	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 0 3 4 1 1 1 1 4 5 6 10 CAT 58
CON'T 0 1 7 8	REPORT L G O 5 O O O 2 8 5 7 O 2 O 3 18 2 8 0 2 1 7 8 2 9 EVENT DESCRIPTION AND PROBABLE CONSEQUENCES TO During routine operations at approximately 99% power, the containment isolation valve
0 3	associated with the "gas vent header", (HCV-507A), failed to close upon demand. Emer-
0 4	gency procedure, EP-25, "Loss of Containment Integrity", was immediately issued and
0 5	followed. An emergency Maintenance Order (M.O.) was written to correct the problem
0 6	and the valve was restored to an operable status within the 6 hour time constraint of
0 7	Technical Specification 2.0.1(1). During the incident, the redundant isolation valve,
08	HCV-507B, remained operable and closed upon demand.
7 8	SYSTEM CAUSE CODE SUBCODE SUBC
-	CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)
110	Emergency M.O. #13830 was written to correct the valve problem. It was discovered
	that the solenoid valve plunger had stuck in the "energized position." The solenoid
112	plunger was freed and the valve was cycled several times to verify operability
13	prior to returning to an operable status.
7 8	80
1 5	STATUS SPEWER OTHER STATUS 30 METHOD OF DISCOVERY DESCRIPTION 32 DISCOVERY DESCRIPTION 32 OPERATOR OF DISCOVERY DESCRIPTION 32 OPERATOR OPERATOR OF DISCOVERY DESCRIPTION 32 OPERATOR O
	CCTIVITY CONTENT ELEASED OF RELEASE AMOUNT OF ACTIVITY (25) Z 33 Z 34 NA NA NA NA NA NA NA N
1 7	NUMBER O 3 TYPE DESCRIPTION (39) NA N
1 E 8	NUMBER DESCRIPTION (41) 9 11 12 NA 80
1 9	LOSS OF OR DAMAGE TO FACILITY (43) TYPE DESCRIPTION NA 9 10 P2031703P0 P20303
20	PUBLICITY ISSUED DESCRIPTION 45 NA PDR ADOCK 05000285 PDR Y
7 8	9 10 68 69 80 5 NAME OF PREPARER Randy Mueller PHONE: (402) 426-4011 9

LER 82-003 Omaha Public Power District Fort Calhoun Station Unit No. 1 Docket NO. 05000285

ATTACHMENT NO. 1

Safety Analysis

The Fort Calhoun Station is designed such that no single failure, by itself, can adversely affect the safe shutdown of the plant.

The function of HCV-507A (and its redundant valve HCV-507B) is to isolate the gas vent header at the containment boundary when activated by a Containment Isolation Actuation Signal. Both HCV-507A and HCV-507B are energize-to-open/fail closed valves. During the time HCV-507A was inoperable due to a stuck solenoid valve plunger, the redundant valve HCV-507B was operable and would have been capable of isolating the vent header at the containment pressure boundary had it been necessary. During the time HCV-507A was being repaired, the operation of HCV-507B was verified by cycling the valve.

LER 82-003 Omaha Public Power District Fort Calhoun Station Unit No. 1 Docket No. 05000285

ATTACHMENT NO. 2

Corrective Action

M.O. #13830 was written to investigate the closure problem with HCV-507A. Subsequently, it was determined that the solenoid plunger had stuck in the "energized" position, thereby not allowing air to vent from the operator and allow the valve to close. The solenoid plunger was freed and cleaned and the solenoid, as well as the valve, were satisfactorily tested and returned to operable status. Since the valve was returned to status in less than 6 hours (the time allowed for repair without having to attain hot shutdown), the plant remained at approximately 99% power.

LER 82-003 Omaha Public Power District Fort Calhoun Station Unit No. 1 Docket No. 05000285

ATTACHMENT NO. 3

Failure Data

This is the first reportable failure of a containment isolation valve due to a solenoid valve malfunction at the Fort Calhoun Station.