



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION IV

611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TEXAS 76011-8064

December 21, 1994

Nebraska Public Power District
ATTN: Guy R. Horn, Vice President - Nuclear
P.O. Box 499
Columbus, Nebraska 68602-0499

SUBJECT: FEMA IDENTIFIED DEFICIENCY AT THE NOVEMBER 16, 1994 COOPER EXERCISE

Enclosed is a copy of the letter from Mr. John A. Miller, Federal Emergency Management Agency (FEMA) Region VII Director, dated November 23, 1994, which notified the state of Nebraska of a Deficiency identified during the November 16, 1994 exercise with Cooper Nuclear Station.

The Deficiency involved the capability to coordinate the formulation and dissemination of accurate information to the public using the Emergency Broadcast System (EBS). This Deficiency was assessed against the Nebraska Field Command Post/Information Authentication Center. We request that you assist off-site officials with corrective action as required and track the state's corrective actions for this Deficiency. Please keep this office informed of the status of the resolution of this item.

Sincerely,

Samuel J. Collins, Director
Division of Radiation Safety
and Safeguards

Enclosure: As stated

Docket: 50-298
License: DPR-46

cc w/enclosure:
Nebraska Public Power District
ATTN: G. D. Watson, General Counsel
P.O. Box 499
Columbus, Nebraska 68602-0499

Nebraska Public Power District
ATTN: John Mueller, Site Manager
P.O. Box 98
Brownville, Nebraska 68321

Nebraska Public Power District

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Nebraska Public Power District
ATTN: Robert C. Godley, Nuclear
Licensing & Safety Manager
P.O. Box 98
Brownville, Nebraska 68321

Midwest Power
ATTN: James C. Parker, Sr. Engineer
907 Walnut Street
P.O. Box 657
Des Moines, Iowa 50303

Lincoln Electric System
ATTN: Mr. Ron Stoddard
11th and O Streets
Lincoln, Nebraska 68508

Nebraska Department of Environmental
Quality
ATTN: Randolph Wood, Director
P.O. Box 98922
Lincoln, Nebraska 68509-8922

Nemaha County Board of Commissioners
ATTN: Larry Bohlken, Chairman
Nemaha County Courthouse
1824 N Street
Auburn, Nebraska 68305

Nebraska Department of Health
ATTN: Harold Borchert, Director
Division of Radiological Health
301 Centennial Mall, South
P.O. Box 95007
Lincoln, Nebraska 68509-5007

Nebraska Department of Health
ATTN: Dr. Mark B. Horton, M.S.P.H.
Director
P.O. Box 950070
Lincoln, Nebraska 68509-5007

Department of Natural Resources
ATTN: R. A. Kucera, Department Director
of Intergovernmental Cooperation
P.O. Box 176
Jefferson City, Missouri 65102

Kansas Radiation Control Program Director

Nebraska Public Power District

-3-

Program Manager

FEMA Region 7

911 Walnut Street, Room 200

Kansas City, Missouri 64106

Director

Nebraska Civil Defense Agency

1300 Military Road

Lincoln, Nebraska 68508

Nebraska Public Power District

-4-

bcc to DMB (IE35)

bcc w/enclosure:

L. J. Callan

Branch Chief (DRP/C)

MIS System

Branch Chief (DRP/TSS)

RIV File

Senior Resident Inspector - Fort Calhoun

C. A. Hackney, SLO

Resident Inspector

Leah Tremper (OC/LFDCB, MS: TWFN 9E10)

DRSS-RIB File (Hodges)

Project Engineer (DRP/C)

Senior Resident Inspector - River Bend

B. Murray, DRSS/RIB

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12/19/94	12/19/94	12/20/94				

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Nebraska Public Power District

-4-

bcc to DMB (IE35)

bcc w/enclosure:

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

Senior Resident Inspector - Fort Calhoun
C. A. Hackney, SLO

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BMurray	AScaran	SJCollins				
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OPTIONAL FORM 90 (7-93)



Federal Emergency Management Agency

FAX TRANSMITTAL

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TO: CHARLES HARKNEY

FROM: FEMA R7

DEPT/AGENCY: NRC IV

PHONE: 816-283-7016

CALL: 817 860-8210

FAX: 816-283-7098

1541 7340-01-317-7308

5098-101

GENERAL SERVICES ADMINISTRATION

NOV 23 1994

Richard L. Senn, Assistant Director
State Civil Defense Agency
1300 Military Road
Lincoln, Nebraska 68508-1090

Dear Mr. Senn:

SUBJECT: Deficiency Observed at the November 16, 1994,
Cooper Nuclear Station Exercise - Response Due:
December 5, 1994

The purpose of this letter is to officially inform you of the Deficiency identified during the emergency phase of the November 16, 1994, exercise of the state and local radiological emergency response plans for the Cooper Nuclear Station. This Deficiency is being assessed against the Nebraska Field Command Post/Information Authentication Center.

Field Command Post/Information Authentication Center

1. Objective number 11, the capability to coordinate the formulation and dissemination of accurate information and instructions to the public, was not adequately demonstrated resulting in a Deficiency. Specifically, the following concerns were identified with the issuance of Emergency Broadcast System (EBS) messages: (NUREG-0654, E.7)

- * The EBS messages prepared by the state following the protective action decision to evacuate were not provided to the public in a timely manner. The protective action decision to evacuate areas 1, 2, 3, and 4 was made at 0921. This information was provided to the state EOC at 0925. However, the EBS station was not contacted until 0950 and the complete information to the public required to effect this evacuation was not broadcast until 1007. This was a delay of 46 minutes before the complete instructions were provided to the public regarding the evacuation process.
- * The state EOC did not combine critical information, concerning the evacuation of subareas 1, 2, 3, and 4, into one message in accordance with the Annex G of the state plan. Instead of one EBS message, the state EOC generated four separate messages to provide this information to the public. Message number 1, broad-

Attachment

remedial actions, including remedial exercises, drills, and other actions.

cast at 0954, provided the protective action decision to evacuate and the appropriate landmark descriptions of the affected areas. Messages number 2 and 3, broadcast at 1000, indicated the locations of the reception centers for evacuees and provided specific evacuation instructions to assist the evacuees. Message number 4, broadcast at 1007, provided the evacuation routes to the reception centers. Issuing this information as four separate messages, instead of one, would be confusing to the public. Providing a protective action decision to evacuate and the description of the affected areas, without immediately providing the evacuation routes to utilize or the location of the reception centers, could result in evacuees using roads that might lead them into the path of the plume and could also result in evacuees not reporting to the reception centers to be monitored.

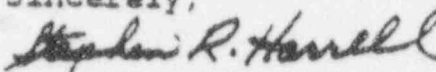
Remedial action will require submission of a plan amendment to clearly indicate that critical information concerning protective actions (areas affected, landmarks, evacuation routes, and reception centers) will be provided concurrently to the public. It is recommended that the EBS messages be modified in the manner that was accomplished for the Fort Calhoun Nuclear Station plans. In addition to the plan amendment, a remedial exercise must be conducted to demonstrate objective number 11 in accordance with the modified plan.

In accordance with 44 CFR 150.9(d) and the FEMA Radiological Emergency Preparedness Exercise Manual (FEMA-REP-14), September 1991, a Deficiency is defined as a demonstrated and observed inadequacy of organizational performance in an exercise 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. Because of the potential impact of Deficiencies on emergency preparedness, they are required to be promptly corrected through appropriate remedial actions, including remedial exercises, drills, and other actions.

Based on the above, remedial action must be completed by March 16, 1995. Please provide this office with a projected date for the completion of the remedial action, to include the remedial exercise, by December 5, 1994.

If you have any questions, please contact Robert Bissell at (816) 283-7004.

Sincerely,


for John A. Miller
Regional Director

cc: Kathryn Cole, FEMA HQ
Charles Hackney NRC IV