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LER No. 82-008
Omaha Public Power District
Fort Calhoun Station Unit No. 1
Docket No. 05000285

Attachment No. 1

Safety Analysis

The auxiliary feedwater system at Fort Calhoun Station has been designed to single failure criteria, such that no single failure, by itself, can prevent the system from performing its required safety function. During the period in which FW-10 was found inoperable, FW-6, the motor driven auxiliary feedwater pump, was operable and able to perform its designed safety function; as it was tested for operability per ST-FW-1 just prior to noting FW-10 was inoperable.

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Corrective Action

Initial investigation into the "non-start" showed the back pressure trip reset lever to be in the "tripped" position. The operator performing the surveillance test noted this and corrected it immediately. This action gave a successful start of the pump. The pump was restarted successfully twice to verify operability. Since the problem was corrected and the pump returned to operable status within 24 hours (Technical Specification 2.5), the plant remained at approximately 100% power. The cause of the out of position trip lever could not be determined. To resolve this concern, the District is evaluating on a high priority basis the possibility of installing alarms on the mechanical trip linkages associated with FW-10 to alert the operators if they are out of position.

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Failure Data

This is the third failure involving a non-start of FW-10 at Fort Calhoun Station Unit No. 1. The other failures are referenced per Unusual Event 73-7 and LER 78-030.