

## (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

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7	8	LICENSEE CODE						14	15	LICENSE NUMBER										25	26	LICENSE TYPE					30	57	CAT	58	

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REPORT SOURCE L 6 0 5 0 0 0 2 3 7 7 0 2 0 3 8 3 3 0 5 0 4 3 3 9

60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | During refueling outage a non-destructive test was performed on a new  
0 3 | fillet weld and a crack was found between the torus shell and ring girder  
0 4 | separating bays 8 and 9. This event is of minimum safety significance since  
0 5 | the unit was in cold shut down and the torus was intact. There was  
0 6 | no effect on public health or safety. First occurrence of this type.  
0 7 |  
0 8 |  
7 3 9

SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE				COMP. SUBCODE		VALVE SUBCODE										
0	9	S	A	E	C	V	E	S	S	E	L	E	Z									
7	8	9	10	11	12	13	14	15	16	17	18	19	20									
LER/RO REPORT NUMBER		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.												
17	8	3	—	0	1	1	—	0	1	X	—	1										
21	22	23	24	25	26	27	28	29	30	31	32											
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER						
B	18	Z	19	Z	20	Z	21	0	0	0	0	Y	23	Y	24	N	25	C	3	1	0	26
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The exact cause cannot be determined. The flaw was removed by grinding and  
1 1 examined by visual and magnetic particle methods. Each layer of  
1 2 deposited weld metal was also examined by the above mentioned methods.  
1 3 The cavity formed during removal of the flaw was filled to the original  
1 4 section thickness with low hydrogen electrode deposits.

FACILITY STATUS		% POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION								
1	5	H	28	9	9	9	29	N/A	30	C	31	Non-Destructive Testing	32

ACTIVITY CONTENT  
RELEASED OF RELEASE AMOUNT OF ACTIVITY (35)

1 6 Z (33) Z (34) N/A

7 8 9 10 11

44

LOCATION OF RELEASE (36)

N/A

45 46

PERSONNEL EXPOSURES									
NUMBER			TYPE	DESCRIPTION					
1	7		000 (37)	Z (38) N/A (39)					

PERSONNEL INJURIES		NUMBER		DESCRIPTION (41)	
1	3	0	0	0	(40) N/A

LOSS OF OR DAMAGE TO FACILITY (43)  
TYPE DESCRIPTION  
1 9  
2 Z (42) N/A  
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PUBLICITY  
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ISSUED	DESCRIPTION	(45)
2 0	N (44)	N/A

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NRC USE ONLY

NAME OF PREPARER David TangWee

PHONE: (815) 942-2920

ATTACHMENT TO LICENSEE EVENT REPORT 83-11/01X-1  
COMMONWEALTH EDISON COMPANY (CWE)  
DRESDEN UNIT 2 (ILDRS-2)  
DOCKET # 050-237

During refueling outage, a non-destructive test was performed on a new fillet weld and a crack was found between the torus shell and the ring girder separating bays 8 and 9. This event is of minimum safety significance since the unit was in cold shutdown and the torus was intact. There was no effect on public health or safety.

The exact cause of the event cannot be determined. However, the two most probable causes are believed to be:

1. An originally undetectable subsurface discontinuity such as laminations in the shell base material that propagated to the weld surface/toe.
2. Toe cracking into the shell base material.

A repair program was prepared and required repairs were made.



**Commonwealth Edison**  
Dresden Nuclear Power Station  
R.R. #1  
Morris, Illinois 60450  
Telephone 312/5942-2920

May 4, 1983

DJS Ltr #83-435

James G. Keppler, Regional Administrator  
Region III  
U.S. Nuclear Regulatory Commission  
99 Roosevelt Road  
Glen Ellyn, IL 60137

Updated Reportable Occurrence Report #83-11/01X-1, Docket #050-237 is being submitted to your office in accordance with Dresden Nuclear Power Station Technical Specification 6.6.B.1.(c), abnormal degradation discovered in fuel cladding, reactor coolant pressure boundary, or primary containment. This revised report provides corrective actions taken to repair a torus ring girder fillet weld crack.

*D.J. Scott*  
D.J. Scott  
Station Superintendent  
Dresden Nuclear Power Station

DJS/kjl

Enclosure

cc: Director of Inspection & Enforcement  
Director of Management Information & Program Control  
U.S. NRC, Document Management Branch  
File/NRC

*1E22*

MAY 12 1983

# SUPPLEMENT TO DVR

DVR NO.	STA	UNIT.	YEAR	NO.
D - 12	- 2	- 83	- 14	

## PART 1 TITLE OF EVENT

## OCCURRED

Torus ring girder fillet weld crack

2/3/83

1600

DATE

TIME

## REASON FOR SUPPLEMENTAL REPORT

Update status of corrective actions

## PART 2

ACCEPTANCE BY STATION REVIEW

DATE

SUPPLEMENTAL REPORT APPROVED  
AND AUTHORIZED FOR DISTRIBUTION

STATION SUPERINTENDENT

DATE

*J. H. [Signature]* for TSS. *John M. [Signature]*  
5/10/83  
*E. M. [Signature]*  
5/11/83