

LICENSEE EVENT REPORT

CONTROL BLOCK: (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
LICENSEE CODE								LICENSE NUMBER												LICENSE TYPE					CAT 58		

0	1	L	6	0	5	0	0	0	2	8	5	7	0	8	3	1	7	8	8	0	9	2	7	7	8
CON'T		DOCKET NUMBER										EVENT DATE					REPORT DATE								

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 During the compilation and review of weather data for the first 1978 semi-annual

0 3 report, historically consistent wind stability classes would not be determined due

0 4 to a failure of the Tri-X weather tower's 100 meter Delta-T sensor system between

0 5 March 14, 1978, and July 21, 1978. Inability to report stability class information is

0 6 not in compliance with USNRC Regulatory Guide 21.

0	9	I	F	11	F	12	G	13	I	N	S	T	R	U	14	Y	15	Z	16			
SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE								COMP. SUBCODE		VALVE SUBCODE						
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32							
EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.														
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER						
G	18	F	19	Z	20	Z	21	0	0	0	0	Y	23	N	24	Z	25	X	9	9	9	26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 Failure of the span-and-zero card in the Delta-T meteorological system was not detect-

1 1 ed by instrument calibration procedures (CP-6272 and CP-6273). The calibration pro-

cedures have been revised to eliminate this deficiency and Engineering Evaluation/

1 3 Assistance Request No. 78-26 was initiated to guarantee separate and redundant Delta-T

1 4 channels.

1	5	E	28	1	0	0	29	NA	30	B	31	Compilation of weather data for report	32
FACILITY STATUS		% POWER		OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION					
1	6	Z	33	Z	34	NA	35	NA	36	LOCATION OF RELEASE			
ACTIVITY RELEASED		CONTENT OF RELEASE		AMOUNT OF ACTIVITY									
1	7	0	0	0	37	Z	38	NA	39				
PERSONNEL EXPOSURES		TYPE		DESCRIPTION									
1	8	0	0	0	40	NA	41						
PERSONNEL INJURIES		TYPE		DESCRIPTION									
1	9	Z	42	NA	43								
LOSS OF OR DAMAGE TO FACILITY		TYPE		DESCRIPTION									
2	0	N	44	NA	45								
PUBLICATION		ISSUED		DESCRIPTION									

LPDR

7810110103

NAME OF PREPARER

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780922

LER 78-028
Omaha Public Power District
Fort Calhoun Station Unit No. 1
Docket No. 05000285

Attachment No. 1

Safety Analysis

A review was made of all waste gas releases for the period between March 14, 1978, and July 21, 1978. Release rates for this period were based upon X/Q values derived from erroneous control room indications of Delta-T. This review determined that all releases were made at rates less than release rates allowed by the annual average X/Q values allowed by Technical Specification 2.9(2) which assures compliance with 10 CFR 20.

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Attachment No. 2

Failure Data

This is the first reportable incident involving a failure of the weather tower Delta-T measurement system.

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