

CONTROL BLOCK: _____ (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

7 8 9 O H D B S I 14 15 - 25 26 4 1 1 1 1 4 57 CAT 58

LICENSEE CODE LICENSE NUMBER LICENSE TYPE

CON'T

0	1
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REPORT SOURCE

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60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

(NP-33-82-76) On November 16, 1982 at 1630 hours, fire door 509, the Control Room access door and door 512, the Central Alarm Station (CAS) access door, were declared non-functional due to the improper fire rating labels on these doors. This placed the unit in the action statement of Technical Specification 3.7.10. There was no danger to the health and safety of the public or station personnel. This event did not affect the operation of the plant, and there was no degradation to the fire protection detection/suppression systems.

09		SYSTEM CODE A B		11	CAUSE CODE B		12	CAUSE SUBCODE A						13	COMPONENT CODE Z Z Z Z Z Z						14	COMP. SUBCODE Z		15	VALVE SUBCODE Z		16
7	8	9	10		11	12	12	12	13	13	13	13	13	13	13	13	14	18	19	19	20	20					
17		LER/RO REPORT NUMBER		EVENT YEAR 8 2		21	22	SEQUENTIAL REPORT NO. 0 6 1		24	25	26	OCCURRENCE CODE 0 3		28	29	REPORT TYPE X		30	REVISION NO. 1		32					
21	22	23	23	24	25	26	27	28	29	30	31	32	32	32	32	32	32	32	32	32	32	32	32	32			
ACTION TAKEN C		FUTURE ACTION Z		EFFECT ON PLANT Z		SHUTDOWN METHOD Z		HOURS 0 0 0 0		22	ATTACHMENT SUBMITTED Y		23	NPRD-4 FORM SUB. N		24	PRIME COMP. SUPPLIER Z		25	COMPONENT MANUFACTURER 9 9 9 9		26					
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57			

1 0 The cause of this occurrence was a design error in that the manufacturer, Protective
1 1 Materials Company, incorrectly affixed the fire rating labels on doors 509 and 512.
1 2 The station had previously established an hourly fire watch with concurrence from NRC
1 3 Region III on these doors since 10/6/82. FCR 83-009 Revision B will replace door 512
1 4 and upgrade fire walls to change the fire boundaries.

FACILITY STATUS		% POWER		OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION				
1	5	E	28	0	9	9	29	NA	D	31	10CFR Part 21 Report from Wisc. P.S.C.	32

8		9		10		12		13		44		45		46		80	
ACTIVITY CONTENT																	
RELEASED OF RELEASE						AMOUNT OF ACTIVITY (35)						LOCATION OF RELEASE (36)					
1	6	Z	(33)	Z	(34)	NA						NA					

PERSONNEL EXPOSURES

NUMBER	TYPE	DESCRIPTION
(1)	(1)	(1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) (14) (15) (16) (17) (18) (19) (20) (21) (22) (23) (24) (25) (26) (27) (28) (29) (30) (31) (32) (33) (34) (35) (36) (37) (38) (39) (40) (41) (42) (43) (44) (45) (46) (47) (48) (49) (50) (51) (52) (53) (54) (55) (56) (57) (58) (59) (60) (61) (62) (63) (64) (65) (66) (67) (68) (69) (70) (71) (72) (73) (74) (75) (76) (77) (78) (79) (80) (81) (82) (83) (84) (85) (86) (87) (88) (89) (90) (91) (92) (93) (94) (95) (96) (97) (98) (99) (100)

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PERSONNEL INJURIES																																																																															
NUMBER DESCRIPTION																																																																															

[illegible]

1 9 2 (42) NA 10 8505070496 850422... NBC USE ONLY

ISSUED DESCRIPTION (45) PDR ADDCK 05000346 NRC USE ONLY
S PDR

7 8 9 10 68 69 80

R 82-143 NAME OF PREPARER Tom Hart/Lynn Richter/Jan Stotz PHONE 419-249-5000, Ext. 372

TOLEDO EDISON COMPANY
DAVIS-BESSE NUCLEAR POWER STATION UNIT ONE
SUPPLEMENTAL INFORMATION FOR LER NP-33-82-76

DATE OF EVENT: November 16, 1982

FACILITY: Davis-Besse Unit 1

IDENTIFICATION OF OCCURRENCE: Fire doors 509 and 512 were found to have improper fire rating labels affixed.

Conditions Prior to Occurrence: The unit was in Mode 1, with Power (MWT) = 2745 and Load (Gross MWE) = 918

Description of Occurrence: On November 16, 1982 at 1630 hours, fire door 509, the Control Room access door, and door 512, the Central Alarm Station (CAS) access door were declared non-functional based on the possible inability of these doors to serve as fire barriers due to improper fire rating labels. This action was the result of an investigation initiated in March of 1982 by Toledo Edison and the NRC concerning the validity of the fire rating labels on doors 509 and 512. The investigation was prompted by a 10CFR Part 21 report from Wisconsin Public Services Corporation concerning the difficulty they experienced in obtaining Underwriters Laboratories (U.L.) fire rating labels for their fire and bullet resistive doors furnished by Protective Materials Company. Doors 509 and 512 were also manufactured by Protective Materials Company.

With doors 509 and 512 possibly non-functional, the station entered the action statement of Technical Specification 3.7.10 which requires the establishment of a continuous fire watch on one side of the non-functional fire barrier within one hour. The station had previously established an hourly fire watch (with concurrence from NRC Region III) on these doors since October 6, 1982 at 1615 hours.

After a conversation with Luis Reyes, Chief, Section 2b Project Branch, Nuclear Regulatory Commission, on November 16, 1982, it was confirmed that continuing the hourly fire watch would be sufficient to satisfy the action statement. This determination was made after consideration of the traffic flow through door 509 and the fact that the room protected by door 512 is manned continuously.

Designation of Apparent Cause of Occurrence: The cause of this occurrence was a design error in that Protective Materials Company incorrectly affixed the fire rating labels on doors 509 and 512. In June 1981, Toledo Edison initiated a purchase order to Protective Materials Company for one service representative to inspect door 509 for proper installation and to provide a certificate that the door as installed met the U.L. fire rating requirements and the requirement for bullet resistancy (U.L. Standard 752). A similar purchase order was initiated in October of 1981 to have the same services performed for door 512. Investigation also revealed that the service representative from Protective Materials Company affixed U.L. three-hour fire labels to doors 509 and 512 during the inspection

requested by Toledo Edison. The actions by the service representative were in error since a manufacturer cannot independently put fire rating labels on a door in the field, only at the point of manufacture where a U.L. inspector has witnessed and verified the construction of a door.

Analysis of Occurrence: There was no danger to the health and safety of the public or station personnel. The event did not affect the operation of the plant, and there was no degradation to the fire protection detection/suppression systems. In addition, the doors satisfy their bullet proof requirement, such that compensatory measures by the Security Plan was not required.

1 | Corrective Action: Toledo Edison initiated Facility Change Request (FCR) 83-009 to obtain new doors which would meet the U.L. standards, but found the approach to be cost prohibitive for Door 509, which is a double leaf door assembly. FCR 83-009 Revision B has been written to resolve the problem by reducing the scope of the original FCR to the replacement of Door 512 with a Class A, bullet resistant, airtight, security door, and the inclusion of Rooms 508, 509, 510, 511, 512, and 513 in the Control Room fire area boundary. Door 509 will no longer be a fire barrier and would require no further modification.

Failure Data: There have been no previous similar occurrences.

LER #82-061



April 22, 1985

Log No. K85-650
File: RR 2 (NP-33-82-76)

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

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

Gentlemen:

Enclosed is Revision 1 to Licensee Event Report 82-061. The revisions to the report are indicated by a "1" in the left margin of each page.

Please destroy your previous copy of this report and replace with the attached revision.

Yours truly,

Stephen M. Quennoz
Plant Manager
Davis-Besse Nuclear Power Station

SMQ/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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