

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)  
Dresden Nuclear Power Station, Unit 2DOCKET NUMBER (2)  
0 5 0 0 0 2 3 7 1 OF 0 2TITLE (4)  
Unit 2 Reactor ScramEVENT DATE (5)  
MONTH DAY YEAR  
0 6 1 9 8 5 8 5  
LER NUMBER (6)  
SEQUENTIAL NUMBER  
0 2 8  
REVISION NUMBER  
0 0  
REPORT DATE (7)  
MONTH DAY YEAR  
0 7 1 8 8 5  
OTHER FACILITIES INVOLVED (8)  
FACILITY NAMES  
N/A  
DOCKET NUMBER(S)  
0 5 0 0 0THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5: (Check one or more of the following) (11)  
OPERATING MODE (9) N  
POWER LEVEL (10) 0 10 1  
20.402(b) X  
20.406(a)(1)(i)  
20.406(a)(1)(ii)  
20.406(a)(1)(iii)  
20.406(a)(1)(iv)  
20.406(a)(1)(v)  
20.406(c)  
50.38(c)(1)  
50.38(c)(2)  
50.73(a)(2)(i)  
50.73(a)(2)(ii)  
50.73(a)(2)(iii)  
50.73(a)(2)(iv)  
50.73(a)(2)(v)  
50.73(a)(2)(vi)  
50.73(a)(2)(vii)  
50.73(a)(2)(viii)(A)  
50.73(a)(2)(viii)(B)  
50.73(a)(2)(ix)  
73.71(b)  
73.71(c)  
OTHER (Specify in Abstract below and in Text, NRC Form 366A)LICENSEE CONTACT FOR THIS LER (12)  
NAME  
Ronald Jackson  
(X-549)  
TELEPHONE NUMBER  
AREA CODE  
8 1 5 9 4 2 - 2 9 2 0COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)  
CAUSE SYSTEM COMPONENT MANUFAC TURER REPORTABLE TO NPDOS  
X A A I I V I 2 0 8 NSUPPLEMENTAL REPORT EXPECTED (14)  
YES (If yes, complete EXPECTED SUBMISSION DATE) X NO  
EXPECTED SUBMISSION DATE (15)  
MONTH DAY YEAR

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

While performing a Unit 2 shutdown per procedure DGP 2-4, Unit 2/3 Shutdown from Power Operation to Hot Standby, with the unit in hot standby, the unit received an east scram discharge volume (SDV) high high water level alarm and a subsequent reactor scram. It was determined that the source of water causing the east SDV high high water level scram was due to excessive water leakage through the scram outlet valve, CV2-305-127, on control rod drive (CRD) J-6. Maintenance had just been completed on the scram outlet valve and CRD J-6 had been placed back in service approximately one hour before the reactor scram had occurred. Upon later investigation, the scram outlet valve was dismantled and a broken metal piece was found lodged under the valve seat causing the excessive leakage. The line was flushed to ensure no metal pieces remained and the scram outlet valve was repaired and reinstalled.

The safety significance of this event was minimal since the reactor protection and safety systems operated as designed. This is a first occurrence of this type.

8507310269 850718  
PDR ADOCK 05000237  
S PDRTE22  
1/4

## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

FACILITY NAME (1)  Dresden Nuclear Power Station, Unit 2	DOCKET NUMBER (2)  0   5   0   0   0   2   3   7	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		8   5	—	0   2   8	—	0   0	0   2 OF 0   2

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

While performing a Unit 2 shutdown per procedure DGP 2-4, Unit 2/3 Shutdown from Power Operation to Hot Standby, with the unit in hot standby, the unit received an east scram discharge volume (SDV) high high water level alarm and a subsequent reactor scram. It was determined that the source of water causing the east SDV high high water level scram was due to excessive water leakage through the scram outlet valve, CV2-305-127, on control rod drive (CRD) J-6.

CRD J-6 had just been placed back in service approximately one hour before the reactor scram had occurred. Maintenance had been performed on the scram outlet valve and manual isolation valve 2-305-102. Maintenance work on the CRD included replacement of a badly worn seat on the scram outlet valve and complete replacement of manual isolation valve 2-305-102. Valve 305-102 had been replaced because of a broken stem and seat. After the reactor scram, the CRD was placed out-of-service and the scram outlet valve was dismantled. A broken metal piece was found lodged under the valve seat causing the excessive leakage. Upon investigation, it was determined that the metal piece was part of the original 2-305-102 valve stem that had broken. The line was flushed to ensure no metal pieces remained and the scram outlet valve was repaired and reinstalled. The CRD was placed back in service and scram tested with no further difficulties.

The safety significance of this event was minimal since the reactor protection and safety systems operated as designed. This is a first occurrence of this type.



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

July 18, 1985

DJS Ltr #85-750

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

Licensee Event Report #85-028-0, Docket #050237 is being submitted as required by Technical Specification 6.6, NUREG 1022 and 10 CFR 50.73 (a)(2)(iv).

*J. A. Cusla*  
*for*

D.J. Scott  
Station Manager

DJS/kjl

Enclosure

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

*IE22*

*1/1*