## LICENSEE EVENT REPORT

	, Elocivoca event the out
	CONTROL BLOCK: (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)
0 1	0 H D B S 1 2 0 0 - 0 0 N P F - 0 3 3 4 1 1 1 1 1 4 57 CAT 58 5
CON'T	REPORT L 6 0 5 0 - 0 3 4 6 7 1 0 0 9 7 8 8 1 1 0 1 7 8 9  SOURCE 50 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80
	During the performance of surveillance testing on 10/9/78 at 1510 hours, point R216
0 2	
0 3	on the heat trace was found to be one degree below the 105°F temperature as required
0 4	per Technical Specification (TS) 4.1.2.2. The Boric Acid Flowpath was declared inop-
0 5	erable at 1530 hours on 10/9/78. Since the point at which boric acid crystallizes
06	at the highest concentration possible coming from the Boric Acid Addition Tank is
0 7	95°F, there was no danger of any crystallization in the heat traced line.
F 1	(NP-33-78-122)
7 8	9 SYSTEM CAUSE CAUSE COMPONENT CODE SUBCODE SUBCODE
0 9	P C 11 X 12 X 13 Z Z Z Z Z Z Z Z Z Z 16 PORT REVISION
	17 REPORT NUMBER 21 22 23 24 26 27 28 29 30 31 32 COMPONENT
	ACTION FUTURE CAPTION SHUTDOWN METHOD SUBMITTED FORM SUB. SUPPLIER SUBMITTED FORM SUB. SUPPLIER TAKEN ACTION SUB. SUPPLIER TAKEN ACTION SUB. SUPPLIER TAKEN ACTION SUB. SUPPLIER TO SUBMITTED FORM SUB. SUPPLIER TO SUBMITTED TO S
110	During the checkout of recorder point R2-16 in circuit 109, a blown fuse was found in
	the temperature controller. The fuse was replaced, and the circuit was checked again
	and found operating properly. The boric acid injection heat trace was declared opera-
1 3	ble following a retest of the line on 10/12/78 at 0950 hours, and the unit was re-
1 4	moved from the Action Statement.
7 8	FACILITY STATUS SPOWER OTHER STATUS 30 METHOD OF DISCOVERY DESCRIPTION (32)    B   (31)   Surveillance Test ST 5011.01
1 5 7 8	9 10 12 13 44 45 46
1 6	Z 33 Z 34 NA
7 8	PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION (39)
1 7	NUMBER TYPE DESCRIPTION (S)  NA  NO N
7 8	PERSONNEL INJURIES NUMBER DESCRIPTION 41
1 8	9 0 0 0 0 NA 9 11 12 12 12 13 14 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16
1 9	LOSS OF OR DAMAGE TO FACILITY (43) TYPE: DESCRIPTION    Z   (42) NA 80
7 8	9 10 PUBLICITY  NRC USE ONLY
2 0	781107 0188 68 69 80.
2 1	9 10

## TOLEDO EDISON COMPANY DAVIS-BESSE UNIT ONE NUCLEAR POWER STATION SUPPLEMENTAL INFORMATION FOR LER NP-33-78-122

DATE OF EVENT: October 9, 1978

FACILITY: Davis-Besse Unit 1

IDENTIFICATION OF OCCURRENCE: Boric Acid Flowpath Heat Trace was declared inopera-

Conditions Prior to Occurrence: The unit was in Mode 3, with Power (MWT) = 0, and Load (MWE) = 0.

Description of Occurrence: During the performance of ST 5011.01, Section 6.1, "Boron Injection Flowpath Heat Trace Test", on October 9, 1978, at 1510 hours, point R2-16 on the circuit log of the heat trace was found to be one degree below the 105°F temperature as required per Technical Specification Surveillance Requirement 4.1.2.2. The Boric Acid Flowpath was declared inoperable at 1530 hours on October 9, 1978, which placed the unit in the Action Statement of Technical Specification 3.1.2.2.

Designation of Apparent Cause of Occurrence: During an instrument and control checkout of the heat trace on October 10, 1978, the temperature of point R2-16 was back up to its normal value of 115°F. The surveillance test was rerun on October 12, 1978 at 0950 hours and the temperature of point R2-16 read 115°F, after which the boron injection flowpath was declared operable. Then following an electrical maintenance checkout of circuit 109, a blown fuse in the temperature controller was found. It appears that the temperature was originally increased to 115°F from the periodic injection of boric acid from the Boric Acid Addition Tank (which is at approximately 130°F) through the heat traced line. The heat trace was, therefore, thought to be operating properly until the blown fuse was discovered.

Analysis of Occurrence: There was no danger to the health and safety of the public or to unit personnel. Since the temperature was only one degree below the acceptable value, and the point at which boric acid crystallizes at the highest concentration possible coming from the Boric Acid Addition Tank is 95°F, there was no danger of any crystallization in the heat traced line.

Corrective Action: The instruments and controls of the heat trace point R2-16 were checked and found to be working properly on October 10, 1978, under Instrument and Control Work Request I&C-3052. The electrical components were checked on October 14, 1978, under Maintenance Work Request 78-1441 and a blown fuse was discovered in the temperature controller. It was replaced, and the circuit was checked out and found to be operating properly.

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The surveillance test of the boric acid heat trace was repeated on October 12, 1978, at 0950 hours. The boric acid flowpath was declared operable, and the unit was removed from the Action Statement of Technical Specification 3.1.2.2.

Failure Data: There have been no previous reported similar occurrences.

LER #78-103