

# LICENSEE EVENT REPORT

CONTROL BLOCK: 1 1 1 1 1 6

[PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME: 01 I L D R S 3 14 15 LICENSE NUMBER: 00 - 00 00 00 00 - 00 25 LICENSE TYPE: 4 1 1 1 1 30 EVENT TYPE: 0 3 31 32

CATEGORY: 01 CONT 57 58 REPORT TYPE: L 59 REPORT SOURCE: L 60 DOCKET NUMBER: 05 0 - 02 4 9 61 68 EVENT DATE: 05 1 0 7 6 69 74 REPORT DATE: 05 2 4 7 6 75 80

## EVENT DESCRIPTION

02 DURING A SURVEILLANCE TEST ON THE CORE SPRAY VALVES, VALVE MD 3-1402-25B TRIPPED 80  
03 ON THERMAL OVERLOAD AS IT WAS BEING CLOSED FOR THE SECOND TIME. THE THERMAL OVERLOADS WERE IMMEDIATELY 80  
04 RESET, AND THE VALVE WAS CYCLED TWICE SATISFACTORILY. LATER, THE VALVE MOTOR CURRENTS 80  
05 WERE MEASURED DURING OPERATION, AND THE TORQUE SWITCH SETTINGS WERE CHECKED. NO 80  
06 UNUSUAL CHARACTERISTICS OR DEFECTIVE COMPONENTS WERE NOTED. LPCI AND THE REDUNDANT 80  
(SEE ATTACHED SHEET)

SYSTEM CODE: 07 S F 10 CAUSE CODE: B 11 COMPONENT CODE: C K T B R K 17 PRIME COMPONENT SUPPLIER: A 43 COMPONENT MANUFACTURER: G O 8 O 44 47 VIOLATION: N 48

## CAUSE DESCRIPTION

08 THE VALVE MOTOR TRIPPED AS A RESULT OF AN INADEQUATE OR UNDERSIZED OVERLOAD HEATER. 80  
09 THE EXISTING OVERLOAD HEATER (GE MODEL # CR 123 K7.12A) WAS SIZED ACCORDING TO THE 80  
10 VALVE MOTOR'S RATED CURRENT AT 440V AC. HOWEVER, THE VALVE MOTOR WAS PLACED ON A 80  
(SEE ATTACHED SHEET)

FACILITY STATUS: 11 E 9 % POWER: 07 2 10 12 13 OTHER STATUS: NA 44 METHOD OF DISCOVERY: B 45 DISCOVERY DESCRIPTION: NA 46 80

FORM OF ACTIVITY RELEASED: 12 Z 9 CONTENT OF RELEASE: Z 10 11 AMOUNT OF ACTIVITY: NA 44 45 LOCATION OF RELEASE: NA 80

## PERSONNEL EXPOSURES

NUMBER: 13 0 0 0 11 TYPE: Z 12 DESCRIPTION: NA 13 80

## PERSONNEL INJURIES

NUMBER: 14 0 0 0 11 12 DESCRIPTION: NA 80

## OFFSITE CONSEQUENCES

15 NA 80

## LOSS OR DAMAGE TO FACILITY

TYPE: 16 Z 10 DESCRIPTION: NA 80

## PUBLICITY

17 NA 80

## ADDITIONAL FACTORS

18 NA 80

19 8306080372 760524 80  
PDR ADOCK 05000249  
S PDR

NAME: E. L. SECKINGER

PHONE: EXT. 265

EVENT DESCRIPTION (continued)

core spray loop would have been available and operable had the valve tripped in the closed position following a LOCA. Thermal overload tripping occurs on this valve only after multiple actuations. Additionally, valve 1402-25B is a normally closed valve which opens for system operation. Although this is the first failure of this type on valve 1402-25B, other similar valves have experienced thermal overload trips at Dresden. (50-249/1976-9)

CAUSE DESCRIPTION (continued)

480 V AC system. With the resultant increase in current, frequent operation of the valve causes the overload heater to trip.

A modification has been initiated to replace the present overload heaters of this type with larger GE model #CR123K7.91A overload heaters. Installation of these higher capacity units (which are presently on order) should prevent future thermal overload failures on similarly equipped motor-operated valves.



Commonwealth Edison  
Dresden Nuclear Power Station  
R.R. #1  
Morris, Illinois 60450  
Telephone 815/942-2920

BBS Ltr. #414-76

May 27, 1976



Mr. James G. Keppler, Regional Director  
Directorate of Regulatory Operations - Region III  
U. S. Nuclear Regulatory Commission  
799 Roosevelt Road  
Glen Ellyn, Illinois 60137

Enclosed please find Reportable Occurrence number 50-249/1976-9.  
This report is being submitted to your office in accordance with the  
Dresden Nuclear Power Station Technical Specifications, Section 6.6.B.

*Arthur M Roberts*  
for: B. B. Stephenson  
Station Superintendent  
Dresden Nuclear Power Station

BBS:smp

Enclosure

cc: Director of Inspection & Enforcement  
Director of Management Information & Program Control  
File/NRC

5651

COPY SENT REGION *[Signature]*