

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

POOR ORIGINAL

TOLEDO EDISON COMPANY
DAVIS-BESSE NUCLEAR POWER STATION UNIT ONE
SUPPLEMENTAL INFORMATION FOR LER NP-33-79-54

DATE OF EVENT: April 9, 1979

FACILITY: Davis-Besse Unit 1

IDENTIFICATION OF OCCURRENCE: Control Room Emergency Ventilation System (EVS)
Damper HV5311A was found to be improperly operating

Conditions Prior to Occurrence: The unit was in Mode 5, with Power (MWT) = 0, and Load (Gross MWE) = 0.

Description of Occurrence: At 0500 hours on April 9, 1979, a Control Room Emergency Ventilation Damper, HV5311A, stuck in the open position during the performance of the Control Room Emergency Ventilation System Monthly Surveillance Test ST 5076.01. This is one of two dampers on the line that sends air from the normal air system to the Control Room 505, Computer Room 510, Shift Foreman Office 511, Computer Programmers Office 512, and a corridor. During a second attempt, the damper closed sluggishly. Being in Mode 5 at the time, no action statement was entered.

The damper was removed from service, repaired by a manufacturer's representative, and finally returned to service on May 1, 1979. This occurrence is being reported to document a component failure.

Designation of Apparent Cause of Occurrence: The damper shaft was tight in one of the brass bushings preventing free operation of the damper. It appears that moisture from the normal air humidifiers located above the dampers is speeding the corrosion of the damper shafts creating interference with the bushings as well as collecting dirt and deteriorating the painted surfaces in the dampers.

Analysis of Occurrence: There was no danger to the health and safety of the public or to station personnel. This damper is redundant in the normal air system which is isolated when the EVS is actuated. The unit was in Mode 5 when the failure occurred, and neither EVS train was required.

Corrective Action: The damper was removed from service and reconditioned by a manufacturer representative per Maintenance Work Order 79-1840. The damper was tested for response time per ST 5076.03 (Control Room EVS Refueling Test) and returned to service on May 1, 1979.

Facility Change Request 79-199 has been completed which changed control room isolation damper shafts on HV5301A&B and HV5311A&B to stainless steel which will prolong damper shaft bushing life.

Failure Data: There have been previous failures of Control Room EVS dampers, see Licensee Event Reports NP-33-77-95 and NP-33-73-123.