

LICENSEE EVENT REPORT

CONTROL BLOCK: (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 | I | L | D | R | S | 2 | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | 3 | 4 | 1 | 1 | 1 | 1 | 4 | 5

CON'T 01 | REPORT SOURCE | L | 0 | 5 | 0 | 0 | 0 | 2 | 3 | 7 | 7 | 0 | 5 | 0 | 3 | 8 | 1 | 8 | 0 | 5 | 1 | 1 | 8 | 1 | 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)
02 | During the refueling outage, while conducting the ASME reactor vessel hydrostatic
03 | test, a socket weld failure was found on a 3/4 inch bonnet leakoff line associated
04 | with the MO 2-202-5A valve. The safety significance of this event was minimal since
05 | the temperature was less than 200 degrees F and the line size of 3/4 inch was well
06 | within the capability of the ECCS system. There was no effect on public health or
07 | safety. Previous similar occurrence RO 50-237/81-19.

09 | SYSTEM CODE | C | B | 11 | CAUSE CODE | B | 12 | CAUSE SUBCODE | C | 13 | COMPONENT CODE | P | I | P | E | X | X | 14 | COMP. SUBCODE | A | 15 | VALVE SUBCODE | Z | 16 |
17 | LER/RO REPORT NUMBER | 8 | 1 | 21 | EVENT YEAR | 8 | 1 | 22 | SEQUENTIAL REPORT NO. | 0 | 2 | 2 | 24 | OCCURRENCE CODE | 0 | 1 | 28 | REPORT TYPE | T | 30 | REVISION NO. | 0 | 32 |
ACTION TAKEN | F | 18 | FUTURE ACTION | Z | 19 | EFFECT ON PLANT | C | 20 | SHUTDOWN METHOD | Z | 21 | HOURS | 0 | 0 | 0 | 0 | 37 | ATTACHMENT SUBMITTED | N | 23 | NPRD-4 FORM SUB. | Y | 24 | PRIME COMP. SUPPLIER | N | 25 | COMPONENT MANUFACTURER | G | 0 | 8 | 0 | 26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)
10 | The failure was in a socket weld between the first and second manual isolation valves
11 | in a 3/4 inch leakoff line. The socket was bottomed out when welded which placed
12 | excess stress on the weld. Both valves were removed and a threaded pipe cap in-
13 | stalled. The cap was then seal welded. No further action deemed necessary.

15 | FACILITY STATUS | H | 28 | % POWER | 0 | 0 | 0 | 29 | OTHER STATUS | N/A | 30 | METHOD OF DISCOVERY | C | 31 | DISCOVERY DESCRIPTION | Operator Observation | 32 |
16 | ACTIVITY CONTENT RELEASED | Z | 33 | OF RELEASE | Z | 34 | AMOUNT OF ACTIVITY | N/A | 35 | LOCATION OF RELEASE | N/A | 36 |
17 | PERSONNEL EXPOSURES NUMBER | 0 | 0 | 0 | 37 | TYPE | Z | 38 | DESCRIPTION | N/A | 39 |
18 | PERSONNEL INJURIES NUMBER | 0 | 0 | 0 | 40 | DESCRIPTION | N/A | 41 |
19 | LOSS OF OR DAMAGE TO FACILITY TYPE | Z | 42 | DESCRIPTION | N/A | 43 |
20 | PUBLICITY ISSUED | N | 44 | DESCRIPTION | N/A | 45 |

NAME OF PREPARER B. Schroeder PHONE: (815)942-2920 Ext 523

8105200236

ATTACHMENT TO LICENSEE EVENT REPORT 81-22/01T-0  
COMMONWEALTH EDISON COMPANY (CWE)  
DRESDEN UNIT 2 (ILDRS-2)  
DOCKET # 050-237

During the refueling outage reactor vessel ASME hydrostatic test, a socket weld failure was found on a 3/4" bonnet leakoff line associated with the MO 2-202-5A valve. The crack was located between the first and second isolation valves on the leakoff line. All leakage was contained inside the drywell and directed to the Drywell Floor Drain System.

The cracked socket was ground out and examined to determine if there had been a sufficient gap between the pipe and elbow. It was found that the pipe was bottomed out so that the probable cause of the failure was thermal cracking due to the insufficient gap in the socket weld.

The crack was repaired by removing both valves and portion of the pipe. A threaded pipe cap was then installed and seal welded. No further action deemed necessary at this time.



Commonwealth Edison

# DEVIATION REPORT

DVR NO.	STA	UNIT	YEAR	NO.
	D-12	2	81	38

**PART 1** TITLE OF DEVIATION OCCURRED 5/3/81 0001  
DATE TIME

Socket Weld Failure on MO 2-202-5A Bonnet Leak Off Line

SYSTEM AFFECTED Recirc	202	PLANT CONDITIONS MODE <u>S/D</u> PWR(MWT) <u>0</u> LOAD(MWE) <u>0</u>	TESTING <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
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DESCRIPTION OF EVENT  
During an ASME Reactor Vessel Hydrostatic Test, a through-wall failure was found on a 3/4" Bonnet Leak off line associated with the MO 2-202-5A Valve.

DESCRIPTION OF CAUSE  
Unknown

OTHER APPLICABLE INFORMATION  
The failure was in a socket weld between the first and second manual isolation valves in the 3/4" leak off line.

EQUIPMENT FAILURE	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	DR NO. N/A	WR NO. D-13186	John W. Wujciga RESPONSIBLE SUPERVISOR	5/4/81 DATE
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**PART 2** OPERATING ENGINEERS COMMENTS  
Repairs will be completed prior to unit startup per the applicable codes.

TYPE OF DEVIATION REPORTABLE OCCURRENCE <input checked="" type="checkbox"/> 14 DAY <input type="checkbox"/> 10CFR21 <input type="checkbox"/> 30 DAY NOTIFICATION 6.6.B.1.c	EVENT OF POTENTIAL PUBLIC INTEREST <input type="checkbox"/>	TECH SPEC VIOLATION <input type="checkbox"/>	NON-REPORTABLE OCCURRENCE <input type="checkbox"/>	ANNUAL REPORTING YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	SAFETY-RELATED WR ISSUED YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
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REPORTABLE OCCURRENCE NUMBER <del>XX90</del> 81-22/01T-0	ACTION ITEM NO.	PROMPT ON-SITE NOTIFICATION R. M. Ragan	5/3/81	0020
		TITLE	DATE	TIME
		TITLE	DATE	TIME

24-HOUR NRC NOTIFICATION <input checked="" type="checkbox"/> TPH T. Tongue 5/4/81 0800 hrs REGION III DATE TIME	PROMPT OFF-SITE NOTIFICATION F. A. Palmer 5/4/81 1357 TITLE DATE TIME
<input checked="" type="checkbox"/> TGM J. Keppler 5/4/81 1412 REGION III & DOL DATE TIME	TITLE DATE TIME

RESPONSIBLE COMPANY OFFICER INFORMED OF 10CFR21 CONDITIONS AND THEIR REPORT TO NRC

REVIEW AND COMPLETED John W. Wujciga 5/4/81  
OPERATING ENGINEER DATE

ACCEPTANCE BY STATION REVIEW AS REQUIRED  
DATE  
RESOLUTION APPROVED AND AUTHORIZED FOR DISTRIBUTION

J. Brunner 5/14/81  
John W. Wujciga 5/14/81  
Douglas J. West 5/15/81  
STATION SUPERINTENDENT DATE