

LICENSEE EVENT REPORT

- CINTULA -

CONTROL BLOCK: 0316 7118 1

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

MD
5/5

1 MIDCCN 1 2 0 0 - 0 0 0 0 0 0 - 0 0 3 4 1 1 1 1 4 D 5

1 REPORT SOURCE L 6 0 5 0 0 0 3 1 7 7 0 3 2 4 8 1 8 0 4 2 3 8 1 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

2 During normal power operation at 1145, while surveillance testing, ~~found~~
 3 an ESFAS degraded voltage relay (No. 127/B-11-H) to be inoperable (T.S.
 4 3.3.2.1). The relay was repaired and tested at 1200. Three redundant
 5 channels remained operable throughout this event. No similar events
 6 have previously been reported.
 7
 8

9 SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP SUBCODE VALVE SUBCODE
 E B 11 E 12 B 13 R E L A Y X 14 J 15 Z 16
 17 LER-RO REPORT NUMBER 8 1 0 2 2 0 3 L 0
 ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPRO-4 FORM SUB PRIME COMP. SUPPLIER COMPONENT MANUFACTURER
 E 18 X 19 Z 20 Z 21 0 0 0 0 Y 23 Y 24 L 25 R 3 3 5 26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

0 The relay (RIS No. PR-2035-PI-TT) output contacts were binding. The con-
 1 tact lever was straightened and spring tension was increased to hold the
 2 lever in position. Due to an observed problem in the electronic portion
 3 of these relays, setpoint drift (LER 05000318/81-14), these instruments
 4 are currently on increased surveillance to detect generic problems.

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

NRC USE ONLY
 B25523

LER NO. 81-22/3L
DOCKET NO. 50-317
LICENSE NO. DPR-53
EVENT DATE 03-24-81
REPORT DATE 04-23-81
ATTACHMENT

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (CONT'D)

The "relay" (RIS No. PR-2035-PI-TI) is an electronic instrument with adjustable low voltage setpoint and time delay. Its output is through a miniature electro-mechanical relay to give a contact closure to one of 4 redundant Engineered Safety Features Actuation System sensor channel bistables.

The miniature output relay was the cause of failure to actuate when the contact lever stuck. The lever was straightened and spring tension adjusted. The relay was operated several times satisfactorily.

Due to an apparent low voltage setpoint drift problem, all (16) such relays in the plant are currently on an increased surveillance program, in which they will be tested quarterly. (Ref. previous LER 05000318/81-14/3L). It is anticipated that the increased testing will allow disclosure of problems with the continued use of these instruments by detecting abnormal failure rates. Sufficient testing will have been performed by October 1, 1981 to evaluate their service. No further preventive action is deemed necessary.