

LICENSEE EVENT REPORT (LER)

Facility Name (1) QUAD-CITIES NUCLEAR POWER STATION, UNIT TWO Docket Number (2) 0 | 5 | 0 | 0 | 0 | 2 | 6 | 5 | 1 | of | 0 | 3 Page (3)

Title (4) LEAK RATE FROM ALL VALVES AND PENETRATIONS IN EXCESS OF SPECIFICATION LIMITS

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	Docket Number(s)	
04	20	88	88	0017	00	04	26	88		0   5   0   0   0   1	

OPERATING MODE (9) 1

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10CFR (Check one or more of the following) (11)

<input type="checkbox"/> 20.402(b)	<input type="checkbox"/> 20.405(c)	<input type="checkbox"/> 50.73(a)(2)(iv)	<input type="checkbox"/> 73.71(b)
<input type="checkbox"/> 20.405(a)(1)(i)	<input type="checkbox"/> 50.36(c)(1)	<input type="checkbox"/> 50.73(a)(2)(v)	<input type="checkbox"/> 73.71(c)
<input type="checkbox"/> 20.405(a)(1)(ii)	<input type="checkbox"/> 50.36(c)(2)	<input type="checkbox"/> 50.73(a)(2)(vii)	<input type="checkbox"/> Other (Specify in Abstract below and in Text)
<input type="checkbox"/> 20.405(a)(1)(iii)	<input type="checkbox"/> 50.73(a)(2)(i)	<input type="checkbox"/> 50.73(a)(2)(viii)(A)	
<input type="checkbox"/> 20.405(a)(1)(iv)	<input checked="" type="checkbox"/> 50.73(a)(2)(ii)	<input type="checkbox"/> 50.73(a)(2)(viii)(B)	
<input type="checkbox"/> 20.405(a)(1)(v)	<input type="checkbox"/> 50.73(a)(2)(iii)	<input type="checkbox"/> 50.73(a)(2)(x)	

LICENSEE CONTACT FOR THIS LER (12)

Name: Keith A. Perkins, Technical Staff Engineer Ext. 2182

TELEPHONE NUMBER: AREA CODE 3 | 0 | 9 | 6 | 5 | 4 | - | 2 | 2 | 4 | 1

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFAC-TURER	REPORTABLE TO NPRDS	CAUSE	SYSTEM	COMPONENT	MANUFAC-TURER	REPORTABLE TO NPRDS

SUPPLEMENTAL REPORT EXPECTED (14)

Yes (If yes, complete EXPECTED SUBMISSION DATE)  NO

Expected Submission Date (15) Month | Day | Year 1 | 0 | 0 | 7 | 8 | 8

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

On April 10, 1988, Quad Cities Unit Two was shutdown for the end of cycle 9 refueling and maintenance outage. On April 13, 1988 at 1630 hours, it was determined that the measured combined leakage rate from all penetrations and valves, excluding the Main Steam Isolation Valves, exceeded the Technical Specifications (3.7.A.2) limit of 293.75 SCFH (0.60La). This was identified while local leak rate testing the 2-220-58B and 2-220-62B feedwater check valves.

The failure mode of the penetrations and valves is not known at this time since the testing and repair of these items is not complete. A supplemental report will address leak rate testing and repairs when this is completed. This report is submitted to comply with the requirements of 10CFR50.73(a)(2)(ii).

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)						Page (3)		
		Year	///	Sequential Number	///	Revision Number				
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TEXT										

D. SAFETY ANALYSIS OF EVENT:

The safety consequences of this event were minimal since local leak rate testing is a conservative method of measuring containment leakage. During accident conditions, the actual leakage would be less than that determined by local leak rate testing since some lines would be pressurized with water instead of air and some Non-Primary Containment Isolation Valves would perform to isolate the primary containment.

E. CORRECTIVE ACTIONS:

No corrective action has been taken as of this date. A supplemental report will be submitted listing the necessary repairs and any corrective actions taken to reduce the combined leakage below the required limit.

F. PREVIOUS EVENTS:

- 254/87-016 Leak rate from all valves and penetrations on Unit One in excess of Technical Specification limit.
- 265/86-014 Leak rate from all valves and penetrations on Unit Two in excess of Technical Specification limit.
- 254/86-001 Leak rate from all valves and penetrations on Unit One in excess of Technical Specification limit.
- 265/85-007 Leak rate from all valves and penetrations on Unit Two in excess of Technical Specification limit.
- 254/84-002 Leak rate from all valves and penetrations on Unit One in excess of Technical Specifications.

G. COMPONENT FAILURE DATA:

Component failure data is not yet available since repairs have not been completed. The supplemental report will document the failure data.



**Commonwealth Edison**

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

RLB-88-151

April 26, 1988

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

Reference: Quad-Cities Nuclear Power Station  
Docket Number 50-265, DPR-30, Unit Two

Enclosed please find Licensee Event Report (LER) 88-007, Revision 00, for Quad-Cities Nuclear Power Station.

This report is submitted in accordance with the requirements of the Code of Federal Regulations, Title 10, Part 50.73(a)(2)(ii), which requires the reporting of any event or condition that results in the condition of the nuclear power plant, including its principle safety barrier, being seriously degraded.

Respectfully,

COMMONWEALTH EDISON COMPANY  
QUAD-CITIES NUCLEAR POWER STATION

*R. L. Bax*  
R. L. Bax  
Station Manager

RLB/MSK/e

Enclosure

cc: I. Johnson  
R. Higgins  
INPO Records Center  
NRC Region III

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