

LICENSEE EVENT REPORT

CONTROL BLOCK:

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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	CATEGORY 01 CONT						REPORT TYPE L		REPORT SOURCE L		DOCKET NUMBER 050-0237				EVENT DATE 060776				REPORT DATE 070676			
7	8	9	57	58	59	60	61	68	69	74	75	80																			

EVENT DESCRIPTION

02 DURING STEADY-STATE OPERATION, "2A" SJAE FLOW DROPPED TO ZERO, WHILE INVESTIGATING																80
03 THE PROBLEM, PERSONNEL IN THE AREA HEARD A "THUD" WHICH WAS THOUGHT TO BE AN EXPLO-																80
04 SION. AN IMMEDIATE LOAD REDUCTION WAS INITIATED, AND THE STANDBY SJAE WAS PLACED IN																80
05 SERVICE. THE RUPTURE DIAPHRAGMS IN BOTH SJAE'S WERE LATER FOUND FAILED. THE OFF-																80
06 GAS FILTER IN SERVICE AT THE TIME WAS DOP-TESTED AND FOUND TO BE ACCEPTABLE.																80
(SEE ATTACHED SHEET)																80

SYSTEM CODE 07 MB		CAUSE CODE F		COMPONENT CODE ZZZZZZ				PRIME COMPONENT SUPPLIER A		COMPONENT MANUFACTURER Z999			VIOLATION N			
7	8	9	10	11	12	17	43	44	47	48						

CAUSE DESCRIPTION

08 THE CAUSE OF THE OFF-GAS SYSTEM OVERPRESSURIZATION HAS NOT BEEN DETERMINED.																80
09 IT IS SPECULATED THAT THE RUPTURE DIAPHRAGM FAILURES WERE CAUSED BY A HYDROGEN																80
10 DETONATION IN THE OFF-GAS SYSTEM. A COMMITTEE (WHICH WAS ESTABLISHED AS A RESULT																80
(SEE ATTACHED SHEET)																80

FACILITY STATUS 11 E		% POWER 092		OTHER STATUS NA				METHOD OF DISCOVERY A		DISCOVERY DESCRIPTION NA					
7	8	9	10	12	13	44	45	46	80						

FORM OF ACTIVITY RELEASED 12 G		CONTENT OF RELEASE N		AMOUNT OF ACTIVITY 2.57 CURIES TOTAL				LOCATION OF RELEASE D-2/3 CHIMNEY					
7	8	9	10	11	44	45	80						

PERSONNEL EXPOSURES

NUMBER 13 000		TYPE Z		DESCRIPTION NA								
7	8	9	11	12	13	80						

PERSONNEL INJURIES

NUMBER 14 000		DESCRIPTION NA									
7	8	9	11	12	80						

OFFSITE CONSEQUENCES

15 NA																80
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LOSS OR DAMAGE TO FACILITY

TYPE 16 Z		DESCRIPTION NA													
7	8	9	10	80											

PUBLICITY

17 NA																80
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ADDITIONAL FACTORS

18 NA																80
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19 8103100062																80
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NAME: CHARLES SARGENT

PHONE: EXT. 265

EVENT DESCRIPTION (Continued)

The "2A" SJAE diaphragm was replaced, and a temporary cover was placed on the "2B" SJAE. The unit load was increased after the "2B" SJAE had been placed in service.

Off-gas system overpressurizations have occurred before on both Units 2 and 3; however, this is the first to occur during steady-state operation with the rechar system in service and no valving in progress. (50-237/1976-40)

CAUSE DESCRIPTION (Continued)

of the recent Unit-3 off-gas system overpressurization) will address the origin and prevention of the off-gas explosions.



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

BBS Ltr. #76-503

July 2, 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 50-237/1976-40.
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

JUL 7

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