

LER NO. 82-51/3L
DOCKET NO. 50-318
LICENSE NO. DPR 69
EVENT DATE 10-15-82
REPORT DATE 11-12-82
ATTACHMENT

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (CONT'D)

Troubleshooting revealed the cause for this event to be a failed coil of solenoid valve (2-SV-1638), the reason for the failure is unknown. A replacement solenoid valve was ordered and installed.

Approximately two (2) hours after installation, the solenoid valve failed again. Investigation revealed that the wrong type solenoid valve was ordered and consequently installed. Inadvertently an AC solenoid valve was ordered vice a DC solenoid valve. The low resistance properties of the solenoid valve's AC coil lead to high loop current, thereby causing the coil to fail, i.e., the coil winding loop opened.

The shop personnel involved have been instructed on parts verification prior to ordering and/or installing spare parts. Since the control valve position is displayed remotely, no further preventive action is deemed necessary.