



Commonwealth Edison
Quad-Cities Nuclear Power Station
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D. K. ...
IE FILE COPY

NJK-76-328

September 7, 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, Sections 3.7.D.1, 6.6.B.2.b

Enclosed please find Reportable Occurrence Report No. 50-254/76-28
for Quad-Cities Nuclear Power Station.

This report is submitted to you in accordance with the requirements
of Technical Specification 6.6.B.2.

Very truly yours,

COMMONWEALTH EDISON COMPANY
QUAD-CITIES NUCLEAR POWER STATION

N. J. Kalivianakis
N. J. Kalivianakis
Station Superintendent

NJK/JAS/1k

cc: G. A. Abrell

COPY SENT REGION *III*

8306170080 760907
PDR ADOCK 05000254
S PDR

SEP 9 1976

LICENSEE EVENT REPORT

CONTROL BLOCK:

1					6

[PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME					LICENSE NUMBER								LICENSE TYPE					EVENT TYPE					
01					0	0	-	0	0	0	0	0	-	0	0	4	1	1	1	1	0	3	
7	8	9		14	15										25	26					30	31	32

CATEGORY		REPORT TYPE	REPORT SOURCE	DOCKET NUMBER					EVENT DATE				REPORT DATE										
01	CON'T			0	5	0	-	0	2	5	4	0	8	0	9	7	6	0	9	0	7	7	6
7	8	57	58	59	60	61					68	69				74	75					80	

EVENT DESCRIPTION

02	At 5:00 pm on August 9, 1976 position indication was lost on Reactor Water Cleanup	80
03	System Isolation valve M0 1-1201-2. In-line valve M0 1-1201-5 was immediately closed	80
04	in accordance with Technical Specification 3.7.D.2. Upon investigation it was found	80
05	that the control transformer for valve M0 1-1201-2 was burned out. Primary Containment	80
06	Isolation Relay 595-125 was also burned out. Work Request 2902-76 was issued and the	80

SYSTEM CODE		CAUSE CODE	COMPONENT CODE					PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER				VIOLATION	
07	C G	E	C	K	T	R	R	K	N	G	0	8	0	N
7	8 9 10	11	12					17	43	44			47	48

CAUSE DESCRIPTION

08	(Proximate Cause-Equipment Failure) Inoperability of Reactor Water Cleanup System	7 8 9	80
02	Isolation Valve M0 1-1201-2 was caused by relay 595-125 shorting out and then burning	7 8 9	80
10	up the control transformer.	7 8 9	80

FACILITY STATUS		% POWER			OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION	
1	1	F	0	7	5	NA	A	NA		
7	8	9	10	11	12	13	44	45	46	80

FORM OF ACTIVITY RELEASED

1 2

7 8

9

CONTENT OF RELEASE

10

11

AMOUNT OF ACTIVITY

NA

44

45

LOCATION OF RELEASE

NA

80

PERSONNEL EXPOSURES

NUMBER				TYPE	DESCRIPTION
1	3	0	0	0	Z NA

PERSONNEL INJURIES

NUMBER				DESCRIPTION	
1	4	0	0	0	NA

OFFSITE CONSEQUENCES

15 NA 80

LOSS OR DAMAGE TO FACILITY

TYPE			DESCRIPTION
1	6	Z	NA

PUBLICITY

7 8 9 NA 80

ADDITIONAL FACTORS

18	(Event Desc. cont) relay and transformer were replaced within 150 minutes. Valves
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19 MO 1-1201-5 and MC 1-1201-80 were fully operable and would have isolated the Cleanup

NAME: James A. Swales

PHONE: 309-654-2241 ext. 252

ADDITIONAL FACTORS

System had a Group III Isolation condition been received. Upon return to service, MO 1-1201-2 was tested satisfactorily for operability. The corrective action taken is felt to be adequate to prevent recurrence. This is the first failure of this valve; however, MO 2-1201-2 experienced a torque switch failure in December 1974. (RO 50-254/76-28)