

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Davis-Besse Unit 1	DOCKET NUMBER (2) 0 5 0 0 0 3 1 4 6	PAGE(S) 1 OF 0 3
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TITLE (4)
Incorrect Termination of a Continuous Fire Watch Following Maintenance

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 4	0 8	8 8	8 8	0 1 1	0 0	0 5	2 7	8 8			0 5 0 0 0
<small>THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)</small>											

OPERATING MODE (9) 5	20.402(b)	20.408(a)	60.73(a)(2)(iv)	73.71(b)
POWER LEVEL (10) 0 0 0	20.408(a)(1)(v)	60.38(a)(1)	60.73(a)(2)(v)	73.71(a)
	20.408(a)(1)(vi)	60.38(a)(2)	60.73(a)(2)(viii)	OTHER (Specify in Abstract below and in Text, NRC Form 308A)
	20.408(a)(1)(vii)	X 60.73(a)(2)(i)	60.73(a)(2)(viii)(A)	
	20.408(a)(1)(viii)	60.73(a)(2)(ii)	60.73(a)(2)(viii)(B)	
	20.408(a)(1)(ix)	60.73(a)(2)(iii)	60.73(a)(2)(ix)	

LICENSEE CONTACT FOR THIS LER (12)

NAME Charles S. Gordon, Senior Nuclear Specialist	TELEPHONE NUMBER 4 1 1 9 2 4 9 1 - 5 1 0 1 0
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COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS
				N					

SUPPLEMENTAL REPORT EXPECTED (14)

<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE) <input checked="" type="checkbox"/> NO	EXPECTED SUBMISSION DATE (15) MONTH DAY YEAR
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ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

On April 8, 1988 following maintenance on Fire Door 422, the Shift Supervisor incorrectly declared Fire Door 422 operable and terminated the continuous fire watch for Fire Barrier AB1-N/422S. On April 28, 1988 during a subsequent review of the surveillance test used for post-maintenance testing, Fire Protection personnel noted that only selected portions of the surveillance test were performed. These portions of the surveillance procedure only tested the maintenance that was performed but did not confirm the complete Technical Specification operability surveillance requirements that were past due.

Fire Protection personnel contacted the Shift Supervisor and a continuous fire watch was re-established at 1315 hours on April 28, 1988.

Operations Management will discuss this incident with the Shift Supervisors to emphasize the methodology to declare systems operable following maintenance. This occurrence is being reported according to 10CFR50.73(a)(2)(i).

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FACILITY NAME (1) Davis-Besse Unit 1	DOCKET NUMBER (2) 0 5 0 0 0 3 4 6 8 8	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
		88	011	00	02	OF 03

TEXT (If more space is required, use additional NRC Form 368A's) (17)

Description of Occurrence:

On April 7, 1988 at approximately 1300 hours, Maintenance Work Order (MWO) 2-86-0431-00 was started on Fire Door 422. Upon completion of the maintenance the fire door was satisfactorily retested according to post maintenance testing requirements described in the MWO and surveillance test DB-FP-03028 step 8.1.3. Fire Door 422 was declared operable by the Shift Supervisor and the continuous fire watch was terminated at 1700 hours on April 8, 1988.

On April 28, 1988 during a review of the test results for surveillance test DB-FP-03028, Fire Protection personnel noticed that only a partial Surveillance Test was performed on Fire Door 422. This partial surveillance test tested that portion of the door subject to the maintenance performed, but did not verify the complete operability of Fire Door 422. Testing for complete operability was required because the 18 month surveillance test for Fire Door 422 had exceeded its Technical Specification late date. The Shift Supervisor was notified and a continuous fire watch was posted at Fire Door 422 at 1315 hours on April 28, 1988.

At approximately 1600 hours on April 28, 1988 DB-FP-03028 was performed satisfactorily in its entirety and Fire Door 422 was declared operable. Subsequently at 1628 the continuous fire watch was terminated.

This occurrence is being reported according to 10CFR50.73(a)(2)(1).

Designation of Apparent Cause of Occurrence:

This occurrence was caused by the Shift Supervisor not determining the correct operability status of door 422 following maintenance because he did not consult the Critical Surveillance Test Report as part of his operability determination for Door 422. This report identifies all surveillance tests past their Technical Specification late date.

Analysis of Occurrence:

Fire Door 422 is located between stairwell AB-1 and vestibule Room 423 in a frequently traveled area and would be observed often providing early detection of a fire. Both areas contain minimal combustible material. Fire Door 422 successfully completed its Surveillance Test on April 28, 1988 and would have been operable during the period of time that the continuous watch was not in place. Therefore, this event has no potential safety significance.

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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Davis-Besse Unit 1	0500034688	88	011	00	03	OF 03

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

Corrective Action:

A continuous fire watch was put in place at Fire Door 422 until Surveillance Test DB-FP-03028 had been performed on Fire Door 422.

Additionally, Operations Management will discuss this incident with the Shift Supervisors to emphasize the methodology to declare systems operable following maintenance. This will be completed by June 30, 1988.

Failure Data:

This is the fourth report of missed continuous fire watches due to personnel error, LERs 87-005, 88-005 and 88-009.

The cause of this LER was not similar to the causes noted in the previous LERs and therefore implementation of their corrective actions would not have prevented this occurrence.

REPORT NO: NP-33-88-12

PCAQ NO(s): 88-0333

May 27, 1988



Log No: KA88-0276
NP-33-88-12

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

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

Gentlemen:

LER No. 88-C11
Davis-Besse Nuclear Power Station Unit No. 1
Date of Occurrence April 8, 1988

Enclosed is Licensee Event Report 88-011, which is being submitted in accordance with 10CFR50.73 to provide 30 day written notification of the subject occurrence.

Yours truly,

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

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

LFS/ed

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

Mr. Paul Byron
DB-1 NRC Resident Inspector

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