



Commonwealth Edison

Dresden Nuclear Power Station

R.R. #1

Morris, Illinois 60450

Telephone 815/942-2920

D. LANHAM

BBS Ltr. #336-76

April 26, 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 50-237/1976-19.
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

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Station Superintendent

Dresden Nuclear Power Station

BBS:smf

Enclosure

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

APR 28 1976

LICENSEE EVENT REPORT

CONTROL BLOCK:

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(PLEASE PRINT ALL REQUIRED INFORMATION)

LICENSEE NAME:

01	I	L	D	R	S	2
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 LICENSE NUMBER:

00	-	00	00	00	00	-	00
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 LICENSE TYPE:

4	1	1	1	1	1
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 EVENT TYPE:

03

CATEGORY:

01	CON'T
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 REPORT TYPE:

L

 REPORT SOURCE:

L

 DOCKET NUMBER:

05	0	-	02	3	7
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 EVENT DATE:

03	2	7	7	6
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 REPORT DATE:

04	2	6	7	6
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EVENT DESCRIPTION

02 DURING JET PUMP INSPECTION, LOOSE RESTRAINER CLAMP BOLT KEEPERS WERE
03 FOUND ON 19 OF THE 20 JET PUMPS. EACH JET PUMP HAS 2 BOLT KEEPERS; A
04 TOTAL OF 30 KEEPERS WAS FOUND TO BE LOOSE AS A RESULT OF BROKEN
05 TACK WELDS. THESE KEEPERS ARE TACK-WELDED TO THE RESTRAINER ASSEM-
06 BLY TO HELP PREVENT THE RESTRAINER CLAMP BOLTS FROM BACKING OUT.
(SEE ATTACHED SHEET)

SYSTEM CODE:

C	B
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 CAUSE CODE:

E

 COMPONENT CODE:

P	U	M	P	X	X
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 PRIME COMPONENT SUPPLIER:

N

 COMPONENT MANUFACTURER:

G	0	8	0
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 VIOLATION:

N

CAUSE DESCRIPTION

08 THE KEEPER TACK WELD FAILURES HAVE BEEN ATTRIBUTED TO VIBRATIONAL
09 FATIGUE CRACKING. IMMEDIATE CORRECTIVE ACTION WAS TO REWELD THE
10 KEEPERS TO ORIGINAL SPECIFICATIONS. ON JET PUMP #5, THE RESTRAINER
(SEE ATTACHED SHEET)

FACILITY STATUS:

H

 % POWER:

000

 OTHER STATUS:

NA

 METHOD OF DISCOVERY:

B

 DISCOVERY DESCRIPTION:

NA

FORM OF ACTIVITY RELEASED:

Z

 CONTENT OF RELEASE:

Z

 AMOUNT OF ACTIVITY:

NA

 LOCATION OF RELEASE:

NA

PERSONNEL EXPOSURES

NUMBER:

000

 TYPE:

Z

 DESCRIPTION: _____

PERSONNEL INJURIES

NUMBER:

000

 DESCRIPTION:

NA

OFFSITE CONSEQUENCES

15

NA

LOSS OR DAMAGE TO FACILITY

TYPE:

Z

 DESCRIPTION:

NA

PUBLICITY

17

NA

ADDITIONAL FACTORS

18

NA

19

NAME: EDWARD L. SECKINGER PHONE: EXT. 265

EVENT DESCRIPTION (continued)

Immediately after this inspection, a tension test was performed on one of the jet pump hold-down beams to determine if any further slackening had occurred. The hold-down beam tension was found to be 3850 psi: the minimum acceptable tension is 2800 psi.

Each restrainer assembly was found in its proper position, with both clamp bolts fully tightened. The keeper failures had no effect on jet pump operation. Broken tack welds on jet pump restrainer clamp bolt keepers have been found twice before - May, 1973, and July, 1975. These events each involved two keeper failures on Unit-3. (50-237/1976-19)

CAUSE DESCRIPTION (continued)

gate assembly and both clamp bolt keepers were replaced because the original keepers could not be rewelded. The original restrainer gate assembly and clamp bolt keepers from jet pump #5 will be sent to General Electric for analysis. Long-term corrective action will be contingent upon the results of that examination. An update report will be submitted when this evaluation has been completed.