LICENSEE EVENT REPORT

CONTROL BLOCK: ① (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

Line	Field	Value
01	Licensee Code ②	I L D R S 3
01	License Number ③	0 0 - 0 0 0 0 0 - 0 0
01	License Type ④	4 1 1 1 1
01	CAT ⑤	
CON'T	Report Source ⑥	L
CON'T	Docket Number ⑦	0 5 0 0 0 2 4 9
CON'T	Event Date ⑧	0 3 1 7 8 2
CON'T	Report Date ⑨	0 3 3 0 8 2

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES ⑩

02 During refueling, dripping water within the drywell was traced to a .25 inch through-wall

03 crack in the .50 inch head seal leak detection piping located approximately 3 feet from

04 vessel flange. This event was of minimal safety significance because all leakage was

05 contained in the drywell floor drain system and potential leakage is within the capabil-

06 ity of the emergency core cooling systems. First occurrence of this type on the seal

07 leak detection system at Dresden.

08

System Code ⑪	Cause Code ⑫	Cause Subcode ⑬	Component Code ⑭	Comp. Subcode ⑮	Valve Subcode ⑯
C I	E	B	P I P E X X	A	Z

⑰ LER/RO REPORT NUMBER

Event Year		Sequential Report No.		Occurrence Code	Report Type		Revision No.
8 2	—	0 1 4	/	0 3	L	—	0

Action Taken ⑱	Future Action ⑲	Effect on Plant ⑳	Shutdown Method ㉑	Hours ㉒	Attachment Submitted ㉓	NPRD-4 Form Sub. ㉔	Prime Comp. Supplier ㉕	Component Manufacturer ㉖
X	B	Z	Z	0 0 0 0	Y	N	N	C 0 9 5

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS ㉗

10 The cause of the pipe crack is undetermined. Leakage (approximately 1 drop per minute)

11 is located in a section of pipe which can not be isolated. Repair and analysis will be

12 accomplished following cavity drain down and reactor vessel head installation. A

13 supplementary report will be issued after the completion of repair and analysis.

14

Line	Facility Status ㉘	% Power ㉙	Other Status ㉚	Method of Discovery ㉛	Discovery Description ㉜
15	H	0 0 0	N/A	A	Operator Observation

Line	Activity Released ㉝	Content of Release ㉞	Amount of Activity ㉟	Location of Release ㊱
16	Z	Z	N/A	N/A

PERSONNEL EXPOSURES

Line	Number ㊲	Type ㊳	Description ㊴
17	0 0 0	Z	N/A

PERSONNEL INJURIES

Line	Number ㊵	Description ㊶
18	0 0 0	N/A

LOSS OF OR DAMAGE TO FACILITY ㊸

Line	Type ㊷	Description
19	Z	N/A

PUBLICITY

Line	Issued ㊹	Description ㊺
20	N	N

8204120240 820330
PDR ADOCK 05000249
S PDR

NRC USE ONLY

NAME OF PREPARER G. W. Bergan PHONE: 815-942-2920, X-529

GPO 917-926

ATTACHMENT TO LICENSEE EVENT REPORT 82-014/03L-0
COMMONWEALTH EDISON COMPANY (CWE)
DRESDEN UNIT 3 (ILDRS-3)
DOCKET # 050-249

During the current refueling outage, workers discovered water dripping from the reactor vessel head seal leak detection piping upstream of Valve 3-220-52 approximately three feet from the vessel flange. All leakage was contained inside the drywell and directed to the Drywell Floor Drain System.

Upon further investigation, the leakage was determined to be coming from a .25 inch long through-wall crack in the .5 inch section of piping. The crack was approximately 45° from pipe axis. Calculations show that a complete severance of a .5 inch line such as this would be well within the capabilities of ECCS.

The exact cause of the pipe crack is undetermined at this time. Because the leakage (approximately 1 drop/minute) is not isolatable, repair and analysis will be accomplished following cavity drain down and reactor vessel head installation. An updated report will be issued after completion of repair and analysis.

Commonwealth Edison

DEVIATION REPORT

DVR NO. 12 (STA) - 3 (UNIT) - 82 (YEAR) - 20 (NO.)

PART 1 TITLE OF DEVIATION: Discovery of Crack in Unit 3 Head Seal Leakoff Line

OCCURRED: 3-17-82 (DATE) 1700 (TIME)

SYSTEM AFFECTED: 220 Head Leak Detection

PLANT STATUS AT TIME OF EVENT: MODE S/D, PWR(MWT) 0, LOAD(MWE) 0

TESTING: ☐ YES ☒ NO

DESCRIPTION OF EVENT: Visual inspection following discovery of dripping water in the drywell disclosed a small crack (.25 in.) in the head seal leak detection line on the Rx side of the 3-220-52 valve. The crack is in the .5 in. line.

10 CFR50.72 NRC RED PHONE NOTIFICATION MADE: ☐ YES ☒ NO

EQUIPMENT FAILURE: ☒ YES ☐ NO WORK REQUEST NO. 19350

RESPONSIBLE SUPERVISOR: Michael Wright DATE: 3/18/82

PART 2 OPERATING ENGINEER'S COMMENTS: The line will be repaired and retested following Rx reloading when the Rx cavity is drained. All leakage is contained within the drywell floor drain system.

☐ EVENT OF PUBLIC INTEREST

☐ TECH. SPEC. VIOLATION

☐ NON REPORTABLE OCCURRENCE

☐ 14 DAY REPORTABLE/T.S _____

☒ 30 DAY REPORTABLE/T.S. 6.6.B.2.d

☐ ANNUAL/SPECL REPORT REQ'D

A.I.R. # _____

L.E.R. # 82-14/03L-0

☒ 24-HOUR NRC NOTIFICATION REQ'D

TELEPH: M. Jordan, REGION III — 3-17-82 (DATE) 1710 (TIME)

TELEGM/TELECOPY: J. Keppler, REGION III — 3-18-82 (DATE) 1114 (TIME)

☐ CECo CORPORATE NOTIFICATION MADE IF ABOVE NOTIFICATION IS PER 10CFR21

☐ 5-DAY WRITTEN REPORT REQ'D PER 10CFR21

TELEPH: F. A. Palmer, CECo CORPORATE OFFICER — 4-1-82 (DATE) 1319 (TIME)

Reclassified from a 14 day to a 30 day occurrence.

PRELIMINARY REPORT COMPLETED AND REVIEWED: Michael Wright, OPERATING ENGINEER — 3-18-82 (DATE)

INVESTIGATED REPORT & RESOLUTION ACCEPTED BY STATION REVIEW: J Brunner 3/30/82 — Michael Wright 3-31-82

RESOLUTION APPROVED AND AUTHORIZED FOR DISTRIBUTION: Douglas Scott, STATION SUPERINTENDENT — 4/5/82 (DATE)

88-5176 (FORM 15-52-11 10-81)