

**LICENSEE EVENT REPORT**

CONTROL BLOCK: \_\_\_\_\_ ①

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	1	L	Q	A	D	1	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

7 8 60 61 68 69 74 75 80

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

DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

On March 10, 1983, while preparing for a Unit 1 outage, the Reactor Operator inadvertently inserted the control rods in the reverse order as specified by the approved sequence procedure. Control rods were inserted in this manner until the Reactor was manually scrammed as per normal shutdown procedure at approximately 9 percent rated core thermal power. Due to the routine surveillances which verify rod coupling integrity and the relatively short amount of time that the Reactor was operated under 20 percent core thermal power, the probability of a design bases reactivity insertion event was minimal.

SYSTEM CODE R B 11		CAUSE CODE A 12		CAUSE SUBCODE A 13		COMPONENT CODE Z Z Z Z Z Z 14				COMP SUBCODE Z 15		VALVE SUBCODE Z 16					
EVENT YEAR 8 3 21 22		SEQUENTIAL REPORT NO. 0 1 2 24 26		OCCURRENCE CODE 0 1 28 29		REPORT TYPE T 30		REVISION NO. 1 32									
ACTION TAKEN X 18		FUTURE ACTION X 19		EFFECT ON PLANT Z 20		SHUTDOWN METHOD Z 21		HOURS 0 0 0 0 22 40		ATTACHMENT SUBMITTED Y 23		NPRD-4 FORM SUB. N 24		PRIME COMP. SUPPLIER Z 25		COMPONENT MANUFACTURER X 9 9 9 26 44 47	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 | The cause of this occurrence is personnel error. After detailed investigations by

1 1 | C.E.Co. Station and Corporate management, a list of corrective actions were devised

1 2 | which were felt to be sufficient to preclude a recurrence of this nature.

1 3 | SEE ATTACHMENT.

1 4 |

FACILITY STATUS (1) 5 (2) D (3) 28 (4) 0 (5) 8 (6) 1 (7) 29 (8) NA (9) 30  
 % POWER  
 OTHER STATUS  
 METHOD OF DISCOVERY (1) B (2) 31 (3) Nuclear Engineer's Rod Movement Review (4) 32  
 DISCOVERY DESCRIPTION  
 ACTIVITY CONTENT (1) 1 (2) 6 (3) Z (4) 33 (5) Z (6) 34 (7) NA (8) 35  
 RELEASED OF RELEASE  
 AMOUNT OF ACTIVITY  
 LOCATION OF RELEASE (1) NA (2) 36

PERSONNEL EXPOSURES									
NUMBER			TYPE	DESCRIPTION					
1	7	0	0	0	(37)	Z	(38)	NA	(39)

PERSONNEL INJURIES		NUMBER		DESCRIPTION	
1	2	0	0	0	40 NA

LOSS OF OR DAMAGE TO FACILITY (43)  
TYPE DESCRIPTION  
1 9 Z (42) NA  
2 8 9 10  
8309230371 830909  
PDR ADOCK 05000254  
S

PUBLICATION		ISSUED		DESCRIPTION		PDR		NRC USE ONLY	
2	0	N	44	NA					
7	8	9	10			68		69 80	

NAME OF PREPARER G Tietz

PHONE 309-654-2241, ext 243

### Corrective Actions to Prevent Recurrence

The following are those corrective actions that have been taken or will be taken pertaining to the control rod insertion error event.

1. The Station Superintendent will meet with each person involved in the incident to discuss with him his understanding of the event, and to personally emphasize the scope of importance of accountability for his actions. In addition, the Station Superintendent will conduct accountability meetings with all plant personnel in groups.
2. A committee will be formed to implement a special program to monitor all the work activities of Control Room personnel involved in the event.
3. A new system for control rod movements and sequences will be established. The system will provide clearer instructions and provide a better means of documentation for rod movements. To implement this system, Station procedures will be revised to direct responsibilities and provide instructions.
4. The Rod Worth Minimizer (RWM) procedures (QOP 207 block and QTP 680 block) will be revised. These procedures will provide better instructions for operation, sequence loading, initializing and determining operability.
5. Training will be accomplished on the aforementioned procedures for Control Room employees.



**Commonwealth Edison**

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

NJK-83-322

September 12, 1983

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

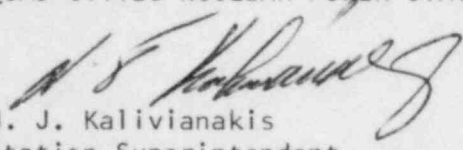
Reference: Quad-Cities Nuclear Power Station  
Docket Number 50-254, DPR-29, Unit One  
Appendix A, Section 3.3.B.3.a

Enclosed please find Reportable Occurrence Report Number RO 83-12/01T-1 for Quad-Cities Nuclear Power Station. This occurrence was previously reported to Region III, Office of Inspection and Enforcement by telephone and telecopy on March 11, 1983.

This report is submitted to you in accordance with the requirements of Technical Specification 6.6.B.1.f.; personnel error which could prevent, by itself, the fulfillment of the functional requirements of a system used to cope with accidents analyzed in the SAR. This supplement is being transmitted to specify the corrective actions taken as a result of this incident.

Respectfully,

COMMONWEALTH EDISON COMPANY  
QUAD-CITIES NUCLEAR POWER STATION

  
N. J. Kalivianakis  
Station Superintendent

NJK:GCT/bb

Enclosures

cc B. Rybak  
A. Morrongiello  
INPO Records Center

SEP 16 1983

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