

CONTROL BLOCK:

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 ① (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

GPO 917-926

TOLEDO EDISON COMPANY
DAVIS-BESSE NUCLEAR POWER STATION UNIT ONE
SUPPLEMENTAL INFORMATION FOR LER NP-33-83-41

DATE OF EVENT: July 6, 1983

FACILITY: Davis-Besse Unit 1

IDENTIFICATION OF OCCURRENCE: Door 306 was found partially open

Conditions Prior to Occurrence: The unit was in Mode 1, with Power (MWt) = 2005 and Load (Gross MWe) = 666.

Description of Occurrence: On July 6, 1983 at 1215 hours, an operator making his rounds found door 306, the access door to the Fuel Handling Area, partially ajar. This door is both a fire barrier and a negative pressure boundary door.

This occurrence is being reported under Technical Specifications 3.9.12 and 3.7.10. Technical Specification 3.9.12 requires two independent Emergency Ventilation System (EVS) trains to be operable whenever fuel is in the Spent Fuel Storage Pool. With door 306 partially open, the effectiveness of the EVS in the Spent Fuel Pool Area would be reduced in the event the EVS was activated. Technical Specification 3.7.10 requires all fire barriers to be functional at all times.

Designation of Apparent Cause of Occurrence: It was found that the closure mechanism was in need of adjustment and that the coordinator of this double door was faulty, preventing the normally used door from closing completely.

Analysis of Occurrence: There was no danger to the health and safety of the public or station personnel. Smoke detector instruments and sprinklers are located in the area and would have provided adequate protection had a fire occurred. Also, both EVS trains were operable and capable of drawing a suction in the Spent Fuel Pool/Fuel Handling Area. Only the effectiveness of the EVS in drawing down the area to 1/8" water gauge was reduced.

Corrective Action: Upon discovery, the operator immediately closed the door, removing the unit from the action statements.

Station Services replaced the coordinator and adjusted the closure to allow it to work properly. Under Maintenance Work Order 83-3871 a temporary audible alarm has been installed on door 306 to aid personnel in realizing when the door does not completely close. Temporary audible alarms will be placed on three other negative pressure boundary/fire doors that have experienced numerous similar failures.

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Failure Data: Previous similar occurrences of fire and negative pressure boundary doors being found open due to the failure of the closure mechanism have been reported in Licensee Event Reports NP-33-81-06 (81-007), NP-33-81-47 (81-042), NP-33-82-041 (82-003), NP-33-83-48 (82-043), NP-33-83-08 (83-006), and NP-33-83-29 (83-021).

LER #83-035



August 4, 1983

Log No. K83-1097
File: RR2 (NP-33-83-41)

Docket No. 50-346
License No. NPF-3

Mr. James G. Keppler
Regional Administrator, Region III
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Dear Mr. Keppler:

LER No. 83-035
Davis-Besse Nuclear Power Station Unit 1
Date of Occurrence: July 6, 1983

Enclosed are three copies of Licensee Event Report 83-035 which are being submitted in accordance with Technical Specification 6.9 to provide 30 day written notification of the subject occurrence.

Yours truly,

Terry D. Murray
Station Superintendent
Davis-Besse Nuclear Power Station

TDM/ljk

Enclosures

cc: Mr. Richard DeYoung, Director
Office of Inspection and Enforcement
Encl: 30 copies

Mr. Norman Haller, Director
Office of Management and Program Analysis
Encl: 3 copies

Mr. Walt Rogers
NRC Resident Inspector
Encl: 1 copy

AUG 08 1983

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