3. Demonstrate the capability at the GOEC to coordinate and assemble emergency information for dissemination to the media and/or the public.
4. Demonstrate the capability at the GOEC to respond directly to questions from the media and/or public concerning the real and rumored events of an emergency at CNS.
5. Demonstrate the capability at the GOEC to disseminate accurate information concerning a CNS emergency to NPPD employees.
6. Demonstrate the capability at the GOEC to identify rumors and correct false information concerning an emergency at CNS.
7. 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 the use of adequate instrumentation and procedures to monitor for radiation and 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 the ability to declare the Media Release Center (MRC) operational within approximately 3 hours of initiating activation.
2. Demonstrate the capability to register NPPD, State, Federal, Media, and other personnel at the NPPD MRC.
3. Demonstrate the capability to provide CNS/NPPD background information to the Media at the MRC.
4. Demonstrate the capability to coordinate and assemble current and accurate emergency information at the MRC.
5. Demonstrate the capability at the MRC to disseminate emergency information to the media and/or public (briefings, written statements, etc).
6. Demonstrate the capability at the MRC to respond to inquiries of both a technical and political nature during "media briefings".
7. Demonstrate the capability at the 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.
8. 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 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.