

APR 2 1986

Docket No. 50-285
License No. DPR-40
EA 86-29

Omaha Public Power District
ATTN: R. L. Andrews, Division Manager-
Nuclear Production
1623 Harney Street
Omaha, Nebraska 68102

Gentlemen:

SUBJECT: NOTICE OF VIOLATION (NRC INSPECTION REPORT NO. 50-285/85-09)

This refers to the special team inspection conducted by the NRC April 29 - May 3, 1985 of activities authorized by Operating License No. DPR-40 for the Fort Calhoun Station. The results of this inspection were previously sent to you by our letter of July 26, 1985. The inspection team identified six deficiencies classified as Potential Enforcement/Unresolved Items. We have determined from a further review of these matters during a followup inspection by Region IV on November 18-22, 1985 and meetings with your staff in the Region IV office on December 12-13, 1985 that five of the six Potential Enforcement/Unresolved Items were in violation of NRC requirements. Since you waived your opportunity to hold an enforcement conference, one was not conducted.

We consider Violation A in the enclosed Notice of Violation involving qualification of Conax Electrical Penetration Assemblies within the scope of 10 CFR 50.49 requirements to be of significant concern. The modification devised by Omaha Public Power District (OPPD), after it was discovered that Teflon seals and conductor insulation in the penetration assemblies had failed qualification tests, consisted of potting the junction between the penetration assembly bodies and the related pigtail wires using room temperature vulcanizing (RTV) silicone rubber. Since you failed to test the penetration assemblies after making the modification, the ability of the RTV material to remain bonded through the differential expansions and the severe environment of a LOCA was not assured in this application. Thus, the penetration units still were not appropriately qualified. The extent of the deficiency is very broad in that the electrical circuits for all equipment located inside containment must pass through the penetration assemblies; power, control, and instrumentation wiring for both safety-related and non-safety-related equipment inside containment potentially could be affected.

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

8604070251 860402
PDR ADOCK 05000285
G PDR

IE14
1/1

In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," 10 CFR Part 2, Appendix C (1985), Violation A described in the enclosed Notice has been classified at a Severity Level III. The other violations have each been classified at a Severity Level IV. Normally, a civil penalty is considered for a Severity Level III violation. However, after consultation with the Director, Office of Inspection and Enforcement, I have decided that a civil penalty will not be proposed in this case because the violations were identified prior to November 30, 1985 and this item is of the type for which an extension prior to November 30, 1985 could have been granted if requested before the deadline. We also recognize that following identification of this problem by the NRC, you provided complete and timely reports concerning your evaluation and corrective actions and you took extensive corrective action, including the replacement of all penetration assemblies with units that have been appropriately qualified.

You are required to respond to this letter and you should follow the instructions specified in the enclosed Notice when preparing your response. Our inspection activities and your letter dated January 11, 1986 indicate that corrective actions are now complete. However, further response from you is necessary to document the actions you have taken on each specific item and to address any other actions you plan to take to ensure that other deficiencies similar to those noted do not adversely affect any other safety-related equipment. Where you have already responded in writing to these findings (such as your letter of October 11, 1985), you do not need to repeat that information but need only reference earlier communications and add additional detail not already contained therein. After reviewing your response to this Notice, including your proposed corrective actions, the NRC will determine whether further NRC enforcement action is necessary to ensure compliance with NRC regulatory requirements.

In accordance with Section 2.790 of the NRC's "Rules of Practice," Part 2, Title 10, Code of Federal Regulations, a copy of this letter and its enclosure 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, PL 96-511.

Sincerely,

Original signed by:

Robert D. Martin

Robert D. Martin

Regional Administrator

Enclosure:
Notice of Violation

Distribution:

PDR

SECY

CA

JMTaylor, IE

RVollmer, IE

JAxelrad, IE

ABBeach, IE

JLieberman, ELD

GZech, IE

VPotopovs, IE

RWilson, IE

FIngram, PA

JCrooks, AEOD

BHayes, OI

GEEdles, OIA

DNussbaumer, OSP

Enforcement Officers

RI, RII, RIII, RV

IE/ES

IE/EA

DCS

State of Nebraska Radiation Control Program Director

RIV Distribution:

Regional Administrator, RMartin

Division Director

Branch Chief, RPB

Branch Chief, RSB

DHunnicut

DNorman

A. Johnson

RIreland

DPowers

Resident Inspector

CWisner (ltr hd)

RDoda

RIV Files

IE 14

IE:ES
ABBeach
3/23/86ELDS
JLieberman
3/23/86IE:EQ
GZech
3/23/86RIV
RMartin
3/23/86JAxelrad
3/23/86RVollmer
3/23/86JMTaylor
3/31/86RIV:C:ES
RIreland
2/12/86ES
DNorman
2/12/86AC:RSPB
DHunnicut
2/13/86C:RSPB
DHunter
2/13/86C:RPB
JGagliardo
2/13/86D:DRS&P
EJohnson
2/16/86EO
DPowers
2/25/86RA
RMartin
4/2/86