

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Dresden Nuclear Power Station DOCKET NUMBER (2) 0 5 0 0 0 2 4 9 PAGE (3) 1 OF 0 2

TITLE (4)  
Reactor Scram Due to Mode Switch in Shutdown Position

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 3	1	7 8 4	8 4	0 2 2	0 0	1 2	1 3	8 4	N/A	0 5 0 0 0	
									N/A	0 5 0 0 0	

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5: (Check one or more of the following) (11)

OPERATING MODE (9)	20.402(b)	20.406(a)	80.73(a)(2)(iv)	73.71(b)
N			X	
POWER LEVEL (10)	20.406(a)(1)(i)	80.36(a)(1)	80.73(a)(2)(v)	73.71(e)
0 0 0	20.406(a)(1)(ii)	80.36(a)(2)	80.73(a)(2)(vi)	
	20.406(a)(1)(iii)	80.73(a)(2)(i)	80.73(a)(2)(vii)(A)	OTHER (Specify in Abstract below and in Text, NRC Form 365A)
	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)	

LICENSEE CONTACT FOR THIS LER (12)

NAME	TELEPHONE NUMBER
D. Kim (X-549)	AREA CODE 8 1 5 9 4 1 2 1 2 9 1 2 1 0

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

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC
A				N					

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE)	NO	EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
X					

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

During refueling, the reactor scrambled while adjusting the mode switch in an attempt to clear a rod block. The mode switch was inadvertently moved to the shutdown position. Safety significance was minimal since the unit was in refuel and all control rods were inserted. The cause of the event was due to Operator error and he has been talked to about this personnel error. The delay in reporting the events was due to insufficient training and/or misplacement of deviation report.

Previous occurrence due to inadvertant movement mode switch was reported by DVR 12-3-80-94 Reason for late reportability is similar to reportable occurrence 84-21 on Docket #050249.

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## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

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

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

During refueling with all control rods fully inserted reactor scrambled unintentionally while adjusting the reactor mode switch to clear a rod block. Before the mode switch was replaced a few years ago, the contacts in the mode switch frequently did not make up which could cause a rod block. Operator's often adjusted the mode switch to clear a rod block. When this rod block came up on 3/17/84 and the cause of the rod block could not be immediately determined, Operator thought that mode switch contacts might have caused the rod block. While adjusting the mode switch in an attempt to clear a rod block, the mode switch was inadvertently moved to shutdown position causing a reactor scram. Later, investigation showed that a defective switch in refueling platform fuel grapple caused a rod block not from mod switch contact. The Operator has been talked to about this personnel error and was directed that he should investigate all possibilities which cause a rod block before adjusting the mode switch. The cause for delay of this report is not exactly known, however it is suspected that one or both of the following two reasons are contributing factors.

First, the new LER rules changed at the beginning of 1984. Prior to this time, any reactor scrams during a refueling outage with all rods in would not (per station policy) require a red phone call or be a deviation report. However, as of January 1, 1984 the new 10 CFR 50.72 and 50.73 rules required both a red phone call and a deviation report which becomes an LER. Since Unit 3 had been in a refueling outage from the beginning of this year and this was the second scram during 1984, insufficient training on the new LER rules could be one of the factors that compounded the misclassification of the deviation report initiated by the shift. Secondly, this event occurred toward the end of the refueling outage when many plant activities were in progress. It is conceivable that the paperwork may have been inadvertently misplaced.

Since this time, however, due to other problems with LER's all personnel directly involved in determining reportability were given additional training on this subject during the month of July. This training should prevent similar occurrence in the future.

Previous occurrence due to inadvertent movement of the mode switch seen in DVR 12-3-80-94. Reason for late reportability is similar in Reportable Occurrence 84-21 on Docket #050249.



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December 13, 1984

DJS Ltr #84-1380

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

Licensee Event Report #84-022-0, Docket #050249 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

IE22  
1/1