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TOLEDO EDISON COMPANY
DAVIS-BESSE NUCLEAR POWER STATION UNIT ONE
SUPPLEMENTAL INFORMATION FOR LER NP-33-81-56

DATE OF EVENT: July 27, 1981

FACILITY: Davis-Besse Unit 1

IDENTIFICATION OF OCCURRENCE: Decay Heat (DH) Pump 1-1 failed to start during a surveillance test procedure

Conditions Prior to Occurrence: The unit was in Mode 1 with Power (MWT) = 2763 and Load (Gross MWE) = 923

Description of Occurrence: On July 27, 1981 at 1005 hours, a control room operator attempted to start DH Pump 1-1 for Surveillance Test ST 5051.10. The pump did not start, and the electricians were called to investigate. In the process of troubleshooting, it was determined that no control power was available to the breaker. Further voltage checks showed the loss of voltage was at the control power fuse block. A visual inspection revealed a bent plug-in on the removable fuse cartridge.

The applicable Technical Specification 3.5.2 requires both low pressure injection/ DH pumps to be operable in Mode 1. Therefore, the station did enter into an action statement. The pump was returned to service within the action statement time limit, therefore no unit power reduction was required.

Designation of Apparent Cause of Occurrence: The cause of the DH Pump 1-1 failing to start can be attributed to personnel error in that the failed component was improperly handled during some previous operation causing the removable fuse cartridge plug-in to be bent.

Analysis of Occurrence: There was no danger to the health and safety of the public or to station personnel. DH Pump 1-2 was operable during this time.

Corrective Action: The removable fuse cartridge plug-in was straightened to be in proper alignment with the fuse switch block under Maintenance Work Order 81-2925. The breaker was tested satisfactorily and returned to service. When available, a new fuse cartridge will be installed under Maintenance Work Order 81-2926. Inspection of other breaker cubicles was conducted, and it was determined that the problems were not repetitive in nature.

Failure Data: Two previous reported occurrences of the DH pump failing to start were reported in Licensee Event Reports NP-33-78-13 (78-011) and NP-33-81-03 (81-03).