

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Quad-Cities Nuclear Power Station Unit 1										DOCKET NUMBER (2) 0 5 0 0 0 2 5 4					PAGE (3) 1 OF 0 2								
TITLE (4) Secondary Containment Potential Problem																							
EVENT DATE (5)			LER NUMBER (6)				REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)													
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES None				DOCKET NUMBER(S) 0 5 0 0 0										
0	5	0	1	8	4	8	4	0	0	6	0	0	0	5	1	2	8	4	0	5	0	0	0
OPERATING MODE (9) 1		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §. (Check one or more of the following) (11)																					
POWER LEVEL (10) 01010		20.402(b)				20.405(e)				50.73(a)(2)(iv)				73.71(b)									
		20.405(a)(1)(i)				50.36(e)(1)				50.73(a)(2)(v)				73.71(c)									
		20.405(a)(1)(ii)				50.36(e)(2)				50.73(a)(2)(vii)				OTHER (Specify in Abstract below and in Text, NRC Form 365A)									
		20.405(a)(1)(iii)				50.73(a)(2)(i)				50.73(a)(2)(viii)(A)													
		20.405(a)(1)(iv)				50.73(a)(2)(ii)				50.73(a)(2)(vii)(B)													
		20.405(a)(1)(v)				50.73(a)(2)(iii)				50.73(a)(2)(x)													
LICENSEE CONTACT FOR THIS LER (12)																							
NAME Gary Spedl										TELEPHONE NUMBER 3 0 9 6 5 4 - 1 2 2 4 1													
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																							
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDs		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDs													
SUPPLEMENTAL REPORT EXPECTED (14)												EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR							
<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE)												<input checked="" type="checkbox"/> NO											

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

Performance of maintenance on Turbine Isolation Valves (ISV) and Main Steam Isolation Valves (MSIV), requiring valve disassembly, resulted in a communication via the main steam piping between the Reactor Building and Turbine Building. Although both units were in Cold Shutdown and Secondary Containment was not required at the time, a review of this event, in light of Secondary Containment valve disassembly during single unit outages, revealed a potential for Secondary Containment problems. Since Station procedures did not address Secondary Containment concerns with valve maintenance procedures, a procedure assuring Secondary Containment during valve disassembly and pipe removal was implemented.

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES 8/31/85

FACILITY NAME (1) Quad-Cities Nuclear Power Station Unit 1	DOCKET NUMBER (2) 0 5 0 0 0 2 5 4 8 4 — 0 0 6 — 0 0	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
					0 2	OF	0 2

TEXT (If more space is required, use additional NRC Form 366A's) (17)

Event Description

On May 1, 1984, at 0800 hours, while performing maintenance on Turbine Isolation Valves (ISV) Main Stop Valve 1 and Main Stop Valve 2, Station Maintenance personnel noticed air flowing through the opened valve bodies. Upon alerting Operating personnel, it was quickly discovered that concurrent with the ISV work, there was also a Main Steam Isolation valve (MSIV) in the MSIV room which was disassembled for maintenance. This resulted in a communication via main steam piping between the Reactor Building and Turbine Building. Since both units were in Cold Shutdown, at this time, and the requirements established in Technical Specification 3.7.C.1 were met, Secondary Containment was not required and therefore, not affected by this event. A review of this event, in light of Secondary Containment valve disassembly during single unit outages, reveals a potential for Secondary Containment problems.

Cause

The cause of this deviation is procedural inadequacy. Personnel were not accustomed to relating valve maintenance with a potential Secondary Containment flow path, and Station procedures did not address Secondary Containment concerns with valve maintenance procedures.

Corrective Action

The NRC was notified the same day the problem was recognized. A procedure (QMP 100-45) assuring Secondary Containment during valve disassembly and pipe removal was implemented the following day. The procedure for use of Nuclear Work Requests (QAP 1500-2) is being changed to instruct Operating Engineers to signal pertinent Work Requests with stamps, that read "Caution-This Can Affect Secondary Containment".

This corrective action is deemed adequate to prevent recurrence. Occurrences of this type could have happened in the past, however, standard Turbine maintenance practices have always included a temporary plug for valves opened for maintenance. The temporary plug has afforded a degree of Containment integrity.



Commonwealth Edison

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NJK-84-177

May 23, 1984

U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

Reference: Quad-Cities Nuclear Power Station
Docket Number 50-254, DPR-29, Unit One

Enclosed please find Licensee Event Report Number (LER)
84-006 for Quad-Cities Nuclear Power Station.

This report is submitted to you in accordance with the
requirements of the Code of Federal Regulations, Title 10,
Part 50.73(a)(2)(ii), as a condition concerning a Secondary
Containment potential problem.

Respectfully,

COMMONWEALTH EDISON COMPANY
QUAD-CITIES NUCLEAR POWER STATION

N. J. Kalivianakis
Station Superintendent

NJK:JV/bb

Enclosure

cc B. Rybak
A. Morrongiello
INPO Records Center
ANI Library

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