



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

IE FILE COPY

NJK-76-313

August 19, 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  
Docket No. 50-265, DPR-30, Unit 2  
Appendix A, Section 6.6.B.1.h.

Enclosed please find Reportable Occurrence Report No. 50-254/76-27 for Quad-Cities Nuclear Power Station. This occurrence was previously reported to Region III, Office of Inspection and Enforcement by telephone on August 6, 1976 and by telecopy on August 6, 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

COPY SENT REGION

NJK/GS/tv

cc: G. A. Abrell

3831

8306170087 760819  
PDR ADOCK 05000254  
S PDR

AUG 23 1976

## LICENSEE EVENT REPORT

CONTROL BLOCK:

1					6

[PLEASE PRINT ALL REQUIRED INFORMATION]

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

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

EVENT DESCRIPTION	DATE	TIME	LOCATION	STATUS
1. General Meeting	10/15/2023	18:00	Room 101	Completed
2. Training Session	10/22/2023	09:00	Room 202	Completed
3. Project Review	11/05/2023	14:00	Room 101	Completed
4. Client Meeting	11/12/2023	10:00	Room 303	Completed
5. Team Building	11/19/2023	08:00	Room 404	Completed
6. Quarterly Report	12/01/2023	16:00	Room 101	Completed
7. New Hire Orientation	12/08/2023	09:00	Room 202	Completed
8. Annual Conference	12/15/2023	08:00	Room 505	Completed
9. Holiday Party	12/22/2023	18:00	Room 606	Completed
10. Year-End Review	12/29/2023	14:00	Room 101	Completed

02 An ECCS analysis performed by General Electric for a BWR-3 Type plant resulted in a  
7 8 9 80  
03 calculated peak clad temperature greater than 2200°F for reduced core flows. This  
7 8 9 80  
04 analysis requires additional margin to current maximum average planar linear heat  
7 8 9 80  
05 generation rate limits to preclude operation in the area where the peak clad tempera-  
7 8 9 80  
06 ture could exceed 2200°F (R0 50-254/76-27).  
7 8 9 80

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

## CAUSE DESCRIPTION

08	The apparent cause of this occurrence is the severity of conservatism associated	
7 8 9	with using the approved Appendix K ECCS evaluation model at less than rated core	80
09	flows. As an interim corrective action taken until review of this generic concern	
7 8 9	with the NRC may be accomplished and a final resolution obtained, Quad-Cities has	80
10	imposed a 5% reduction in maximum average planar linear heat generation rate limits	
7 8 9		80

FACILITY STATUS		% POWER			OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION	
11	C	0	3	0	NA		D	NA		
7	8	9	10	11	12	13	44	45	46	80

FORM OF ACTIVITY RELEASED      CONTENT OF RELEASE      AMOUNT OF ACTIVITY      LOCATION OF RELEASE

1 2      2      NA      NA

7 8      9 10 11      44      45 80

## PERSONNEL EXPOSURES

NUMBER			TYPE	DESCRIPTION
13	000	Z	NA	

## PERSONNEL INJURIES

NUMBER			DESCRIPTION
14	000		NA

### OFFSITE CONSEQUENCES

1	5	NA		
7	8	9		80

## LOSS OR DAMAGE TO FACILITY

TYPE			DESCRIPTION
1	6	Z	NA

## PUBLICITY

17	NA
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ADDITIONAL FACTORS (Cause Description cont.)

18 | for core flows less than 85% of rated. Quad-Cities has always typically maintained  
7 8 9 | a 15% margin to these limits, so this occurrence is not expected to pose any  
19 | operational problems.  
7 8 9 |

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