



Commonwealth Edison
Quad-Cities Nuclear Power Station
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IE FILE COPY

D. Larkins

NJK-76-334

September 30, 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 3.5.B.4, 6.6.B.2.b

Enclosed please find Reportable Occurrence Report No. 50-254/76-20
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/MPF/saw

cc: G.A. Abrell

8306100321 761013
PDR ADDCK 05000254
S PDR

10969

OCT 4 1976

LICENSEE EVENT REPORT

CONTROL BLOCK: 1 6

[PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME	LICENSE NUMBER	LICENSE TYPE	EVENT TYPE
01 I L Q A D I	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 CONT	L	L	0 5 0 - 0 2 5 4	0 9 0 2 7 6	0 9 3 0 7 6
7 8	57 58	59 60	61 68	69 74	75 80

EVENT DESCRIPTION

02	The circuit breaker of the containment spray loop "A" inboard valve M0-1-1001-26A	80
03	tripped at the end of the valve closure stroke during month'y valve operability	80
04	surveillance. The valve opened satisfactorily with no subsequent breaker trip.	80
05	Work Request #3216-76 was written to investigate and repair. The valve was left in	80
06	the open position until repairs could be made. Since the loop "A" inboard valve was	80

SYSTEM CODE	CAUSE CODE	COMPONENT CODE	PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER	VIOLATION
07 S B	E	V A L V O P	A	L 2 0 0	N
7 8 9 10	11	12 17	43	44 47	48

CAUSE DESCRIPTION

08	(Proximate Cause-Equipment Failure) Valve operability was affected due to hydraulic	80
09	lock of the valve limitorque operator. An excessive grease lubricant level resulted in	80
10	grease compaction and an overload condition on the valve operator, thereby causing the	80
	circuit breaker to trip.	80

FACILITY STATUS	% POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION
11 F	0 6 4	NA	B	Monthly Valve Operability Surveillance
7 8 9	10 12 13	44	45	46 80

FORM OF ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY	LOCATION OF RELEASE
12 Z	Z	NA	NA
7 8 9	10 11	44	45 80

PERSONNEL EXPOSURES

NUMBER	TYPE	DESCRIPTION
13 0 2 0	Z	NA
7 8 9 11	12	13 80

PERSONNEL INJURIES

NUMBER	DESCRIPTION
14 0 0 0	NA
7 8 9 11	12 80

OFFSITE CONSEQUENCES

15	None; Loop "B" of Containment Spray was still operable.	80
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LOSS OR DAMAGE TO FACILITY

TYPE	DESCRIPTION
16 Z	NA
7 8 9 10	80

PUBLICITY

17	NA	80
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ADDITIONAL FACTORS

18	(EVENT CONT'D) secured in the OPEN Position, loop "A" could have been used by	80
19	opening outboard valve M0 1-1001-23A. Also, all components of containment spray (cont)	80

NAME: M.P. Flasch

PHONE: 309-654-2241

ADDITIONAL FACTORS

(EVENT DESCRIPTION CONT'D)

loop "B" were fully operable. Both suppression pool cooling loops of RHRS were likewise available and capable of performing as designed.

Corrective Action to Prevent Recurrence

The valve operator was disassembled and the excessive grease was removed. The actual fill level was reduced prior to re-assembly. After the valve was returned to service, it was cycled open and closed three times successfully. No breaker tripping was observed at the end of the closure phase. This has been the first occurrence at Quad-Cities Station whereby excessive grease has resulted in a limitorque operator being rendered inoperable. The corrective action taken is deemed adequate to resolve this occurrence.