

TOLEDO EDISON COMPANY
DAVIS-BESSE NUCLEAR POWER STATION UNIT ONE
SUPPLEMENTAL INFORMATION FOR LER NP-33-80-30

DATE OF EVENT: March 13, 1980

FACILITY: Davis-Besse Unit 1

IDENTIFICATION OF OCCURRENCE: Diesel Fire Pump failed its weekly surveillance test

Conditions Prior to Occurrence: The unit was in Mode 1, with Power (MWT) = 1996, and Load (Gross MWE) = 670.

Description of Occurrence: At 0705 hours on March 13, 1980 while performing ST 5016.01, Diesel Fire Protection System Pump Weekly Test, the operator experienced problems with the control of the pump. When he attempted to stop the pump using the stop button at the local control panel, the pump continued to run (the main control selector switch was in automatic). The operator had to turn the main selector switch to off to stop the pump. Then by returning the switch to automatic the pump started and ran for approximately two minutes before shutting itself off. Further attempts to start the pump were unsuccessful. The diesel fire pump was declared inoperable.

The unit entered the action statement of Technical Specification 3.7.9 which requires the one inoperable pump be restored to operable status within 7 days or submit a special report within the next 30 days outlining plans to be used to provide redundancy in this system.

Designation of Apparent Cause of Occurrence: A scheme check was made but did not locate the source of the problem. It was then decided to run the pump to try to cause the condition to recur. However, everything ran properly, and the original problem condition did not recur. The pump was started and stopped four times without further problems. Therefore, the cause of this occurrence is assumed to be an intermittent problem which cleared itself. The problem has not recurred during the next three weekly test runs.

Analysis of Occurrence: There was no danger to the health and safety of the public or to station personnel. The electric fire pump was operable if an incident requiring the fire protection system had occurred.

Corrective Action: Under Maintenance Work Order 80-1786 a scheme check was performed and nothing was found to have caused the problem. The diesel fire pump was started four successive times from the control room and the diesel functioned properly.

On March 15, 1980, Surveillance Test ST 5016.01 (weekly surveillance test) was completed and the diesel fire pump declared operable. This removed the unit from the action statement of Technical Specification 3.7.9.1.

Since this occurrence, the Weekly Surveillance Test (ST 5016.01) has been performed successfully during the next three weeks with no system malfunction.

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Failure Data: There have been no previous similar reportable occurrences.

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