

LICENSEE EVENT REPORT

CONTROL BLOCK

1 2 3 4 5 6

(PLEASE PRINT ALL REQUIRED INFORMATION)

LICENSEE NAME

LICENSE NUMBER

LICENSE TYPE

EVENT TYPE

01 I L D R S 2

00-000000-00

41111

03

CATEGORY

REPORT TYPE

REPORT SOURCE

DOCKET NUMBER

EVENT DATE

REPORT DATE

01 CONT

57 58

59 60

61 62 63 64 65 66 67

050-0237

060776

070676

EVENT DESCRIPTION

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

SYSTEM CODE

CAUSE CODE

COMPONENT CODE

PRIME COMPONENT SUPPLIER

COMPONENT MANUFACTURER

VIOLATION

07 MB

11

12 Z Z Z Z Z Z

43 A

44 Z 9 9 9

48 W

CAUSE DESCRIPTION

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

FACILITY STATUS

% POWER

OTHER STATUS

METHOD OF DISCOVERY

DISCOVERY DESCRIPTION

11 E

10 9 2

12 NA

44 A

46 NA

FORM OF ACTIVITY RELEASED

CONTENT OF RELEASE

AMOUNT OF ACTIVITY

LOCATION OF RELEASE

12 G

10 W

11 2.57 CURIES TOTAL

45 D-2/3 CHIMNEY

PERSONNEL EXPOSURES

NUMBER

TYPE

DESCRIPTION

13 000

11 Z

12 NA

PERSONNEL INJURIES

NUMBER

DESCRIPTION

14 000

11 NA

OFFSITE CONSEQUENCES

15 NA

LOSS OR DAMAGE TO FACILITY

TYPE

DESCRIPTION

16 Z

10 NA

PUBLICITY

17 NA

ADDITIONAL FACTORS

18 NA

8304050034 760706
 PDR ADOCK 05000237
 S PDR

19

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

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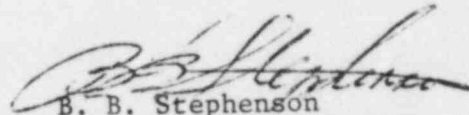
BBS Ltr. #76-503

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

6948

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