



TOLEDO EDISON COMPANY  
DAVIS-BESSE NUCLEAR POWER STATION UNIT ONE  
SUPPLEMENTAL INFORMATION FOR LER NP-33-80-34

DATE OF EVENT: March 30, 1980

FACILITY: Davis-Besse Unit 1

IDENTIFICATION OF OCCURRENCE: Smoke Detector DS8656 in alarm and would not clear

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

Description of Occurrence: At approximately 0200 hours on March 30, 1980, Smoke Detector DS8656 went into alarm and would not clear even after investigation showed there was no smoke in area of the detector. The detector was declared inoperable and an hourly fire watch was established per the action statement of Technical Specification 3.3.3.8. The technical specification requires the fire detection instrumentation for this fire detector zone to be operable when the equipment in that zone is required to be operable. This detector is above motor control center EllB which must be operable in this mode.

On April 6, 1980 at 1952 hours, the same detector DS8656 again alarmed and would not clear. It was declared inoperable and the station entered the action statement of Technical Specification 3.3.3.8. The hourly fire watch was established.

Designation of Apparent Cause of Occurrence: The cause of both occurrences was due to dirty contacts in the detector. The detector was removed from its base and its contacts cleaned. The detector was then returned to its base where it properly responded to a simulated smoke test.

Analysis of Occurrence: There was no danger to the health and safety of the public or to station personnel. The established fire watch precluded any adverse effects.

Corrective Action: Removed detector from base and inspected and cleaned contacts, then returned detector to base and cleared alarm. Tested detector satisfactorily with simulated smoke and declared it operable removing the station from the action statement of Technical Specification 3.3.3.8 at 1130 hours on March 30, 1980.

The second failure was corrected also by cleaning the contacts. The detector was tested satisfactorily and declared operable at 2200 hours on April 6, 1980.

Failure Data: Previous failures of detectors were reported in Licensee Event Reports NP-33-79-22 (79-017) and NP-33-79-66 (79-063).

LER #80-026