

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Davis-Besse Unit 1										DOCKET NUMBER (2) 0 5 0 0 0 3 4 6 1				PAGE (3) 1 OF 0 2										
TITLE (4) Fire doors not conforming to NFPA 80, "Code for Fire Doors"																								
EVENT DATE (5)			LER NUMBER (6)				REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)														
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES				DOCKET NUMBER(S)											
0	3	2	1	8	4	8	4	0	0	4	0	0	0	4	2	7	8	4	0	5	0	0	0	
OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)																						
POWER LEVEL (10)		20.402(b)				20.406(c)				50.73(a)(2)(iv)				73.71(b)										
0 1 9 4		20.406(a)(1)(i)				50.36(c)(1)				50.73(a)(2)(v)				73.71(c)										
		20.406(a)(1)(ii)				50.36(c)(2)				50.73(a)(2)(vi)				XX OTHER (Specify in Abstract below and in Text, NRC Form 366A)										
		20.406(a)(1)(iii)				50.73(a)(2)(i)				50.73(a)(2)(viii)(A)														
		20.406(a)(1)(iv)				50.73(a)(2)(ii)				50.73(a)(2)(viii)(B)														
		20.406(a)(1)(v)				50.73(a)(2)(iii)				50.73(a)(2)(ix)														
LICENSEE CONTACT FOR THIS LER (12)																								
NAME Russ Ebersole										TELEPHONE NUMBER AREA CODE 4 1 9 2 5 9 - 5 0 0 0														
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																								
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPD		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPD														
B	A	B	D	R	S	3	9	1	N															
SUPPLEMENTAL REPORT EXPECTED (14)												EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR								
YES (If yes, complete EXPECTED SUBMISSION DATE) XX NO																								

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

A fire door survey per PM 1094 revealed that doors did not meet NFPA 80, "Code for Fire Doors" standards of 1/8 inch frame and door and 3/4 inch frame and bottom of door maximum clearance. Maintenance Work Order (MWO) 1-84-1013-01 was prepared to repair the doors. Vicon Supply Company is furnishing the required "F-Rated" gasket material to be used on the fire doors not in conformance to satisfy the requirements of NFPA 80. Work has begun and is expected to be completed July 31, 1984.

This Special Report is being submitted in accordance with Technical Specification 6.9.2.g which requires a report whenever a fire door cannot be restored to functional status within seven days.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES 8/31/85

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
Davis-Besse Unit 1	0 5 0 0 0 3 4 6	8 4	— 0 0 4	— 0 0	0 2	OF 0 2

TEXT (If more space is required, use additional NRC Form 366A's) (17)

Description of Occurrence: The NRC conducted an onsite audit of Davis-Besse Nuclear Power Station Unit 1 during the week of July 25-29, 1983. The purpose of this audit was to ascertain whether the plant was in compliance with Sections IIIC, IIJ, IIII and IIIL of Appendix R of 10CFR50. One of the findings identified that several fire doors did not bear a U.L. label and, consequently, were not able to function as a fire barrier relative to the requirements of 10CFR50, Appendix R.

As part of a long term review plan to address Appendix R, Toledo Edison committed to review the adequacy of all fire barriers that protect safety related equipment throughout Davis-Besse Unit 1. This effort began with a field walkdown to verify that identified fire doors met the requirements of NFPA 80, "Code for Fire Doors", and to determine the effects, if any, of field modifications to the doors for security or other purposes.

The field walkdown concluded that approximately 56 fire doors had excessive gap clearances either between the edge of the door and the door frame, or the bottom of the door assembly and the floor. These potential non-compliances to the requirements of NFPA 80 were addressed in detail and thoroughly documented under Non-Conformance Report (NCR) 84-0011.

During this evaluation, it was noted that the fire doors identified during the field walkdown did not meet strict code compliance and per Technical Specification 3.7.10 they were declared inoperable at 1430 hours on March 21, 1984. Toledo Edison immediately carried out the actions required by Technical Specification 3.7.10.

Designation of Apparent Cause of Occurrence: The non-compliance to NFPA 80 occurred during construction/installation or by a subsequent plant modification.

Analysis of Occurrence: Due to the excessive gap in the door to frame and bottom of door to floor clearance, the fire doors do not meet the rigid code requirements of NFPA 80. Due to the nature of the deviations from NFPA code requirements and the relatively low combustible loading on either side of the affected barriers, Toledo Edison feels confident that the doors would still perform their intended safety function.

Corrective Action: The initial action taken for this event was to establish roving fire barrier watches per Technical Specification 3.7.10 and AD 1810.00 Section 10. The doors will be repaired using a gasket material in accordance with U.L. specifications and standards to reduce the dimensions of the excessive gaps. Engineering analysis has been performed to verify that repaired doors will comply with NFPA 80 standards. The work will be performed under MWO 1-84-1013-01. Parts and materials are currently on order. Expected completion date of corrective actions is July 31, 1984.

Failure Data: No similar occurrences have been reported.

Report No: NP-33-84-04

DVR No(s): 84-050



April 27, 1984

Log No. K84-470
File: RR 2 (NP-33-84-04)

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

U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, D. C. 20555

Gentlemen:

LER No. 84-004
Davis-Besse Nuclear Power Station Unit 1
Date of Occurrence: March 21, 1984

Enclosed is Licensee Event Report 84-004, which is being submitted in accordance with 10CFR50.73, to provide 30 day written notification of the subject occurrence.

The system code for component failures was taken from the old LER instruction book since the new IEEE-805 is not yet available.

Yours truly,

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

TDM/ljk

Enclosure

cc: Mr. James G. Keppler,
Regional Administrator,
USNRC Region III

Mr. Walt Rogers
DB-1 NRC Resident Inspector

JCS/001

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