LICENSEE EVENT REPORT

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

0 1 | N E F C S 1 (2) | 0 0 0 0 0 0 0 0 0 0 0 (3) | 4 1 1 1 1 (4) | (5)

7 8 9 LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE J0 57 CAT 58

CON'T

0 1 | REPORT SOURCE L (6) | 0 5 0 0 0 2 8 5 (7) | 0 9 1 8 7 8 (8) | 1 0 1 1 7 8 (9)

7 8 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | During normal steady state power operation the hot leg temperature indicator for "D"

0 3 | channel went to full scale. The remaining three hot leg temperature channels remained

0 4 | operable throughout this event.

0 5 |

0 6 |

0 7 |

0 8 | 80

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SYSTEM CODE I A (11) | CAUSE CODE E (12) | CAUSE SUBCODE A (13) | COMPONENT CODE I N S T R U (14) | COMP SUBCODE E (15) | VALVE SUBCODE Z (16)

0 9 | 9 10 11 12 13 18 19 20

(17) LER RO REPORT NUMBER: EVENT YEAR 7 8 (21 22) | — (23) | SEQUENTIAL REPORT NO. 0 3 1 (24 26) | / (27) | OCCURRENCE CODE 0 3 (28 29) | REPORT TYPE L (30) | — (31) | REVISION NO. 0 (32)

ACTION TAKEN X (18) | FUTURE ACTION C (19) | EFFECT ON PLANT Z (20) | SHUTDOWN METHOD Z (21) | HOURS (22) 0 0 0 0 (37 40) | ATTACHMENT SUBMITTED Y (23) | NPRD-4 FORM SUB. N (24) | PRIME COMP. SUPPLIER N (25) | COMPONENT MANUFACTURER R 3 7 0 (26)

33 34 35 36 41 42 43 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 | The Rosemount Model 104 VC RTD has apparently failed. However, the cause of failure

1 1 | has not yet been determined. The temperature transmitter and its RTD input for "D"

1 2 | channel was checked and erratic readings from the RTD show it to be failed. Further

1 3 | investigation of this failure will commence when access to the area of the RTD is

1 4 | possible. 80

7 8 9

FACILITY STATUS E (28) | % POWER 0 9 9 (29) | OTHER STATUS (30) NA | METHOD OF DISCOVERY A (31) | DISCOVERY DESCRIPTION (32) Visual Inspection

1 5 | 9 10 12 13 44 45 46 80

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

1 6 | 9 10 11 44 45 80

PERSONNEL EXPOSURES: NUMBER 0 0 0 (37) | TYPE Z (38) | DESCRIPTION (39) NA

1 7 | 9 11 12 13 80

PERSONNEL INJURIES: NUMBER 0 0 0 (40) | DESCRIPTION (41) NA

1 8 | 9 11 12 80

LOSS OF OR DAMAGE TO FACILITY: TYPE Z (42) | DESCRIPTION NA

1 9 | 9 10 80

PUBLICITY: ISSUED N (44) | DESCRIPTION (45) NA

2 0 | 9 10 68 69 80 | NRC USE ONLY

7 8

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GPO 917-926

LER 78-031
Omaha Public Power District
Fort Calhoun Station Unit No. 1
Docket No. 05000285

Attachment No. 1

Safety Analysis

The plant instrumentation system is so designed that no single failure can prevent the safe and systematic shutdown of the plant if required.

During the time "D" channel hot leg temperature indication was inoperable, the three remaining hot leg temperature cahnnels were considered operable, providing adequate instrumentation for this parameter.

Further investigation of this failure will be done when access to the hot leg area becomes available, probably during the 1978 refueling outage.

LER 78-031
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Attachment No. 2

Failure Data

Since the cause of failure has not fully been identified, no previous failure of this type can yet be determined.