

LICENSEE EVENT REPORT

CONTROL BLANK

[PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME 01 I L D R S 2														LICENSE NUMBER 0 0 - 0 0 0 0 0 - 0 0														LICENSE TYPE 4 1 1 1 1						EVENT TYPE 0 3									
CATEGORY 01 CONT														REPORT TYPE L		REPORT SOURCE L		DOCKET NUMBER 0 5 0 - 0 2 3 7														EVENT DATE 1 2 1 2 7 6						REPORT DATE 0 1 1 0 7 7					

EVENT DESCRIPTION

02 Following 50% core scram testing, CRD F-5 was found to uncouple and overtravel.																																																																															
03 when withdrawn to position 48. An insertion to position 44 and subsequent with-																																																																															
04 drawal to position 48 showed the drive to be recoupled. A second scram and with-																																																																															
05 drawal to position 48 again uncoupled the drive. CRD F-5 was then inserted to																																																																															
06 position 00 and disarmed. The three symmetrical drives in the remaining quadrants																																																																															

SYSTEM CODE 07 R B										CAUSE CODE E		COMPONENT CODE C R D R V E										PRIME COMPONENT SUPPLIER N		COMPONENT MANUFACTURER G 0 8 0										VIOLATION N		(Continued)									
---------------------------	--	--	--	--	--	--	--	--	--	-----------------	--	---	--	--	--	--	--	--	--	--	--	-------------------------------	--	---	--	--	--	--	--	--	--	--	--	----------------	--	-------------	--	--	--	--	--	--	--	--	--

CAUSE DESCRIPTION

08 As stated previously, symptom and performance evaluations indicate that a loosened																																																																															
09 inner filter causes the blade and drive to uncouple at the fully withdrawn position.																																																																															
10 Loosening of the filter may have resulted from a combination of improper installation																																																																															

FACILITY STATUS 11 E										% POWER 0 4 8										OTHER STATUS NA										METHOD OF DISCOVERY B										DISCOVERY DESCRIPTION SCRAM TESTING									
FORM OF ACTIVITY RELEASED 12 Z										CONTENT OF RELEASE Z										AMOUNT OF ACTIVITY NA										LOCATION OF RELEASE NA																			

PERSONNEL EXPOSURES

NUMBER 13 0 0 0										TYPE Z		DESCRIPTION NA									
--------------------------	--	--	--	--	--	--	--	--	--	-----------	--	-------------------	--	--	--	--	--	--	--	--	--

PERSONNEL INJURIES

NUMBER 14 0 0 0										DESCRIPTION NA									
--------------------------	--	--	--	--	--	--	--	--	--	-------------------	--	--	--	--	--	--	--	--	--

OFFSITE CONSEQUENCES

15 NA																																																																															
---------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

LOSS OR DAMAGE TO FACILITY

TYPE 16 Z										DESCRIPTION NA									
----------------	--	--	--	--	--	--	--	--	--	-------------------	--	--	--	--	--	--	--	--	--

PUBLICITY

17 NA																																																																															
---------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

ADDITIONAL FACTORS

18 NA																																																																															
---------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

19 NA																																																																															
---------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

8304050101 770110
PDR ADOCK 05000237
S PDR

NAME: Gregg Reimers

PHONE: Ext. 265

EVENT DESCRIPTION (Continued)

were also fully inserted.

On 12/30/76, an on-site review determined that a loosened inner filter caused the blade and drive to uncouple at position 48. It was also determined that the loosened filter cannot exert sufficient pressure to uncouple the blade except when the drive is fully withdrawn to position 48; upon insertion, the blade and drive automatically recouple. Since the possibility of uncoupling the blade exists only when the drive is withdrawn to position 48, CRD F-5 has been declared operable. As a precautionary measure, an operating order has been issued to ensure that a coupling check is performed whenever drive F-5 is withdrawn to position 48. Should subsequent uncoupling occur, immediate action will be taken to ensure that the drive's status complies with Tech Spec section 3.3.B.1.

Because the potential for uncoupling the blade exists only at position 48, the safety implications of this event are minimal. Control rod drive/blade uncoupling incidents have occurred several times in the past. (50-237/1976-68)

CAUSE DESCRIPTION (Continued)

and latching spring fatigue.

Before the end of the next Unit-2 refueling outage, CRD F-5 will be disassembled and inspected. If another primary cause of failure is determined at that time, a supplemental report will be submitted.



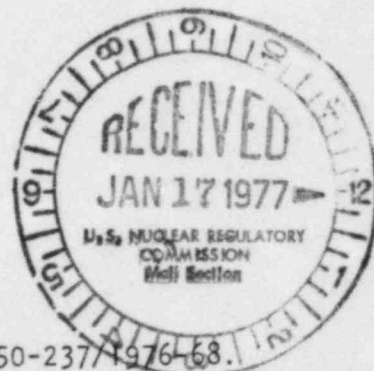
Commonwealth Edison
Dresden Nuclear Power Station
R.R. #1
Morris, Illinois 60450
Telephone 815/942-2920

1E FILE COPY

BBS Ltr. #27-77

January 10, 1977

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 50-237/1976-68.
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