

LER NO. 82-43/3L
DOCKET NO. 50-318
LICENSE NO. DPR 69
EVENT DATE 09-29-82
REPORT DATE 10-28-82
ATTACHMENT

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (CONT'D)

On September 29, 1982, troubleshooting revealed no cause for this event and the breaker (152-2106) was returned to service. Again, on October 12, 1982, the symptoms returned. Troubleshooting revealed the cause for this event to be the mis-alignment of the bus's disconnect switch key switch key electrical contacts.

The misalignment was caused when the key in the key switch tumbler was not fully rotated from the normal or proper breaker line-up position to the abnormal or improper breaker line-up position. The key was found in an intermediate position, whereas, the set of contacts for the trip breaker signal were closed, this condition gives no annunciation in the Control Room of the trip signal applied to the breakers' trip coil. The contacts for the "improper breaker line-up" alarm were open; alarm circuit designed to alarm when initiating device contacts closed. The cause for the key to be out of position is unknown.

An engineering review will be conducted to determine future appropriate preventive action. As an interim solution, a log change will be initiated to instruct watch review, an up-dated report will be submitted.