

LICENSEE EVENT REPORT

50-285/76-5 Supplement 1

CONTROL BLOCK

(PLEASE PRINT ALL REQUIRED INFORMATION)

LICENSEE NAME: H E F C S 1
 LICENSE NUMBER: 0 0 - 0 0 0 0 0 0 - 0 0
 LICENSE TYPE: 4 1 1 1 1
 EVENT TYPE: 0 3

REPORT TYPE: L
 REPORT SOURCE: L
 DOCKET NUMBER: 0 5 0 - 0 2 8 5
 EVENT DATE: 0 2 1 0 7 7
 REPORT DATE: 0 2 1 0 7 7

EVENT DESCRIPTION

During the months of April, May, June, July, August, September and December, 1976, and January, 1977, the Recirculation Actuation Pressure Switches were found to have drifted out of the calibration procedure tolerances.

SYSTEM CODE: I A
 CALL CODE: E
 COMPONENT CODE: I N S T R U
 PRV COMPONENT SUPPLIER: A
 COMPONENT MANUFACTURER: B 0 7 0
 VIOLATION: Y

CAUSE DESCRIPTION

The Barksdale Model No. D25-M1855 switches were found to have drifted out of specification. The drift did not result in the violation of any limiting conditions for operation.

FACILITY STATUS: I
 % POWER: 10
 OTHER STATUS: Normal Power Op.
 METHOD OF DISCOVERY: B
 DISCOVERY DESCRIPTION: Surveillance Testing
 FORM OF ACTIVITY RELEASED: Z
 CONTENT OF RELEASE: Z
 AMOUNT OF ACTIVITY: NA
 LOCATION OF RELEASE: NA

PERSONNEL EXPOSURES

NUMBER: 0 0 0
 TYPE: Z
 DESCRIPTION: NA

PERSONNEL INJURIES

NUMBER: 0 0 0
 DESCRIPTION: NA

OFFSITE CONSEQUENCES

NA

LOSS OR DAMAGE TO FACILITY

TYPE: Z
 DESCRIPTION: NA

PUBLICITY

NA

ADDITIONAL FACTORS

See Attachments 1, 2 and 3

NAME: G. R. Peterson
 PHONE: 2-426-4011

8403260398 771031
 PDR ADDCK 05000285
 S PDR

ATTACHMENT 1

Safety Analysis

As stated in LER 50-285/76-5, the recirculation actuation pressure switches were checked monthly to verify setpoint and minimize setpoint shift. During the months of April, May, June, July, August, September and December, 1976, and January, 1977, the switches were found to have drifted out of the calibration procedure tolerance.

The Fort Calhoun Station Unit No. 1 safety injection system, if required to operate, requires 283,000 gallons of borated water plus a minimum of 28,000 gallons of borated water to be used for pump suction during the time required to switch to a recirculation mode of operation.

The recirculation actuation switch setpoints are calibrated monthly; this calibration, which minimizes drift, coupled with the higher level maintained in the safety injection and refueling water tank (SIRWT) insures that at no time were the minimum borated water inventory requirements violated.

ATTACHMENT 2

Corrective Action

The Barksdale Pressure Switches were found to have a setpoint drift in excess of the calibration procedure. The switch will be calibrated on a monthly basis until new pressure switches can be installed under Design Change Request 75a-36.

ATTACHMENT 3

Failure Data

The setpoint drift was noted and reported as listed below:

Abnormal Occurrence 50-285/75-5
Licensee Event Report 50-285/76-5
Operations Incident 76-31
Operations Incident 76-47
Operations Incident 76-54
Operations Incident 76-75
Operations Incident 20
Operations Incident 51

Omaha Public Power District

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

February 11, 1977
FC-47-77

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



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 supplement to licensee event report 50-285/76-5 to satisfy the requirements of Regulatory Guide 1.16.

Sincerely,

W.C. Jones
W. C. Jones
Section Manager
Operations

WCJ/WDD:rge

Enclosures

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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