



LER No. 82-001  
Omaha Public Power District  
Fort Calhoun Station Unit No. 1  
Docket No. 05000285

ATTACHMENT NO. 1

Safety Analysis

The two non-functional fire barrier penetrations are located in the walls dividing the lower electrical penetration room from the air compressor room and the air compressor room from the Turbine-Generator building. The penetrations consisted of a one-half inch annulus opening around a two inch pipe. This amounts to an opening of approximately four square inches per penetration.

The fire detector zones adjacent to the degraded fire barriers were operable. An hourly fire watch patrol required by the Technical Specifications is redundant to the fire detector system. The lack of a fire watch patrol for approximately 24 hours did not pose a significant fire hazard since the fire detection capability in the affected zones was still operable.

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Corrective Action

Upon discovery by plant management that a fire barrier was degraded, immediate actions were taken to repair the barrier within the one hour time requirement of Technical Specification 2.19(7).

Discussions with management and inspection personnel involved in this event were held and the importance of proper communication regarding potential license violations was emphasized. Prompt follow-up by management to clarify potential problem areas in order to clearly assess safety significance also was emphasized.

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Failure Data

This is the second failure involving a fire barrier penetration at the Fort Calhoun Station Unit No. 1. The first failure corresponds to LER No. 80-004.