

TOLEDO EDISON COMPANY
DAVIS-BESSE NUCLEAR POWER STATION UNIT ONE
SUPPLEMENTAL INFORMATION FOR LER NP-33-82-45

DATE OF EVENT: August 23, 1982

FACILITY: Davis-Besse Unit 1

IDENTIFICATION OF OCCURRENCE: Failure of 4160 VAC circuit breaker AD108.

Conditions Prior to Occurrence: The unit was in Mode 3 with Power (MWT) = 0 and Load (Gross MWE) = 0.

Description of Occurrence: During the performance of the Component Cooling Water (CCW) Monthly Surveillance Test ST 5074.01, which involved the racking in and out of breakers, operations personnel attempted to start CCW Pump 1-3. The circuit breaker installed in cubicle AD108 did not close, the pump did not start, and the station entered the action statement of Technical Specification 3.7.3.1. CCW Pump 1-2 was started immediately, and the station was removed from the action statement.

Designation of Apparent Cause of Occurrence: The apparent cause of this occurrence was an interlock in the breaker control circuitry which would not allow the breaker to remain closed because of an adjustment between the floor closing interlock lever and the closing trigger.

Analysis of Occurrence: There was no danger to the health and safety of the public or to station personnel. The redundant CCW train was fully operational.

Corrective Action: The gap between the floor closing interlock lever and the closing trigger was adjusted per Maintenance Work Order 82-2241. The breaker was racked in and cycled numerous times prior to declaring it operable on August 30, 1982. This adjustment which is sensitive to the number of times the breaker is racked in and out, will be checked on all breakers when racking in per Revision 1 to Maintenance Instruction E-80.

Failure Data: Previous occurrences of a CCW pump failing to start due to a breaker problem were reported in Licensee Event Reports NP-33-79-144 (79-124) and NP-33-82-07 (82-006).

LER #82-040