



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

REGION IV

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ARLINGTON, TEXAS 76011-8064

DEC 13 1995

Nebraska Public Power District  
ATTN: Guy R. Horn, Vice President - Nuclear  
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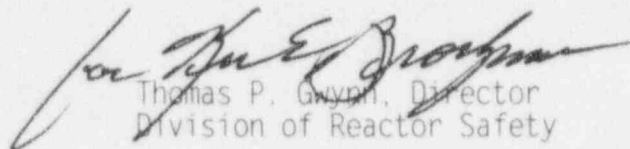
SUBJECT: FEDERAL EMERGENCY MANAGEMENT AGENCY'S REPORT

Enclosed is a copy of the Federal Emergency Management Agency's final report for the August 30, 1995, Cooper Nuclear Station off-site medical drill.

The report indicates that there were no deficiencies or areas requiring corrective action identified during the drill. No response to the NRC is required.

If you have any questions concerning this letter, please contact Ms. Gail M. Good at (817)860-8215.

Sincerely,

  
Thomas P. Gwynn, Director  
Division of Reactor Safety

Enclosure: As stated

Docket: 50-298  
License: DPR-46

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Brownville, Nebraska 68321

Nebraska Public Power District  
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Midwest Power  
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Lincoln, Nebraska 68508

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Nebraska Public Power District

-3-

Director  
Nebraska Civil Defense Agency  
1300 Military Road  
Lincoln, Nebraska 68508

Kansas Radiation Control Program Director

E-Mail report to D. Nelson (DJN)  
E-Mail report to NRR Event Tracking System (IPAS)

bcc to DMB (IE38)

bcc distrib. by RIV:

L. J. Callan  
Branch Chief (DRP/C)  
MIS System  
Branch Chief (DRP/TSS)  
RIV File  
C. A. Hackney

Resident Inspector  
Leah Tremper (OC/LFDCB, MS: TWFN 9E10)  
DRS-PSB  
Project Engineer (DRP/C)  
T. Essig (NRR/PERB)

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*\* previously concurred*

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130037



# Medical Drill Report

## Cooper Nuclear Station

Licensee: Nebraska Public Power District  
Drill Date: August 30, 1995  
Report Date: November 6, 1995

FEDERAL EMERGENCY MANAGEMENT AGENCY  
REGION VII  
911 WALNUT, ROOM 200  
KANSAS CITY, MISSOURI 64106

JOHN A. MILLER, REGIONAL DIRECTOR

~~9511300219~~

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# I. Executive Summary

On August 30, 1995, a medical drill was conducted in the plume exposure pathway emergency planning zone (EPZ) around the Cooper Nuclear Station by the Federal Emergency Management Agency (FEMA), Region VII. The purpose of the medical drill was to assess the ability of offsite agencies in responding to a radiological emergency involving a simulated medical injury to a member of the public with radioactive contamination. This medical drill was held in accordance with FEMA's policies and guidance concerning the exercise of State and local radiological emergency response plans and procedures. The evaluators for this drill were Joe Schulte from FEMA and Stephen Chambers from the Environmental Protection Agency.

The most recent medical drill at this site was conducted on August 11, 1994.

FEMA wishes to acknowledge the efforts of many individuals who participated in this medical drill. In the State of Missouri, the Nodaway County Ambulance participated. In the State of Nebraska, the University of Nebraska Medical Center and the Nemaha County Ambulance participated. The University of Nebraska Medical Center is the backup medical facility for Nebraska and Missouri for the Cooper Nuclear Station.

The following objectives, which are part of the 33 standardized objectives contained in FEMA's Exercise Manual (FEMA-REP-14), were demonstrated during this drill:

**Objective Number 5** - Demonstrate the capability to continuously monitor and control radiation exposure to emergency workers.

**Objective Number 14** - Demonstrate the capability and resources to implement potassium iodide (KI) protective actions for emergency workers.

**Objective Number 20** - Demonstrate the adequacy of vehicles, equipment, procedures, and personnel for transporting contaminated, injured, or exposed individuals.

**Objective Number 21** - Demonstrate the adequacy of the equipment, procedures, supplies, and personnel of medical facilities responsible for treatment of contaminated, injured, or exposed individuals.



There were no areas requiring corrective action identified during the previous Cooper Nuclear Station medical drill that required corrective action or subsequent demonstration for reevaluation during this drill.

The offsite agencies demonstrated knowledge of their emergency response plans and procedures and adequately implemented them. There were no Deficiencies or Areas Requiring Corrective Action identified during this drill.

## II. Drill Evaluation and Results

Contained in this section are the results of the evaluation of the offsite agencies which participated in the August 30, 1995, medical drill to test the offsite emergency response capabilities involving a simulated medical injury to a member of the public with radioactive contamination in the area surrounding the Cooper Nuclear Station.

This section provides information on the evaluation of each participating offsite agency, in a jurisdiction based, issues only format. Presented below is a definition of the terms used in this subsection relative to objective demonstration status.

**Met** - Listing of the demonstrated drill objectives under which no Deficiencies or ARCAs were assessed during this medical drill, and under which no ARCAs assessed during prior medical drills remain unresolved.

**Deficiency** - Listing of the demonstrated drill objectives under which one or more Deficiencies were assessed during this medical drill. Included is a description of each Deficiency and recommended corrective actions.

**Area Requiring Corrective Actions (ARCA)** - Listing of the demonstrated drill objectives under which one or more ARCAs were assessed during the current medical drill or ARCAs assessed during prior medical drills that remain unresolved. Included is a description of ARCAs assessed during this exercise and the recommended corrective action to be demonstrated before or during the next biennial exercise or medical drill.

**Not Demonstrated** - Listing of the drill objectives which were not demonstrated as scheduled during this medical drill, and the reason they were not demonstrated.

**Prior Issues - Resolved** - Descriptions of ARCAs assessed during previous exercises or drills which were resolved in this drill and the corrective actions demonstrated.

**Prior Issues - Unresolved** - Descriptions of ARCAs assessed during prior exercises or drills which were not resolved in this drill. Included is the reason the ARCAs remain unresolved and recommended corrective actions to be demonstrated before or during the next biennial exercise or medical drill.

The following are definitions of the two types of exercise/drill issues which are discussed in this report.

A **Deficiency** is defined in FEMA-REP-14 as "...an observed or identified inadequacy of organizational performance in an exercise/drill that could cause a finding that offsite emergency preparedness is not adequate to provide reasonable assurance that appropriate protective measures can be taken in the event of a radiological emergency to protect the health and safety of the public living in the vicinity of a nuclear power plant."

An **ARCA** is defined in FEMA-REP-14 as "...an observed or identified inadequacy of organizational performance in an exercise/drill that is not considered, by itself, to adversely impact public health and safety."

## **1. State of Missouri**

### **1.1 Nodaway County Ambulance**

- a. **MET:** 5, 14, and 20
- b. **DEFICIENCY:** None
- c. **ARCAs:** None
- d. **NOT DEMONSTRATED:** None
- e. **PRIOR ISSUES - RESOLVED:** None
- f. **PRIOR ISSUES - UNRESOLVED:** None

## 2. State of Nebraska

### 2.1 University of Nebraska Medical Center

- a. MET: 5 and 21
- b. DEFICIENCY: None
- c. ARCAs: None
- d. NOT DEMONSTRATED: None
- e. PRIOR ISSUES - RESOLVED: None
- f. PRIOR ISSUES - UNRESOLVED: None

### 2.2 Nemaha County Ambulance

- a. MET: 5, 14, and 20
- b. DEFICIENCY: None
- c. ARCAs: None
- d. NOT DEMONSTRATED: None
- e. PRIOR ISSUES - RESOLVED: None
- f. PRIOR ISSUES - UNRESOLVED: None