

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Dresden Nuclear Power Station										DOCKET NUMBER (2) 0 5 0 0 0 2 3 7										PAGE (3) 1 OF 0 2																	
TITLE (4) Unit 2 517' Elevation Turbine Building/Reactor Building Interlock																																					
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 Dresden Nuclear Power Unit 3										DOCKET NUMBER(S) 0 5 0 0 0 2 4 9																
1	2	0	7	8	4	8	4	0	2	4	0	2	0	3	1	2	8	5	N/A										0	5	0	0	0				
OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5: (Check one or more of the following) (11)																																			
N		20.402(b)					20.408(a)					60.73(a)(2)(iv)					73.71(b)																				
POWER LEVEL (10)		0 0 0					20.408(a)(1)(i)					60.36(a)(1)					60.73(a)(2)(v)					73.71(e)															
		20.408(a)(1)(ii)					60.36(a)(2)					60.73(a)(2)(vi)					OTHER (Specify in Abstract below and in Text, NRC Form 365A)																				
		20.408(a)(1)(iii)					X 60.73(a)(2)(i)					60.73(a)(2)(viii)(A)																									
		20.408(a)(1)(iv)					60.73(a)(2)(ii)					60.73(a)(2)(viii)(B)																									
		20.408(a)(1)(v)					60.73(a)(2)(iii)					60.73(a)(2)(ix)																									
LICENSEE CONTACT FOR THIS LER (12)																																					
NAME Leslie Turnquest (X-489)															TELEPHONE NUMBER 8 1 5 9 4 2 - 2 9 2 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		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS									
X																																					
SUPPLEMENTAL REPORT EXPECTED (14)																																					
YES (If yes, complete EXPECTED SUBMISSION DATE)															X NO					EXPECTED SUBMISSION DATE (15)					MONTH	DAY	YEAR										

During a Unit 2 refueling outage and normal Unit 3 power operation, as plant personnel were exiting the Reactor Building through the Unit 2 interlock doors, secondary containment was momentarily broken when the Turbine Building interlock door fully closed. The Turbine Building door was immediately closed by personnel in the interlock. An investigation into the problem did not reveal any problem with the electrical controls for the doors because both doors were functioning properly immediately after the incident and this event could not be repeated. This event appears to be a one time event.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES: 9/31/85

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
Dresden Nuclear Power Station, Unit 2	05000237	84	024	02	02	OF	02

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

On 12/7/84 at 1145 hours with Unit 2 in refuel and Unit 3 in normal power operation, plant Maintenance personnel were exiting the Reactor Building through the Unit 2 interlock doors. As they entered the interlock from the Reactor Building, the Turbine Building door opened before the Reactor Building door could completely close. This resulted in a momentary loss of secondary containment. Maintenance personnel in the interlock immediately closed the Turbine Building door to restore secondary containment. Additionally, during this time the Control Room received the Reactor/Turbine Building Interlock Bypass/Trouble alarm. An Operator was sent to the interlock to investigate. However after he arrived the Operator found the doors to be functioning properly. A work ticket was written to investigate the problem with the interlock.

Electrical Maintenance could find no problem with the doors or the interlock controls. The door appeared to be functioning as designed after the incident and the problem could not be repeated. A review of plant evolutions in progress at the time of the event revealed that the Reactor Building ventilation was being adjusted by Operations and Maintenance. Although it is not certain, there is some possibility that the interlock was affected because pressures in the Reactor Building were slightly more negative with respect to the outside than normal. The event appears to be an isolated one in that it was not repeated and the interlock doors were working properly immediately after the event. Both Unit 2 and Unit 3 were affected, since they have a common secondary containment. The occurrence was of minimal safety significance due to the prompt action taken by those persons in the interlock in re-establishing secondary containment by shutting the Turbine door immediately and the Reactor Building was at negative pressure with respect to the outside air. Also, the alarm indicating interlock door trouble provides for immediate Operator action to correct the problem should it occur again.

Because of a subsequent event reported by LER #85-002-00 on Docket #050237, Modifications M12-2-85-9 and M12-3-85-9 have been initiated in order to install time delay relays that will require one door to be closed for approximately 2 seconds before the other door can be opened. This will prevent simultaneous opening of the interlock doors in the event the interlock doors bounce when closed.



Commonwealth Edison
Dresden Nuclear Power Station
R.R. #1
Morris, Illinois 60450
Telephone 815/942-2920

March 19, 1985

DJS Ltr #85-310

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

An update to Licensee Event Report #84-024-2, Docket #050237 is being submitted as required by Technical Specification 6.6, NUREG 1022 and 10 CFR 50.73 (a)(2)(i)(B). This report is being submitted to revise the text to include why Unit 3 was affected by this event.

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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