



# Nebraska Public Power District

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NSD920759  
July 29, 1992

U.S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, DC 20555

Subject: Response to NRC Bulletin No. 92-01  
Cooper Nuclear Station  
NRC Docket No. 50-298/DPR-46

Reference: NRC Bulletin No. 92-01, "Failure of Thermo-Lag 330 Fire Barrier System to Maintain Cabling in Wide Cable Trays and Small Conduits Free From Fire Damage"

Gentlemen:

As directed by the referenced bulletin, the Nebraska Public Power District (District) is providing the following information regarding Thermo-Lag 330 fire barrier installations at Cooper Nuclear Station (CNS).

CNS currently utilizes Thermo-Lag 330 material as a one hour fire barrier to protect a 2" diameter conduit in the 882' elevation of the Control Building. The conduit contains cabling that provides DC power to Number 1 Emergency Diesel Generator and is utilized for post fire safe shutdown outside of the Control Room. In this same fire area, Thermo-Lag is also utilized for the construction of a one hour barrier enclosure around cabling in conduits that provide 4160 VAC to Station Service Water Pumps. It should be noted that these configurations of Thermo-Lag material are of indeterminate status based on the test data supplied in the NRC Bulletin. The same material is used in other locations at CNS; however, these installations are not credited as one hour or three hour barriers and, therefore, are not within the scope of NRC Bulletin 92-01.

In accordance with station procedures, an operability determination was made and it was determined that the two above described barriers were inoperable because of the procedural prohibition against indeterminate operability status. This resulted in the issuance of a Nonconformance Report and the subsequent reportability analysis determined that the station was outside of its design basis due to the undefined fire barrier rating. A one hour report was made in accordance with 10 CFR 50.72. Within one hour of the operability determination, a continuous firewatch was placed in the 882' elevation of the CNS Control Building in accordance with plant Technical Specifications and station procedures.

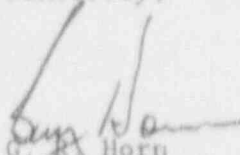
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in addition to the actions taken above, appropriate actions to restore fire barrier operability are being developed through an industry program being coordinated by NUMARC. This program will include establishment of a test database, development of guidance for applicability of tests, development of generic installation guidance, and consideration and coordination of additional testing as appropriate. The District will monitor the progress of this program and will review the results of these efforts, when completed, and implement the appropriate corrective actions. The compensatory measures described or some other compensatory measure approved by the NRC, will remain in place until the one hour rated barriers are restored to operable status.

If you have any questions regarding this response, or require any additional information, please contact me.

Sincerely,



G. R. Horn  
Nuclear Power  
Group Manager

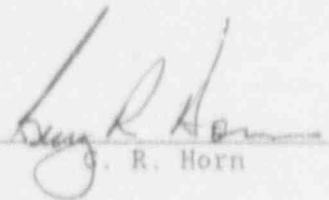
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cc: U.S. Nuclear Regulatory Commission  
Region IV  
Arlington, TX

NRC Resident Inspector  
Cooper Nuclear Station

STATE OF NEBRASKA )  
                          )  
PLATTE COUNTY      )

G. R. Horn, being first duly sworn, deposes and says that he is an authorized representative of the Nebraska Public Power District, a public corporation and political subdivision of the State of Nebraska; that he is duly authorized to submit this response on behalf of Nebraska Public Power District; and that the statements contained herein are true to the best of his knowledge and belief.

  
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G. R. Horn

Subscribed in my presence and sworn to before me this 29<sup>th</sup> day of  
July, 1992.

  
\_\_\_\_\_  
NOTARY PUBLIC

