

# LICENSEE EVENT REPORT

50-285/76-14

CONTROL BLOCK

[PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME 01 N E F C S 1														LICENSE NUMBER 00-000000-00														LICENSE TYPE 41111						EVENT TYPE 01									
CATEGORY 01 CONT														REPORT TYPE T		REPORT SOURCE L		DOCKET NUMBER 050-0285														EVENT DATE 041476						REPORT DATE 042276					

## EVENT DESCRIPTION

02 While performing Surveillance Test ST-SI/CS-1, valve HCV-383-4 failed to close by  
 03 control switch from the control room. The redundant safety injection systems remain-  
 04 ed operable. The electrical interlock of the circuit breaker for HCV-383-4 was  
 05 mechanically binding prohibiting the valve to operate. This interlock was freed and  
 06 lubricated (LER 50-285/76-14).

SYSTEM CODE 07 S F		CAUSE CODE E		COMPONENT CODE C K T B K R				PRIME COMPONENT SUPPLIER A		COMPONENT MANUFACTURER G O 8 0				VIOLATION Y	
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## CAUSE DESCRIPTION

08 A General Electric type 7700, Size 1 Combination breaker/reversing starter failed to  
 09 operate valve due to a binding contact. The contact was lubricated, adjusted and  
 10 exercised and satisfactorily tested.

FACILITY STATUS 11 E		% POWER 100		OTHER STATUS NA		METHOD OF DISCOVERY B		DISCOVERY DESCRIPTION NA	
FORM OF ACTIVITY RELEASED 12 Z		CONTENT OF RELEASE Z		AMOUNT OF ACTIVITY NA		LOCATION OF RELEASE NA			

## PERSONNEL EXPOSURES

NUMBER 13 000		TYPE Z		DESCRIPTION NA	
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## PERSONNEL INJURIES

NUMBER 14 000		DESCRIPTION NA	
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## OFFSITE CONSEQUENCES

15 NA

## LOSS OR DAMAGE TO FACILITY

TYPE 16 Z		DESCRIPTION NA	
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## PUBLICITY

17 NA

## ADDITIONAL FACTORS

18

19

8403230261 760422  
PDR ADOCK 05000285  
S PDR

NAME: John M. Nagl

PHONE: 402-536-4000 Ext. 8722

## Attachment No. 1

Safety Analysis

The function of HCV-383-4 is to isolate the containment sump and one of the two safety injection pump rooms. HCV-383-4 is normally closed except during surveillance testing to prove its operability or in the event of a recirculation actuation signal (RAS) where the valve is driven open to allow the safety injection pumps to take suction from the containment sump. During the time HCV-383-4 was inoperable, containment integrity requirements were technically not satisfied. However, the redundant pumps, valves and piping were operable from the containment sump to the remaining safety injection pump room while HCV-383-4 was open. Because of the dual arrangement of pumps, piping and valves no single failure can jeopardize the safe shutdown of the plant.

Attachment No. 2

Corrective Action

Surveillance test ST-SI/CS-1 will be revised to positively verify that the interlocks for HCV-383-4 are properly made electrically and that the valve is operable during and following ST-SI/CS-1.

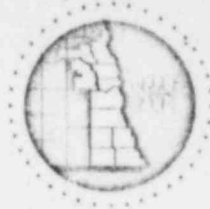
Attachment No. 3

Failure Data

This is the fourth failure of a motor operated valve to operate due to a reversing interlock at its motor starter mechanically failing to make proper electrical contact.

# Omaha Public Power District

1623 HARNEY ■ OMAHA, NEBRASKA 68102 ■ TELEPHONE 536-4000 AREA CODE 402



April 22, 1976  
FC-142-76

Mr. E. Morris Howard  
U. S. Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive  
Suite 1000  
Arlington, TX 76012



Dear Mr. Howard:

Reference: Fort Calhoun Station Unit No. 1  
Docket No. 50-285

In accordance with the Fort Calhoun Station's Technical Specifications, the Omaha Public Power District, as holder of facility operating license DPR-40, submits three copies of the following licensee event report 50-285/76-14 to satisfy the requirements of Regulatory Guide 1.16.

Sincerely,

W. C. Jones  
Section Manager  
Operations

WCJ/WDD:rge

Enclosure

cc: Director, Office of Management  
Information and Program Control  
U. S. Nuclear Regulatory Commission  
Washington, DC 20555 (3)

Director, Office of Inspection and  
Enforcement  
U. S. Nuclear Regulatory Commission  
Washington, DC 20555 (30)

Mr. L. C. Shalla  
SARC Chairman  
PRC Chairman  
Fort Calhoun File (2)

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