

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Dresden Nuclear Power Station Unit 3	DOCKET NUMBER (2) 0 5 0 0 0 2 4 9 1	PAGE (3) OF 0 2
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TITLE (4)  
Reactor Vessel Low Low Water Level Isolation

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		
									N/A		
0	2	1	5	8	5	8	5	8	0 5 0 0 0 0		
									0 5 0 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)	80.73(a)(2)(iv)	73.71(b)						
	20.406(a)(1)(i)	80.38(a)(1)	80.73(a)(2)(v)	73.71(e)						
	20.406(a)(1)(ii)	80.38(a)(2)	80.73(a)(2)(vi)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)						
	20.406(a)(1)(iii)	80.73(a)(2)(i)	80.73(a)(2)(vii)(A)							
	20.406(a)(1)(iv)	80.73(a)(2)(ii)	80.73(a)(2)(vii)(B)							
20.406(a)(1)(v)	80.73(a)(2)(iii)	80.73(a)(2)(viii)	80.73(a)(2)(ix)							

LICENSEE CONTACT FOR THIS LER (12)

NAME Mark Leahy	TELEPHONE NUMBER AREA CODE: 8 1 5 9 4 2 7 2 9 2 0
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COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS
X	J C	L I S	Y 0 1 0	Y					

SUPPLEMENTAL REPORT EXPECTED (14)

<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE) <input checked="" type="checkbox"/> NO	EXPECTED SUBMISSION DATE (15) MONTH:     DAY:     YEAR:
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ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

Under normal operations, while performing DIS 500-2 (Reactor Vessel Low Water Level Scram and Low Low Water Level Isolation), level indicating switch 3-263-58B was found to trip at 116.5 inches water (differential pressure), in excess of the Technical Specifications limit of 114.5 inches water. The switch was immediately readjusted. Later the same day, level indicating switch 3-263-57B was found to trip at 127 inches water, also in excess of the Technical Specification's limit. The second discovery created a retroactive degradation of the channel B low low reactor water level isolation function, although 2-263-58B was no longer in excess of the Technical Specification.

The events were caused by setpoint drift. Immediately following their respective discoveries, the level switches were adjusted and recalibrated per DIS 500-2. In addition, these switches are scheduled to be replaced during the upcoming Unit 3 outage as a part of the Environmental Qualification modification.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1)  Dresden Nuclear Power Station Unit 3	DOCKET NUMBER (2)  0 5 0 0 0 2 4 9 8 5	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		8 5	0 0 4	0 0	0 2	OF	0 2

TEXT (If more space is required, use additional NRC Form 386A's) (17)

Under normal operation, while performing DIS 500-2 (Reactor Vessel Low Water Level Scram and Low Low Water Level Isolation), level indicating switch 3-263-58B was found to trip at 116.5 inches of water (differential pressure), in excess of the Technical Specification limit of 114.5 inches of water. The switch was immediately readjusted. Later the same day, level switch 3-263-57B was found to trip at 127 inches water, also in excess of 114.5 inches water. The second discovery resulted in a retroactive degradation of the channel B low low water level isolation function. Safety significance was minimal, as both channel A limit switches operated within the Technical Specification limits, and both of the channel B switches operated, although outside of the Technical Specification limits. This is the first occurrence of two drifted switches on the same RPS channel at Dresden Station.

The cause of the events was setpoint drift. Immediately upon each respective discovery the switches were adjusted and recalibrated per DIS 500-2. DIS 500-2 will continue to be performed monthly. In addition, these switches are scheduled to be replaced during the upcoming Unit 3 outage as a part of the Environmental Qualification modification.



**Commonwealth Edison**  
Dresden Nuclear Power Station  
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Morris, Illinois 60450  
Telephone 815/942-2920

March 12, 1985

DJS Ltr #85-282

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

Licensee Event Report #85-004-0, Docket #050249 is being submitted as required by Technical Specification 6.6, NUREG 1022 and 10 CFR 50.73 (a)(2)(v).

D.J. Scott  
Station Superintendent  
Dresden Nuclear Power Station

DJS/kjl

Enclosure

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

IE22  
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