



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION IV

611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TEXAS 76011-8754

MAR 15 1994

Docket: 50-298
License: DPR-46
EA 94-005

Nebraska Public Power District
ATTN: Guy R. Horn, Vice President - Nuclear
P.O. Box 98
Brownville, Nebraska 68321

SUBJECT: NOTICE OF VIOLATION (NRC INSPECTION REPORT 50-298/93-28)

This refers to the special inspection conducted by Messrs. R. A. Kopriva and R. P. Mullikin of this office on November 8 through December 30, 1993. A report documenting the results of this inspection was issued on January 8, 1994. The inspection led to an enforcement conference with Nebraska Public Power District (NPPD) personnel in the NRC's Region IV office on January 31, 1994.

Based on the results of the inspection and the information presented by you at the enforcement conference, certain licensed activities appeared to be in violation of NRC requirements, as specified in the enclosed Notice of Violation (Notice).

The first violation is of concern because inadequate maintenance procedures contributed to miscalibration of relays on both emergency diesel generators. The relay out-of-tolerance conditions that were identified on November 8, 1993, represented a potential common mode failure for the emergency diesel generators and would have prevented the emergency diesel generators from automatically energizing the emergency buses during a loss of coolant accident followed by a loss of offsite power.

The second violation is of concern because corrective actions to relay out-of-tolerance conditions that were identified in March and April 1993 did not address that the procedures were deficient and did not address the cause for the out-of-tolerance conditions. Also, corrective actions to ensure the timely declaration of an Unusual Event when both emergency diesel generators are inoperable were not completely effective.

An apparent violation addressed the potential inoperability of both emergency diesel generators. During the enforcement conference, you discussed the licensing and design basis for the emergency diesel generators and concluded that they were capable of responding to the licensing and design basis events and, consequently, you concluded that the emergency diesel generators were not rendered inoperable because of the miscalibrated relays. The NRC has considered the information you presented at the enforcement conference and has

9403230014 940315
PDR ADOCK 0500029B
Q PDR

220003

LEO /
11

MAR 15 1994

determined that this item will remain unresolved pending additional review by the NRC.

Also at the enforcement conference, you discussed a potential concern regarding the automatic starting and loading of the emergency diesel generators in the event that offsite electrical power was lost during an accident while emergency core cooling systems were running to perform the intended safety function. In your response to the Notice, please provide your assessment of this potential issue and any corrective actions you plan to implement to address the issue.

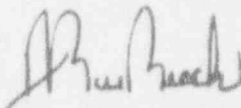
This letter closes Apparent Violations 298/9328-01, -03, and -05; and opens Unresolved Item 298/9328-06.

You are required to respond to this letter and should follow the instructions specified in the enclosed Notice when preparing your response. In your response, you should document the specific actions taken and any additional actions you plan to prevent recurrence. After reviewing your response to this Notice, including your proposed corrective actions and the results of future inspections, the NRC will determine whether further NRC enforcement action is necessary to ensure compliance with NRC regulatory requirements.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and its enclosures will be placed in the NRC Public Document Room. The responses directed by this letter and the enclosed Notice are not subject to the clearance procedures of the Office of Management and Budget as required by the Paperwork Reduction Act of 1980, Pub. L. No. 96.511.

Should you have any questions concerning this inspection, we will be pleased to discuss them with you.

Sincerely,



A. Bill Beach, Director
Division of Reactor Projects

Enclosures:

1. Appendix - Notice of Violation
2. Enforcement Conference Attendance List
3. Enforcement Conference presentation

cc w/enclosures:

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

MAR 15 1994

Nebraska Public Power District
ATTN: Mr. David A. Whitman
P.O. Box 499
Columbus, Nebraska 68602-0499

** Nebraska Department of Environmental
Control
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

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

Kansas Radiation Control Program Director

MAR 15 1994

Nebraska Public Power District

-4-

bcc to D. Sullivan (DJS) by E-Mail

bcc to DMB (IE01)

bcc distrib. by RIV:

J. L. Milhoan

Section Chief (DRP/C)

MIS System

Section Chief (DRP/TSS)

RIV File

Senior Resident Inspector - Fort Calhoun

A. B. Beach, D/DRP


Resident Inspector

Lisa Shea, RM/ALF, MS: MNBB 4503

DRSS-FIPS

Project Engineer (DRP/C)

Senior Resident Inspector - River Bend

RIV:C:DRP/C	EO 	D:DRP		
JEGagliardo;df	GFSanborn	A.Beach		
3/11/94	3/14/94	3/14/94		

MAR 15 1994

bcc to D. Sullivan (DJS) by E-Mail

bcc to DMB (IE01)

bcc distrib. by RIV:

J. L. Milhoan

Section Chief (DRP/C)

MIS System

Section Chief (DRP/TSS)

RIV File

Senior Resident Inspector - Fort Calhoun

A. B. Beach, D/DRP


Resident Inspector

Lisa Shea, RM/ALF, MS: MNBB 4503

DRSS-FIPS

Project Engineer (DRP/C)

Senior Resident Inspector - River Bend

RIV:C:DRP/C	EO 	D:DRP		
JEGagliardo;df	GFSanborn	ABBeach		
3/11/94	3/14/94	3/14/94		