

CONTROL BLOCK: | | | | | | | (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CON'T

0	1
7	8

REPORT SOURCE

L	6	0	5	0	0	0	3	4	6	7	1	2	2	4	8	3	8	0	1	2	4	8	4	9
60	61	DOCKET NUMBER						68	69	EVENT DATE						74	75	REPORT DATE						80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 (NP-33-83-104) On 12/24/83 at 0625 hours, the operators received the Borated Water

0 3 Storage Tank (BWST) HI FAIL alarm for Safety Features Actuation System (SFAS) Channel

0 4 1. The operators tripped the BWST low level bistable for SFAS Channel 1 as required

0 5 by Action Statement 9 of T.S. 3.3.2.1. After the installation of additional heaters,

0 6 the transmitter indication returned to normal. Surveillance Tests ST 5099.01 and

0 7 ST 5099.05 were performed on 12/25/83 at 1250 hours, and the transmitter was declared

0 8 operable. There was no danger. Three remaining BWST channels were operable.

7 8

SYSTEM CODE  
I B (11)  
9 10

CAUSE CODE  
D (12)  
11

CAUSE SUBCODE  
Z (13)  
12

COMP. SUBCODE  
Z (15)  
19

VALVE SUBCODE  
Z (16)  
20

COMPONENT CODE  
H E A T E R (14)  
13 18

SEQUENTIAL REPORT NO.  
0 7 4  
24 26

OCCURRENCE CODE  
0 3  
28 29

REPORT TYPE  
L  
30

REVISION NO.  
0  
32

LER/RO REPORT NUMBER  
8 3  
21 22

ACTION TAKEN  
G (18)  
33

FUTURE ACTION  
Z (19)  
34

EFFECT ON PLANT  
Z (20)  
35

SHUTDOWN METHOD  
Z (21)  
36

HOURS  
0 0 0 (22)  
37 40

ATTACHMENT SUBMITTED  
Y (23)  
41

NPRD-4 FORM SUB.  
Y (24)  
42

PRIME COMP. SUPPLIER  
Z (25)  
43

COMPONENT MANUFACTURER  
Z 9 9 9 (26)  
44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 | A followup investigation found that the heat trace was not properly installed on the

1 1 | transmitter piping. Records showed the last work done on the transmitter was to in-

1 2 | stall the transmitter and run ST 5031.05. ST 5031.05 was not clear with respect to

1 3 | checking the freeze protection. This procedure was modified to show the proper

1 4 | sequence to verify that the freeze protection is properly installed.

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

FACILITY STATUS (1) 5 (E) (28) % POWER (0) 2 4 (29) NA OTHER STATUS (30) METHOD OF DISCOVERY (A) (31) Operator observation DISCOVERY DESCRIPTION (32)

ACTIVITY CONTENT RELEASED OF RELEASE (1) 6 (Z) (33) (Z) (34) NA AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (36)

PERSONNEL EXPOSURES					
NUMBER			TYPE	DESCRIPTION	
1	7		Z	NA	

PERSONNEL INJURIES		DESCRIPTION	
NUMBER			
1	8	40	NA

1		2		3		4		5		6		7		8		9		10		11		12	
LOSS OF OR DAMAGE TO FACILITY												(43)											
TYPE												DESCRIPTION											
1	9	Z	(42)	NA																			

FEZ  
11

PUBLICITY  
 ISSUED DESCRIPTION (45)  
 2 0 N (44) NA  
 8402130405 840124  
 PDR ADOCK 05000346  
 S PDR  
 NRC USE ONLY

TOLEDO EDISON COMPANY  
DAVIS-BESSE NUCLEAR POWER STATION UNIT ONE  
SUPPLEMENTAL INFORMATION FOR LER NP-33-83-104

DATE OF EVENT: December 24, 1983

FACILITY: Davis-Besse Unit 1

IDENTIFICATION OF OCCURRENCE: Borated Water Storage Tank (BWST) Level for Safety Features Actuation System (SFAS) Channel 1 failed high

Conditions Prior to Occurrence: The unit was in Mode 1, with Power (MWt) = 195 and Load (Gross MWe) = 0.

Description of Occurrence: On December 24, 1983 at 0625 hours, the operators received the BWST HI FAIL alarm for SFAS Channel 1. A check of the indication showed Channel 1 was failed high. The operators tripped the BWST low level bistable for SFAS Channel 1, placing the unit in Action Statement 9 of Technical Specification 3.3.2.1.

Designation of Apparent Cause of Occurrence: The apparent cause was procedure deficiency. A followup investigation found the freeze protection heat trace was not properly installed on the transmitter piping. A check of the records showed that the last work done on that transmitter was to install a new transmitter and run Surveillance Test ST 5031.05. Surveillance Test ST 5031.05 was not clear with respect to checking the freeze protection.

Analysis of Occurrence: There was no danger to the health and safety of the public or station personnel. The three remaining BWST level channels were operable and able to perform their design functions.

Corrective Action: The operators had additional heaters installed in the building housing the transmitters. The transmitter indication returned to normal on December 25, 1983 at 1250 hours. Surveillance Tests ST 5099.01 and ST 5099.05 were performed, and the transmitter was declared operable, removing the unit from the action statement of Technical Specification 3.3.2.1. Surveillance Test ST 5031.05 was modified to change the wording and sequence of verification to ensure that the freeze protection heat trace is properly installed and working.

Failure Data: There have been no previous similar occurrences due to procedure deficiency.

LER #83-074

U.S. POSTAL FACILITY  
MSC, PRINCE GEORGES, MARYLAND 20890

Claims & Inquiry Section

Date 2/1/84

Dear Patron:

The enclosed was discovered loose in the mass mails and forwarded to this division for disposition.

In the course of mail handling, items occasionally become separated from the envelope or container, or were not intended for the mails but inadvertently were deposited.

Very truly yours,

*Fred M. Maguire*

Fred M. Maguire  
Manager

MSC, Prince Georges, Maryland 20890

Enclosure(s)



January 23, 1984

Log No. K84-071  
File: RR2 (NP-33-83-104)

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. 83-074  
Davis-Besse Nuclear Power Station Unit 1  
Date of Occurrence: December 24, 1983

Enclosed are three copies of Licensee Event Report 83-074 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*

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

bcc: J. R. Dyer  
J. Hirsch  
J. W. Fay  
R. E. Lapp  
R. G. Staker  
C. M. Rice  
J. R. Albert  
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Student Resource Center  
INPO Records Center  
Site Licensing  
SAR-UP Administrator  
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