

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)  
La Crosse Boiling Water Reactor (LACBWR)DOCKET NUMBER (2)  
0 5 0 0 0 4 0 9 1 OF 0 2TITLE (4)  
Low Power Reactor Scram due to Wide Range Nuclear Instrumentation Range Switch

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	2	6	8	5	8	5	—	0	1	5	—	0	0	0	8	1	5	8	5	0	5	0	0	0

OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §. (Check one or more of the following) (11)													
POWER LEVEL (10)	0	0	0	20.402(b)			20.406(c)			<input checked="" type="checkbox"/> 50.73(a)(2)(iv)			73.71(b)		
				20.405(a)(1)(i)			50.36(c)(1)			50.73(a)(2)(v)			73.71(c)		
				20.405(a)(1)(ii)			50.36(c)(2)			50.73(a)(2)(vi)			OTHER (Specify in Abstract below and in Text, NRC Form 366A)		
				20.405(a)(1)(iii)			50.73(a)(2)(i)			50.73(a)(2)(viii)(A)					
				20.405(a)(1)(iv)			50.73(a)(2)(ii)			50.73(a)(2)(viii)(B)					
20.405(a)(1)(v)			50.73(a)(2)(iii)			50.73(a)(2)(ix)									

LICENSEE CONTACT FOR THIS LER (12)  
NAME  
Lynne S. Goodman, LACBWR Operations EngineerTELEPHONE NUMBER  
AREA CODE  
6 0 8 6 8 9 - 2 3 3 1

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)											
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDs	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDs	CAUSE	SYSTEM
X	I	G	H	S	G	Q	8	0	N		

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)

Reactor scrambled from approximately 0.06% power due to a spike on wide range Nuclear Instrumentation Channel 5, which occurred when its range switch was upscaled. Spike could not be duplicated, but was believed due to the range switch. The range switch contacts were cleaned. Long term modifications planned for the Nuclear Instrumentation include elimination of the range switches.

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## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104  
EXPIRES: 8/31/85

FACILITY NAME (1)  La Crosse Boiling Water Reactor	DOCKET NUMBER (2)  0   5   0   0   0   4   0   9   8   5   —	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
			0   1   5   —	0   0	0   2	OF	0   2

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

During a startup, the reactor (RCT) scrambled from approximately 0.06% power due to an indicated flux spike when the range switch (hS) on Nuclear Instrumentation (NI)(IG) Channel 5 was upscaled from the 150 E-3% to the 0.6% scale. The wide range NI channels are in 1-of-2 trip logic (JC) at low power. An indication of approximately 77% of scale (e.g. 115 on 150 scale) will cause a reactor scram signal at any power level. The scram occurred at 1050 on July 26, 1985.

The spike could not be duplicated following the scram, but was believed due to the range switch. Similar incidents occurred more than 10 years ago. The contacts on the range switch were cleaned. Long term modifications planned for the Nuclear Instrumentation System include elimination of the range switches, which would prevent reoccurrence of another similar event.

August 15, 1985

In reply, please  
refer to LAC-11073

DOCKET NO. 50-409

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

SUBJECT: DAIRYLAND POWER COOPERATIVE  
LA CROSSE BOILING WATER REACTOR (LACBWR)  
PROVISIONAL OPERATING LICENSE NO. DPR-45  
LICENSEE EVENT REPORT NO. 85-15

Reference: 10 CFR 50.73

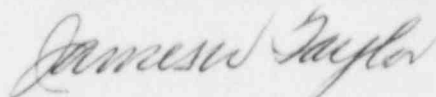
Gentlemen:

In accordance with 10 CFR 50.73, attached is Licensee Event Report  
No. 85-15.

If there are any questions, please contact us.

Sincerely,

DAIRYLAND POWER COOPERATIVE



James W. Taylor  
General Manager

JWT:LSG:sks

Attachment

cc: J. G. Keppler, NRC Reg. III  
Walter Paulson, LACBWR Project Manager  
NRC Resident Inspector  
D. Sherman, ANI Library  
INPO