

# LICENSEE EVENT REPORT

CONTROL BL

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(PLEASE PRINT ALL REQUIRED INFORMATION)

LICENSEE NAME 01 I L D R S 2														LICENSE NUMBER 00-000000-00										LICENSE TYPE 41111				EVENT TYPE 03							
7		8		9		14		15		25		26		30		31		32																	
01		CONT		CATEGORY		REPORT TYPE		REPORT SOURCE		DOCKET NUMBER				EVENT DATE				REPORT DATE																	
7		8		57		58		59		60		61				68				69				74				75				80			
01		CONT				L		L		050-0237				072776				082476																	

## EVENT DESCRIPTION

02 DURING ROUTINE SURVEILLANCE TESTING, THE UNIT 2/3 DIESEL FIRE PUMP														7		8		9		80	
03 FAILED TO START. FOLLOWING THE UNIT 2/3 PUMP FAILURE, THE UNIT-1														7		8		9		80	
04 DIESEL FIRE PUMP AUTOMATICALLY STARTED IN RESPONSE TO LOW FIRE MAIN														7		8		9		80	
05 PRESSURE; CONSEQUENTLY, FIRE SYSTEM OPERABILITY WAS NOT AFFECTED.														7		8		9		80	
06 THIS IS THE FIRST REPORTED FAILURE OF THE UNIT 2/3 DIESEL FIRE PUMP.														7		8		9		80	

(50-237/1976-51) 80

SYSTEM CODE		CAUSE CODE		COMPONENT CODE				PRIME COMPONENT SUPPLIER		COMPONENT MANUFACTURER				VIOLATION									
07 AB		E		ENGINE				W		C742				N									
7		8		9		10		11		12		13		17		43		44		47		48	

## CAUSE DESCRIPTION

08 THE CAUSE OF FAILURE WAS A DEFECTIVE SHUTDOWN SOLENOID VALVE. THE ELECTRICALLY														7		8		9		80	
09 OPERATED SOLENOID VALVE FAILED IN THE CLOSED POSITION, BLOCKING FUEL FLOW TO														7		8		9		80	
10 THE ENGINE. THE SHUTDOWN VALVE WAS REPLACED, AND THE ENGINE WAS MANUALLY														7		8		9		80	

(SEE ATTACHED SHEET) 80

FACILITY STATUS		% POWER		OTHER STATUS				METHOD OF DISCOVERY		DISCOVERY DESCRIPTION									
11 E		095		NA				B		NA									
7		8		9		10		12		13		44		45		46		80	
FORM OF ACTIVITY RELEASED		CONTENT OF RELEASE		AMOUNT OF ACTIVITY				LOCATION OF RELEASE											
12 Z		Z		NA				NA											
7		8		9		10		11		44		45		80					

## PERSONNEL EXPOSURES

NUMBER		TYPE		DESCRIPTION	
13 000		Z		NA	
7		8		9	

## PERSONNEL INJURIES

NUMBER		DESCRIPTION	
14 000		NA	
7		8	

## OFFSITE CONSEQUENCES

15 NA	
7	

## LOSS OR DAMAGE TO FACILITY

TYPE		DESCRIPTION	
16 Z		NA	
7		8	

## PUBLICITY

17 NA	
7	

## ADDITIONAL FACTORS

18 NA	
7	

8304040510 760824  
PDR ADDOCK 05000237  
S PDR

19	
7	

NAME: R.W. COEN

PHONE: EXT. 421

CAUSE DESCRIPTION (Continued)

started three times for testing purposes. After successful completion of the weekly surveillance test, the pump was returned to service. Replacement of the shutdown solenoid valve is considered sufficient to prevent recurrence. The Unit 2/3 diesel fire pump engine is a model NHS 61 F marine diesel, manufactured by Cummins Engine Company, Inc.



**Commonwealth Edison**

Dresden Nuclear Power Station

R.R. #1

Morris, Illinois 60450

Telephone 815/942-2920



BBS Ltr. #76-627

August 25, 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 report number 50-237/1976-51.  
This report is being submitted to your office in accordance with the Dresden  
Nuclear Power Station Technical Specifications, Section 6.6.B.

B. B. Stephenson  
Station Superintendent  
Dresden Nuclear Power Station

BBS:jo

Enclosure

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

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