

LICENSEE EVENT REPORT

CONTROL BLOCK:

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1 6

[PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME					LICENSE NUMBER										LICENSE TYPE					EVENT TYPE				
01	Z	Z	Q	A	D	1	0	0	-	0	0	0	0	-	0	0	4	1	1	1	1	0	1	
7	8	9			14	15											25	26				30	31	32

CATEGORY		REPORT TYPE	REPORT SOURCE	DOCKET NUMBER										EVENT DATE					REPORT DATE										
01	CONT	DI	T	1	0	5	0	-	0	2	5	4	0	1	0	5	7	6	0	1	1	6	7	6					
7	8	57	58	59	60	61													68	69				74	75				80

EVENT	DESCRIPTION
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On January 5, 1976, a Unit 1 drywell surveillance, during a refueling outage, revealed a pinhole leak in vessel penetration (N-SR) Area Line 1-0212-3/4-A. All ECCS were operable at the time of the occurrence. The pinhole leak was in the weld at the pipe penetration joint. The weld is to be

SYSTEM CODE		CAUSE CODE	COMPONENT CODE						PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER				VIOLATION		
07																
7	8	9	10	11	12	13	14	15	16	17	43	44	45	46	47	48

CAUSE DESCRIPTION

08	7	8	9	The instrument dated 27-5-1964 was cancelled.	80
09	7	8	9	Police Department filed suit for cancellation of the instrument.	80
10	7	8	9	Police will be initiated with a charging.	80

FACILITY STATUS		% POWER			OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION	
1	1	H	0	0	0	NA	B	NA		
7	8	9	10	11	12	13	44	45	46	80

FORM OF ACTIVITY RELEASED 12 9 CONTENT OF RELEASE 10 11 AMOUNT OF ACTIVITY NA 44 LOCATION OF RELEASE NA 45 80

PERSONNEL EXPOSURES

NUMBER				TYPE	DESCRIPTION
1	3			1	14

PERSONNEL INJURIES

NUMBER				DESCRIPTION
1	4			NA

OFFSITE CONSEQUENCES

15 | _____

LOSS OR DAMAGE TO FACILITY

TYPE		DESCRIPTION
1	6	
7	8	
9	10	

PUBLICITY

17 89 8306170070 760116

ADDITIONAL FACTS

18	Event Description (Cont'd) - ground out, rewelded and 4 hrs. faster
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19 | Letter dated 12. (RD-SC-254/76-1) | 89

NAME: Paul H. Fox

PHONE: 319-654-2241 X252

REPORT NUMBER: RO 50-254/76-1

REPORT DATE: January 16, 1976

OCCURRENCE DATE: January 5, 1976

FACILITY: Quad-Cities Nuclear Power Station
Cordova, Illinois 61242

IDENTIFICATION OF OCCURRENCE:

A pinhole leak was found on vessel instrumentation penetration N-8B seal drain line 1-0213-3/4"-A.

CONDITIONS PRIOR TO OCCURRENCE:

Unit 1 was in the SHUTDOWN mode for a refueling outage.

DESCRIPTION OF OCCURRENCE:

On January 5, 1976, a visual examination of Unit 1 piping located in the drywell was in progress with the unit shutdown for a refuel outage. At 10:00 a.m. a pinhole leak was located on line 1-0213-3/4"-A, the drainline to instrumentation penetration N-8B seal. The leak was located in the drain line-to-penetration joint weld. A work request was issued to repair the drainline leak.

DESIGNATION OF APPARENT CAUSE OF OCCURRENCE:

Equipment Failure-

The apparent cause of this occurrence is designated as equipment failure. The pinhole leak originated at a stress point on the weld joining the pipe to the instrument penetration. The stress point was apparently caused by an improper fillet weld at the pipe penetration joint.

ANALYSIS OF OCCURRENCE:

Safety implications are minimal due to the fact that the drain line leak was very small. If the pinhole leak had increased in size, the increased leakage would have been detected by routine surveillance of the drywell sump level. The supply of coolant to the reactor was not jeopardized since adequate Emergency Core Cooling System operability had been maintained at all times. In no way was the health and safety of the public affected by this occurrence.

CORRECTIVE ACTION:

The weld at the pipe penetration joint will be ground out and rewelded to prevent any further leakage. The weld will be dye penetrant tested and inspected during hydrostatic testing of the pressure vessel prior to the Unit 1 startup.

FAILURE DATA:

Although there have been several pipe weld failures in the past, this is the first failure of this type on a vessel penetration seal drain line. Failures of this type causing excessive leakage within the containment are quickly detected during routine surveillance of the drywell sump levels.



Commonwealth Edison
Quad-Cities Generating Station
Post Office Box 216
Cordova, Illinois 61242
Telephone 309/654-2241

NJK-76-18

January 16, 1976



J. Keppler, Regional Director
Office of Inspection and Enforcement
Region III
U. S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137

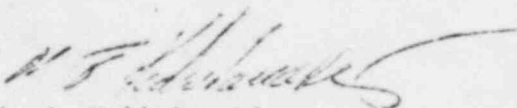
Reference: Quad-Cities Nuclear Power Station
Docket No. 50-254, DPR-29, Unit 1
Appendix A, Section 6.6.B.1.c

Enclosed please find Reportable Occurrence Report No. RO 50-254/76-1 for Quad-Cities Nuclear Power Station. This occurrence was previously reported to Region III, Office of Inspection and Enforcement by telephone and by telecopy on January 5, 1976.

This report is submitted to you in accordance with the requirements of Technical Specification 6.6.B.1.

Very truly yours,

COMMONWEALTH EDISON COMPANY
QUAD-CITIES NUCLEAR POWER STATION


N. J. Kalivianakis
Station Superintendent

NJK/PRF/ik

cc: G. A. Abrell

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1976