

FEB 14 1991

Docket No. 50-298/90-09  
License No. DPR-46

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

Gentlemen:

This letter documents the telephone conversation between your staff and the NRC Region IV staff on February 6, 1991. Enclosed with this letter is a copy of the safety evaluation on the environmental qualification (EQ) of taped splices for use in instrumentation circuits that could be subjected to harsh environments.

As discussed in the telephone conversation, the NRC concluded that the two test reports and supporting analysis submitted by your staff did not demonstrate EQ of such splices in accordance with 10 CFR Part 50.49. We have also concluded that continued use of the existing taped splices for the reactor vessel level and for the other identified splices would be permissible based upon the fact that the splices would be subjected only to a radiation harsh environment for the accident they would be required to mitigate. We understand, however, that you intend to replace all the identified splices with a "qualified configuration" during your 1991 refueling outage. Your approach to this issue is both conservative and responsive.

We consider the issue resolved, and no response to this letter is required. Should you have any further questions concerning the qualification of taped splices, we will be pleased to discuss them with you.

Sincerely,  
Original Signed By:  
Samuel J. Collins  
  
Samuel J. Collins, Director  
Division of Reactor Projects

Enclosure:  
Safety Evaluation

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

RIV:PSS*	AC:PSS*	ADD:DRS	AD:DRS	D:DRS
CJFaulk:lt	WFSmith	TFStetka	JPJaudon	SJCollins
/ /91	/ /91	2 / 11 /91	2 / 11 /91	2 / 13 /91

*Handwritten notes: "5" above AD:DRS; "K" next to JPJaudon; circled signature "S. J. Collins" with "2-13-91" next to it.*

\*previously concurred

9102210060 910214  
PDR ADOCK 05000298  
P PDR

*Handwritten:* IEO1  
|||

Nebraska Public Power District

-2-

Cooper Nuclear Station  
ATTN: John M. Meacham, Division  
Manager, Nuclear Operations  
P.O. Box 98  
Brownville, Nebraska 68321

Nebraska Department of Environmental  
Control  
ATTN: Dennis Grams, 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

Kansas Radiation Control Program Director

bcc to DMB (IE01)

bcc distrib. by RIV:

R. D. Martin	Resident Inspector
Section Chief (DRP/C)	Lisa Shea, RM/ALF
DRSS-RPEPS	MIS System
RIV File	Project Engineer (DRP/C)
RSTS Operator	DRP
Senior Resident Inspector - River Bend	
Senior Resident Inspector - Fort Calhoun	
P. O'Connor, NRR Project Manager (MS: 11-D-23)	
DRS	
C. Paulk	
T. Stetka	
C. Paulk Reading File	