



A Senior Energy Company

EDISON PLAZA
300 MADISON AVENUE
TOLEDO, OHIO 43652-0001

AB-92-035
NP-33-92-005

Docket No. 50-346

License No. NPF-3

July 17, 1992

United States Nuclear Regulatory Commission
Document Control Desk
Washington, D. C. 20555

Gentlemen:

LER 92-005
Davis-Besse Nuclear Power Station, Unit No. 1
Date of Occurrence - June 19, 1992

Enclosed please find Licensee Event Report 92-005, which is being submitted to provide 30 days written notification of the subject occurrence. This LER is being submitted in accordance with 10 CFR 50.73(a)(2)(B).

Very truly yours,

A handwritten signature in cursive script that reads 'Louis F. Storz'.

Louis F. Storz
Plant Manager
Davis-Besse Nuclear Power Station

LFS/ed

Enclosure

cc: Mr. A. Bert Davis
Regional Administrator
USNRC Region III

Mr. William Levis
DB-1 NRC Sr. Resident Inspector

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PDR ADDCK 05000346
S PDR

Handwritten initials or a signature in the bottom right corner of the page, possibly 'JL' or similar.

LICENSEE EVENT REPORT (LER)

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 500 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE RECORDS AND REPORTS MANAGEMENT BRANCH (P-630) U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20585, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

FACILITY NAME (1): Davis-Besse Unit No. 1 DOCKET NUMBER (2): 0 5 0 0 0 3 4 1 6 PAGE (3): 1 OF 0 3

TITLE (4): Hourly Fire Watch Patrol Exceeded Allowed Interval By Five Minutes

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
06	19	92	92	005	00	07	17	92	
								DOCKET NUMBER(S): <u>0 5 0 0 0</u>	
								DOCKET NUMBER(S): <u>0 5 0 0 0</u>	

OPERATING MODE (9): 1

POWER LEVEL (10): 1100

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5 (Check one or more of the following) (11):

<input type="checkbox"/> 20.402(b)	<input type="checkbox"/> 20.405(c)	<input type="checkbox"/> 50.73(a)(2)(iv)	<input type="checkbox"/> 73.71(b)
<input type="checkbox"/> 20.405(a)(1)(v)	<input type="checkbox"/> 50.38(c)(1)	<input type="checkbox"/> 50.73(a)(2)(vi)	<input type="checkbox"/> 73.71(c)
<input type="checkbox"/> 20.405(a)(1)(iv)	<input type="checkbox"/> 50.38(c)(2)	<input type="checkbox"/> 50.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)
<input type="checkbox"/> 20.405(a)(1)(iii)	<input checked="" type="checkbox"/> 50.73(a)(2)(ii)	<input type="checkbox"/> 50.73(a)(2)(viii)(A)	
<input type="checkbox"/> 20.405(a)(1)(ix)	<input type="checkbox"/> 50.73(a)(2)(iii)	<input type="checkbox"/> 50.73(a)(2)(viii)(B)	
<input type="checkbox"/> 20.405(a)(1)(vi)	<input type="checkbox"/> 50.73(a)(2)(iv)	<input type="checkbox"/> 50.73(a)(2)(ix)	

LICENSEE CONTACT FOR THIS LER (12):

NAME: K. A. Filar, Engineer - Nuclear Licensing TELEPHONE NUMBER: 4119 312111-1741011

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13):

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRRDS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRRDS

SUPPLEMENTAL REPORT EXPECTED (14):

YES (If yes, complete EXPECTED SUBMISSION DATE): NO: X

EXPECTED SUBMISSION DATE (15): MONTH DAY YEAR

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

On June 19, 1992, at 1715 hours, an hourly fire watch of inoperable fire barriers 235E/124W and 235N/236S exceeded the allowable interval. The hourly fire watch patrol was conducted at 1720 hours and was five minutes late. This was a condition prohibited by Technical Specification (TS) 3.7.10, Action a.2.

The fire barriers are fire detector actuated water curtains and were declared inoperable due to performance of a fire detection surveillance test. An Instrument and Control (I&C) maintenance technician was assigned the responsibility of performing the fire watch in accordance with the TS action statement. Upon realizing that the required interval had passed, the technician immediately performed the patrol and notified the control room shift manager of the delinquent fire watch.

This event, and the importance of the fire watch patrol due to an inoperable fire barrier during surveillance or maintenance has been reiterated with the individual and was discussed with I&C maintenance personnel in their July 7, 1992 unit shop meeting.

LICENSEE EVENT REPORT (LER)
TEXT CONTINUATION

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 500 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE RECORDS AND REPORTS MANAGEMENT BRANCH (P-830) U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

FACILITY NAME (1)

DOCKET NUMBER (2)

LER NUMBER (8)

PAGE (3)

Davis-Besse Unit No. 1

0 5 0 0 0 3 4 6

YEAR	SEQUENTIAL NUMBER	REVISION NUMBER
92	005	00

02 OF 03

TEXT (If more space is required, use additional NRC Form 365A's) (17)

Description of Occurrence:

On June 19, 1992, at 1715 hours, an hourly fire watch of inoperable fire barriers 235E/124W and 235N/236S exceeded the allowable interval. These fire barriers are fire detector actuated water curtains. The barriers had been declared inoperable to support the performance of DB-MI-03816, "Channel Functional Test of Accessible Detectors and Supervisory Circuits for Panel C2720." An hourly fire watch patrol was required by TS 3.7.10 Action a.2 due to the inoperable fire barriers. The patrol was not performed until 1720 hours, which exceeded the allowable interval by five minutes.

This is reportable under 10CFR50.73(a)(2)(i)(B) as a condition prohibited by the Technical Specifications.

Apparent Cause of Occurrence:

The I&C maintenance technician responsible for the fire watch was aware of the patrol requirement and had been properly trained in the duties and responsibilities of a fire watch. The technician was assigned to the second shift of continuous maintenance service and was not engaged in other activities during this event. Upon realizing that the required interval had passed, the technician immediately performed the patrol and notified the control room shift manager of the delinquent fire watch. The cause of this occurrence is personnel error since the technician did not conduct the watch as required.

Analysis of Occurrence:

The hourly fire watch patrols are used as compensatory measures when TS fire barriers are declared inoperable with operable fire detection on at least one side. The fire detection on at least one side of the barriers still provides early warning of a fire in the area; or that fire has penetrated through a barrier. The hourly fire watch patrol provides additional early detection of a fire. Therefore, being five minutes late for performing an hourly fire watch patrol had minimal safety significance.

LICENSEE EVENT REPORT (LER)
TEXT CONTINUATION

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST, 50.0 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE RECORDS AND REPORTS MANAGEMENT BRANCH (F-630), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20586, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20603.

FACILITY NAME (1) Davis-Besse Unit No. 1	DOCKET NUMBER (2) 0 5 0 0 0 3 4 6	LER NUMBER (6)			PAGE (3)	
		YEAR 9 2	SEQUENTIAL NUMBER - 0 0 5	REVISION NUMBER - 0 0	OF 0 3	OF 0 3

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

Corrective Action:

This event, and the importance of the fire watch patrol due to an inoperable fire barrier during surveillance or maintenance has been reiterated with the individual and was discussed with I&C maintenance personnel in their July 7, 1992 unit shop meeting.

Failure Data:

The current fire watch training and performance program was constructed in 1988. Since that time, there has only been one other LER (89-013) submitted for a late fire watch due to personnel error.

Report No.: NP-33-92-005

PCAQR No.: 92-G264