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(7.77)		1		

U. S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT				
CONTROL BLOCK:				
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CON'T T B SOURCE L 6 0 5 0 0 0 3 1 8 7 0 9 2 9 8 2 8 1 0 2 8 8 2 9 T B OURCE 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80				
EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10) During normal operation at 1140 and again at 1100 on 10-12-82 while				
0 3 attempting to parallel #12 Emergency Diesel Generator (EDG) to #21 4KV				
0 4 Bus, the EDG output breaker closed but immediately tripped rendering the				
EDG inoperable (T.S. 3.8.1.1). Troubleshooting was initiated and the EDG				
was started, paralleled and in service at 1420 and 1340 respectively,				
0 7 terminating the event. The redundant EDG's and their output breaker re-				
0 8 mained operable during the event. Similar events: none.				
7 8 9 SYSTEM CODE COUSE SUBCODE COMPONENT CODE SUBCODE SUBCODE COMPONENT CODE SUBCODE SUBCODE COMP. VALVE SUBCODE 0 9 9 10 11 12 13 C K T B R K 14 A 15 Z 16 10 9 10 11 12 13 C K T B R K 14 A 15 Z 16 10 11 12 13 C K T B R K 14 A 15 Z 16 10 11 12 13 14 0 19 Z 20 2				
Troubleshooting revealed the cause for these events to be misaligned				
[1] contacts of the bus disconnect switch's key switch assembly; switch not				
12 fully positioned to clear trip signal. Reason for the key switch to be				
1 3 out of position is unknown. An engineering review will be conducted to				
1 4 determine appropriate preventive action, followed by an updated report. 7 8 9 80				
FACILITY STATUS % POWER OTHER STATUS (30) METHOD OF DISCOVERY DISCOVERY DISCOVERY 1 5 6 10 0 0 0 0 0 0 7 8 9 10 12 13 44 45 46 0				
ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY 35 1 6 Z 33 Z 34 N/A 44 45 LOCATION OF RELEASE 36 N/A 80				
PERSONNEL EXPOSURES NUMBER TYPE 0 0 0 0 37 Z 38 DESCRIPTION 39 N/A 80				
1 8 9 11 12 N/A 80				
TYPE DESCRIPTION TYPE DESCRIPTION 7 8 9 10 PUBLICITY (1) 80 80 NRC USE ONLY				
2 0 N 44 N/A S PDR ADDCK 05000318 PDR ADDCK 05000318				
7 8 9 10 68 89 80				

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.