

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Dresden Station Unit 2	DOCKET NUMBER (2) 0 5 0 0 0 2 3 7	PAGE (3) 1 OF 0 2
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TITLE (4)
Reactor Scram on Low Vessel Water Level

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)
0 6	2 1	8 4	8 4	0 0 9	0 0	0 7	1 2	8 4	N/A		0 5 0 0 0
									0 5 0 0 0		

OPERATING MODE (9) N	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)										
POWER LEVEL (10) 0 9 9	20.402(b)			20.406(e)			<input checked="" type="checkbox"/> 50.73(a)(2)(iv)			73.71(b)	
	20.406(a)(1)(i)			50.36(a)(1)			50.73(a)(2)(v)			73.71(a)	
	20.406(a)(1)(ii)			50.36(a)(2)			50.73(a)(2)(vii)			OTHER (Specify in Abstract below and in Text, NRC Form 365A)	
	20.406(a)(1)(iii)			50.73(a)(2)(i)			50.73(a)(2)(viii)(A)				
	20.406(a)(1)(iv)			50.73(a)(2)(ii)			50.73(a)(2)(viii)(B)				
	20.406(a)(1)(v)			50.73(a)(2)(iii)			50.73(a)(2)(ix)				

LICENSEE CONTACT FOR THIS LER (12)									
NAME Mark Leahy (X-422)							TELEPHONE NUMBER		
							AREA CODE 8 1 5		
							9 4 2 - 2 9 2 1 0		

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)											
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS		
X	S J	F C V C	6 6 5	N							

SUPPLEMENTAL REPORT EXPECTED (14)						EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR
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)

During normal operations, the "A" feedwater regulating valve operator vibrated loose from the valve stem coupling. The valve disc failed in the closed direction causing the unit to scram on low reactor water level. Safety significance was minimal, since all emergency systems were operable and operated as designed.

The operator and valve stem were reconnected, and two sheet metal lock tabs were formed and installed to prevent recurrence.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		8 4	- 0 0 9	- 0 0	0 2	OF	0 2

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

During normal operation, the "A" feedwater regulating valve operator separated from the valve stem coupling. The valve disc failed in the closed direction, causing the unit to scram on low reactor water level. Safety significance was minimal since all emergency systems were operable and operated as designed. This is the first reportable scram on Docket No. 050237.

The event was caused by the loosening, due to vibration, of the locknut securing the operator to the connecting block at the top of the valve stem. The loose locknut then allowed the vibration to work the valve operator loose from the stem. The operator and stem were reconnected, with sheet metal locktabs installed to prevent the locknuts (one at each end of the coupling) from being loosened by vibration. Locktabs will also be installed on the 3A and 3B feedwater regulating valves (the 2B feedwater regulating valve is a different type of valve, and as such does not require the locktab).



Commonwealth Edison

Dresden Nuclear Power Station

R.R. #1

Morris, Illinois 60450

Telephone 815/942-2920

July 12, 1984

DJS Ltr #84-686

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

Licensee Event Report #84-009-0, Docket #050237 is being submitted as required by Technical Specification 6.6, NUREG 1022 and 10 CFR 50.73 (a)(2)(iv).

D.J. Scott
Station Superintendent
Dresden Nuclear Power Station

DJS/kjl

Enclosure

cc: J.G. Keppler, Regional Administrator, Region III
File/NRC
File/Numerical

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