

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CONTROL BLOCK:

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0	1	1	L	Q	A	D	2	2	0	0	0	-	0	0	0	-	0	0	0	3	4	1	1	1	1	4			5		
7	8	9	LICENSEE CODE					14	15	LICENSE NUMBER										25	26	LICENSE TYPE					30	57	CAT		58

CON'T

REPORT SOURCE L 6 0 5 0 0 0 2 6 5 7 0 9 0 1 8 3 8 0 6 1 8 8 4 9

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

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | On September 1, 1983, at 3:23 a.m., while performing Control Rod Drive Weekly
0 3 | Exercise, QOS 300-1, control rod C-10 (10-39) went to overtravel, indicating a
0 4 | possible uncoupling. The control rod was fully inserted and electrically
0 5 | disarmed; thereby satisfying Technical Specification 3.3.B.1. A review of past
0 6 | surveillances show the control rod has been coupled since the last unit shutdown.
0 7 | Thus, there was no degrading effect on the safety of the plant. This control rod
0 8 | drive has been in the Unit Two Reactor vessel since January 1980.

SYSTEM CODE R B 11		CAUSE CODE E 12		CAUSE SUBCODE B 13		COMPONENT CODE C O N R O D 14		COMP. SUBCODE Z 15		VALVE SUBCODE Z 16	
LER/RO REPORT NUMBER 17		EVENT YEAR 8 3 21 22		SEQUENTIAL REPORT NO. 0 1 3 24 26		OCCURRENCE CODE 0 3 28 29		REPORT TYPE L 30		REVISION NO. 1 32	
ACTION TAKEN C 18		FUTURE ACTION Z 19		EFFECT ON PLANT Z 20		SHUTDOWN METHOD Z 21		HOURS 0 0 0 0 22		ATTACHMENT SUBMITTED N 23	
NPRD-4 FORM SUB. N 24		PRIME COMP. SUPPLIER N 25		COMPONENT MANUFACTURER G 0 8 0 26							

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

		SEE ATTACHED SHEET
1	0	
1	1	
1	2	
1	3	
1	4	

8 9 FACILITY STATUS 1 5 E (28) 29 % POWER 0 5 0 30 OTHER STATUS NA 31 METHOD OF DISCOVERY B 32 DISCOVERY DESCRIPTION Weekly Surveillance

ACTIVITY CONTENT
RELEASED OF RELEASE

1 6 Z (33) Z (34) NA

3 8 9 10 11 44

AMOUNT OF ACTIVITY (35)

NA

45 80

LOCATION OF RELEASE (36)

PERSONNEL EXPOSURES

NUMBER			TYPE	DESCRIPTION
1	7	000	(37) Z (38)	(39) NA

PERSONNEL INJURIES		DESCRIPTION		NA	
NUMBER		DESCRIPTION		NA	
1	8	0	0	0	40

8407020126 840618
PDR ADOCK 05000265
S PDR

8	9	11	12		
LOSS OF OR DAMAGE TO FACILITY		(43)			
TYPE		DESCRIPTION			
1	9	Z	(42)	NA	1/1 1822

7 8 9 10
PUBICITY
ISSUED DESCRIPTION (45) NA
2 0 N (44)
NRC USE ONLY

NRC USE ONLY

309-654-2241, ext 175

J Carney

PHONE

ATTACHMENT

CAUSE, DESCRIPTION AND CORRECTIVE ACTIONS

The most probable cause of this event is due to the accumulation of dirt on the inner filter of the control rod drive. If the inner filter becomes embedded with dirt, it can lift off its seat because of the increase in differential pressure in the area of the filter. When the filter lifts up it can push up against the uncoupling rod assembly causing the control rod drive to uncouple itself.

The Control Rod Drive Disassembly and Inspection Checklist (QMP 600-S4) for this drive indicates that one-half of the inner filter was filled with dirt. Also, the radiation level at the filter area before disassembly was high (6-R) indicating an accumulation of dirt in the filters. During the overhaul of the drives, all parts are thoroughly cleaned, including the filters, before the reassembly process.

After this control rod drive was removed from the Reactor vessel it was overhauled and returned to the Storeroom. A new drive, Serial Number 12-163, was installed in the Reactor vessel in Position C-10 (10-39).



Commonwealth Edison

Quad Cities Nuclear Power Station
22710 206 Avenue North
Cordova, Illinois 61242
Telephone 309/654-2241

DMB

NJK-84-200

June 18, 1984

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

Reference: Quad-Cities Nuclear Power Station
Docket Number 50-265, DPR-30, Unit Two
Appendix A, Sections 3.3.B.1 and 6.6.B.2.b

Enclosed please find Reportable Occurrence Number 83-13/03L-1,
for Quad-Cities Nuclear Power Station. This revision specifies the
cause and corrective actions taken to correct the problem.

This report is submitted to you in accordance with the require-
ments of Technical Specification 6.6.B.2.b; as a condition leading to
operation in a degraded mode permitted by a limiting condition for
operation.

Respectfully,

COMMONWEALTH EDISON COMPANY
QUAD-CITIES NUCLEAR POWER STATION

L. J. Kalivianakis for

N. J. Kalivianakis
Station Superintendent

NJK:JV/bb

Enclosure

cc B. Rybak
A. Morrongiello
INPO Records Center

JUN 27 1984

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