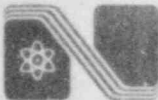
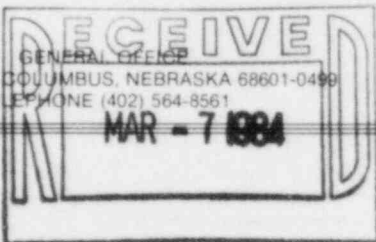


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Nebraska Public Power District

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March 2, 1984
NLS8400079

Mr. John T. Collins
Regional Administrator
U.S. Nuclear Regulatory Commission
Region IV
611 Ryan Plaza Drive
Suite 1000
Arlington, Texas 76011

Mr. Patrick J. Brehney, Director
Federal Emergency Management Agency
Region VII
911 Walnut Street
Room 300
Kansas City, Missouri 64106

Subject: Joint Exercise Objectives

Reference: (a) Mr. J. T. Collins (USNRC) letter to Mr. J. M. Pilant (NPPD)
dated February 9, 1984, subject: Exercise Submission Dates

Dear Messrs. Collins and Brehney:

In accordance with the milestones outlined in the referenced letter, NPPD is hereby submitting the exercise objectives for the 1984 Cooper Nuclear Station Emergency Preparedness Exercise. In developing the objectives for the 1984 exercise, we have attempted to address areas which will further evaluate the new management structure at CNS, as well as the lessons learned from the 1983 exercise. It should be emphasized that the objectives provided herein, which were developed in conjunction with the states of Nebraska and Missouri, are believed to represent exercise areas which will satisfy the intent of 10CFR50 Appendix E.

The objectives defined for NPPD are listed in Attachment 1; those defined for the States of Nebraska and Missouri are listed in Attachments 2 and 3, respectively.

A primary exercise date of May 16, 1984, has been established. In the event a state response to a major disaster precludes the participation of either Nebraska or Missouri, or severe weather conditions are experienced, an alternate date of May 23, 1984, has been selected.

If you should have any questions or comments regarding the enclosed objectives, please contact Mr. P. R. Windham of our CNS staff.

Sincerely,

Jay M. Pilant
Technical Staff Manager
Nuclear Power Group

JMP/acm:kr2/7(ENVC4A)
Attachments

cc: E. L. Jordan, USNRC

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ATTACHMENT 1

Nebraska Public Power District Exercise Objectives

The following objectives have been developed as key objectives to be demonstrated during the 1984 Annual Emergency Preparedness Exercise at Cooper Nuclear Station:

1. Ability of the revised emergency response management structure to direct and control station activities, under the overall direction of the Emergency Director while, at the same time, achieve improved performance in communicating and interfacing with state and local authorities in the EOF and at the several off-site EOCs, under the overall direction of the EOF Director.
2. Capability of technical and management personnel (from various District organizations and off-site agencies) to conduct a comprehensive post accident recovery planning meeting to (a) evaluate station and off-site conditions, (b) discuss the range of problems which exist, (c) identify recovery actions which are to be taken, and (4) develop an outline of a recovery plan.
3. Capability to coordinate and disseminate timely information to the media directly from the MRC and to the PIO's of the States of Nebraska and Missouri.
4. Capability to maintain emergency management personnel at off-site EOCs current with respect to station conditions and off-site radiological information, develop protective action recommendations in a timely manner, and ensure that emergency management personnel in the affected states are aware of the recommendations being made, as well as the basis for such recommendations.
5. Capabilities of media spokespersons in a mock "hostile" briefing environment to respond to 'simulated' media inquiries of both a technical and political nature.
6. Capability of District IAC (Rumor Control) personnel to respond directly to 'simulated' inquiries from the public concerned about rumored events occurring at CNS and actions which they, the public, should be taking.
7. Capability to administer first aid, as required, transport an injured, contaminated individual to off-site medical facilities; and assist off-site medical personnel, as necessary, in implementing protective measures against the spread of radioactive contamination within such facilities.

8. Demonstrate the ability to promptly and correctly relate station conditions and radiological data to the conditions appropriate for the respective emergency classifications and subsequently conduct off-site notifications and follow up communications activities.

The following objectives have been developed as secondary objectives to be demonstrated during the 1984 Annual Emergency Preparedness Exercise at Cooper Nuclear Station:

1. Ability to maintain personal awareness regarding current station status via:
 - a) Status Boards
 - b) Periodic Briefings
 - c) Primary and back up communications equipment
 - d) Critical parameters trends
2. Ability to promptly activate the various emergency response centers as they are required to be placed into operation and clearly transfer, where appropriate, responsibilities and authorities for the management of response functions.
3. Enhanced flow of communications associated with dose projection and assessment in the EOF as a result of improvements to this facility.
4. Ability to project future station conditions and off-site radiological effects through:
 - a) Trending of critical variables
 - b) Sampling of various process streams, including use of the Post Accident Sampling System
 - c) Evaluating potential consequences which may result upon implementing response options being considered.
5. Ability to direct and control maintenance and repair activities and to track and report status of actions being taken.
6. Ability to obtain an initial accountability of all personnel on site within thirty (30) minutes and to maintain accountability thereafter.
7. Ability to obtain and coordinate assistance from various organizations within the District as well as to contact and simulate obtaining assistance available from INPO and related industry support groups and contract support organizations.

8. Capability to conduct recovery/re-entry activities in a simulated high radiation environment including, as appropriate, authorization for implementing emergency exposure limits.
9. Ability to coordinate with the States of Nebraska and Missouri to activate the fixed sirens and tone alert radios.
10. Ability to coordinate off-site radiological monitoring activities with those conducted by the States of Nebraska and Missouri, including aircraft surveys performed by the State of Nebraska, so as to adequately characterize the radioactive plume.

ATTACHMENT 2

State of Nebraska Exercise Objectives

1. Test the Cooper Nuclear Power Plant Emergency Plan to include:
 - a. Interface with off-site government agencies
 - b. Initial notification to State government
 - c. Coordination of dose assessment activities
 - d. Public warning interface
 - e. Jointly conducted public information

2. The following State support capabilities as listed in the Nebraska Radiological Emergency Response Plan for Nuclear Power Plant Incidents will be tested:
 - a. Deployment and operation of the State Field Command Post to include local and long-range communications. If plant scenario permits, test relocation of State Field Command Post. Support EOF in local notification and warning actions.
 - b. Notification and follow-up contacts with State, Federal, and private agencies having responsibilities under the Nebraska Plan.
 - c. Reaction times and supporting resources estimates for key State and selected Federal agencies.
 - d. State field radiological monitoring activities, dosimetry, field health hazard assessment, and coordination of protective action recommendations with Governor's Authorized Representative and State EOC. Includes State aerial radiological monitoring to roughly define the parameters of the airborne plume. Simulate collection and transport of field samples to State Laboratory.
 - e. Assumption of operational status and functioning of State EOC as well as coordination with agencies and field elements. Includes State EOC interstate coordination.
 - f. State EOC coordination of simulated Federal technical and nontechnical support under the National Radiological Emergency Preparedness Plan (NREPP). Also includes message flow and simulated support by NRC, DOE, and FEMA.
 - g. State CD support for the jointly operated Information Authentication Center (IAC) and Media Release Center (MRC).

- h. Agricultural agency response as coordinated by the USDA State Emergency Board acting in conjunction with the State Department of Agriculture. The agricultural actions will be in support of the protective measures determined by the State Health Department.
 - i. Demonstrate operation of State Laboratory support from Lincoln.
3. The following Nebraska local support capabilities as listed in appropriate local plans will be tested:
- a. Initial notification receipt and alerting of key people.
 - b. Communications and coordination with all involved agencies.
 - c. Activation of local Emergency Operating Centers (EOC).
 - d. Practice coordinated access control and security by selected law enforcement agencies.
 - e. Increased readiness measures for potential operation of a relocation center.
 - f. Decontamination station operation to support emergency workers who might be operating in the disaster area. Evaluate facilities and locations to be considered as alternate sites and conduct appropriate training.
 - g. Coordination of local public information activities. Includes preparations for notification of the public with actual notification being simulated.
 - h. Provision of fire and rescue support as required by plant.
 - i. Transport and reception of simulated radiation casualties.

ATTACHMENT 3

State of Missouri Exercise Objectives

1. Demonstrate the ability to mobilize staff and activate facilities promptly.
2. Demonstrate the ability to initiate second shift operations.
3. Demonstrate the ability to make decisions and to coordinate emergency activities in accordance with the scenario.
4. Demonstrate the adequacy of local facilities and displays to support emergency operations.
5. Demonstrate the ability to communicate with all appropriate locations, organizations, and field personnel.
6. Demonstrate the ability to mobilize and deploy field monitoring teams in a timely fashion.
7. Demonstrate appropriate equipment and procedures for determining ambient radiation levels.
8. Demonstrate the ability to project dosage to the public via plume exposure, based on plant and field data.
9. Demonstrate the ability to determine appropriate protective measures based on PAG's.
10. Demonstrate the ability to determine available shelters and evacuation times in accordance with the scenario.
11. Demonstrate the ability to project dosage to public via ingestion pathway exposure, based on field data, and to determine appropriate protective measures, based on PAG's and other relevant factors.
12. Demonstrate the ability to implement protective actions for ingestion pathway hazards.
13. Demonstrate the ability to alert the public within the 10-mile EPZ and disseminate an initial instructional message, within 15 minutes.
14. Demonstrate the ability to formulate and distribute appropriate instructions to the public, in a timely fashion.
15. Demonstrate the organizational ability and resources necessary to control access to an affected area.
16. Demonstrate the ability to continuously monitor and control emergency worker exposure.

17. Demonstrate the ability to brief the media in a clear, accurate, and timely manner in Atchison County.
18. Demonstrate the ability to provide coordination of information prior to being released.
19. Demonstrate the ability to identify need for, request, and obtain Federal assistance.
20. Demonstrate the ability to determine appropriate measures for controlled recovery and re-entry.

Atchison County, Missouri, Exercise Objectives

1. Demonstrate the ability to mobilize staff and activate facilities promptly.
2. Demonstrate the ability to initiate second shift operations.
3. Demonstrate the ability to make decisions and to coordinate emergency activities in accordance with the scenario.
4. Demonstrate the adequacy of local facilities and displays to support emergency operations.
5. Demonstrate the ability to communicate with all appropriate locations, organizations, and field personnel.
6. Demonstrate appropriate equipment and procedures for determining ambient radiation levels.
7. Demonstrate the ability to determine appropriate protective measures based on PAG's.
8. Demonstrate the ability to determine available shelters and evacuation times in accordance with the scenario.
9. Demonstrate the ability to alert the public within the 10-mile EPZ and disseminate an initial instructional message, within 15 minutes.
10. Demonstrate the ability to formulate and distribute appropriate instructions to the public, in a timely fashion.
11. Demonstrate the organizational ability and resources necessary to control access to an affected area.
12. Demonstrate the ability to continuously monitor and control emergency worker exposure.
13. Demonstrate the ability to brief the media in a clear, accurate, and timely manner in Atchison County.
14. Demonstrate the ability to establish and operate rumor control in a coordinated fashion.

Nodaway County, Missouri, Exercise Objectives

1. Demonstrate the adequacy of procedures for registration and radiological monitoring of evacuees.
2. Demonstrate adequacy of facilities for mass care of evacuees.