

## Nebraska Public Power District

COOPER NUCLEAR STATION  
P.O. BOX 98, BROWNVILLE, NEBRASKA 68321  
TELEPHONE (402) 825-3811

CNSS790554

November 5, 1979

Mr. K. V. Seyfrit  
U.S. Nuclear Regulatory Commission  
Office of Inspection and Enforcement  
Region IV  
611 Ryan Plaza  
Suite 1000  
Arlington, Texas 76011

Dear Sir:

This report is submitted in accordance with Section 6.7.2.B.2 of the Technical Specifications for Cooper Nuclear Station and discusses a reportable occurrence that was discovered on October 8, 1979. A licensee event report form is also enclosed.

Report No.: 50-298-79-28  
Report Date: November 5, 1979  
Occurrence Date: October 8, 1979  
Facility: Cooper Nuclear Station  
Brownville, Nebraska 68321

### Identification of Occurrence:

A condition which lead to operation in a degraded mode permitted by a limiting condition for operation established in Section 3.19.8 of the Technical Specifications.

### Conditions Prior to Occurrence:

The reactor was at a steady state power level of approximately 95% of rated thermal power.

### Description of Occurrence:

While inspecting the cable spreading room it was noted that a four inch diameter pipe sleeve in the fire wall between the cable spreading room and the cable expansion room was not properly sealed.

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### Designation of Apparent Cause of Occurrence:

Inadequate control of installation of fire seals during a microwave communications system installation in December 1978.

Approved  
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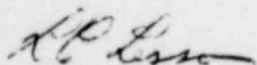
Analysis of Occurrence:

The four inch sleeve, located in the wall between the cable spreading room and the cable expansion room, carries two 1 inch conduits through it. One conduit contains control cable for reactor recirculation motor generator set ventilation flow indication. The other conduit contains cable for microwave communication. The space inside the four inch sleeve and outside of the two one inch conduits was not adequately sealed. The possibility of a fire starting in this area is minimal because no combustible material was present. The cable spreading room is equipped with an automatic sprinkler system which could extinguish a fire if one started. The possibility of a fire spreading through the unsealed sleeve was remote because the sleeve contained no combustible material. This occurrence presented no adverse effect to public health and safety.

Corrective Action:

The four inch sleeve was immediately sealed and an adequate fire barrier established. All remaining sleeves in this area were inspected and verified to be properly sealed. The Technical Specifications also require that the penetrations in the cable spreading room be inspected every 18 months. This event was discussed with the appropriate personnel.

Sincerely,



L. C. Lessor  
Station Superintendent  
Cooper Nuclear Station

LCL:cg  
Attach.

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