

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) LaSalle County Station Unit 2	DOCKET NUMBER (2) 0 5 0 0 0 3 7 4	PAGE (3) 1 OF 0 2
--	--------------------------------------	----------------------

TITLE (4)  
Low CRD Header Pressure Scram

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	7	31	8	4	0	0	8	1			0 5 0 0 0
			8	4	0						0 5 0 0 0
				0	4						
				5	0						

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

OPERATING MODE (9) 3	20.402(b)	20.406(c)	<input checked="" type="checkbox"/>	60.73(a)(2)(iv)	73.71(b)
	20.406(a)(1)(i)	60.36(c)(1)		60.73(a)(2)(iv)	73.71(c)
	20.406(a)(1)(ii)	60.36(c)(2)		60.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)
	20.406(a)(1)(iii)	60.73(a)(2)(i)		60.73(a)(2)(viii)(A)	
	20.406(a)(1)(iv)	60.73(a)(2)(ii)		60.73(a)(2)(viii)(B)	
	20.406(a)(1)(v)	60.73(a)(2)(iii)		60.73(a)(2)(ix)	

LICENSEE CONTACT FOR THIS LER (12)

NAME Rick Shields, extension 514	TELEPHONE NUMBER	
	AREA CODE 81115	315 71-1 6 71611

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
B	A	A Z   Z   Z   Z	Z   Z   Z   Z	N					
X	A	A     P   T	B   0   4   0	Y					

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE)  NO

EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR

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

On July 31, 1984, at 0944 hours a full core scram was received when the reactor mode switch was placed in the Refuel position for an instrument surveillance. Prior to the mode switch change, the Operator checked the Control Rod Drive charging water pressure, which initiates a scram signal in the Refuel Mode, for low pressure. This pressure was normal. Investigation subsequent to the scram showed the Control Room indicator was indicating 175 psi higher than actual pressure and that the CRD pumps provided pressures only slightly higher than the low pressure instrument trip points. A Technical Specification change is being sought to reduce the trip setpoints.

8409060431 840817  
PDR AD0CK 05000374  
S PDR

JE 22  
1/1

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1) LaSalle County Station Unit 2	DOCKET NUMBER (2) 0 5 0 0 0 3 7 4 8 4 - 0 4 5 - 0 0	LER NUMBER (8)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
		8 4	0 4 5	0 0	0 2	OF 0 2

TEXT (If more space is required, use additional NRC Form 388A's) (17)

I. DESCRIPTION OF EVENT

On July 31, 1984, at 0944 hours during the performance of LIS-NR-405, Unit 2 Rod Block Monitor Functional Test, the reactor mode switch was placed in the Refuel position for the purpose of checking rod insert and withdrawal blocks (AA). When the mode switch position was changed to Refuel, a full core scram was received due to low Control Rod Drive (AA) charging water header pressure.

II. CAUSE

Before placing the mode switch in Refuel, the Operator checked the charging water header pressure on the Control Room indicator and found the pressure to be normal. Alarms indicating a low header pressure existed were believed to be a part of testing of this new scram function which was being tested by Technical Staff personnel. Subsequent investigation revealed that the Control Room indicator was indicating 175 psi greater than actual pressure and that the Control Rod Drive pumps were capable of only providing pressures slightly above the instrument trip setpoint.

III. PROBABLE CONSEQUENCES OF THE OCCURRENCE

At the time of the scram, Unit 2 was in Condition 3, Hot Shutdown, with all control rods fully inserted. The Reactor Protection system (JC) and the Low Control Rod Drive pressure scram operated properly for the conditions that were present by providing a full core scram.

IV. CORRECTIVE ACTIONS

A Technical Specification revision is being sought to lower the trip setpoint for this scram. Interim operation is capable by closing the minimum flow valve on the Control Rod Drive pumps which provides increased pressure to the charging water header.

V. PREVIOUS OCCURRENCES

None.

VI. NAME AND TELEPHONE NUMBER OF PREPARER

Rick Shields, 815/357-6761, extension 514.



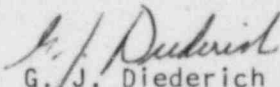
**Commonwealth Edison**  
LaSalle County Nuclear Station  
Rural Route #1, Box 220  
Marseilles, Illinois 61341  
Telephone 815/357-6761

August 17, 1984

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

Dear Sir:

Reportable Occurrence Report #84-045-00, Docket #050-374 is being submitted to your office in accordance with 10 CFR 50.73.

  
G. J. Diederich  
Superintendent  
LaSalle County Station

GJD/MLD/kg

Enclosure

xc: NRC, Regional Director  
INPO-Records Center  
File/NRC

IE22  
11