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WILLIAM L. BERG
General Manager

January 21, 1997

In reply, please
refer to LAC-13579

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)
Possession-Only License No. DPR-45
Licensee Event Report No. 97-001

REFERENCES: (1) 10 CFR 50.73

In accordance with 10 CFR 50.73, attached is Licensee Event Report No. 97-001.

If there are any questions, please contact us.

Sincerely,

DAIRYLAND POWER COOPERATIVE

William L. Berg, General Manager

WLB:MNJ:dh
Attachment

cc: Hub Miller, Regional Administrator
U. S. Nuclear Regulatory Commission, Region III

Morton Fairtile, Project Manager
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission

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LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) LA CROSSE BOILING WATER REACTOR (LACBWR)										DOCKET NUMBER (2) 0 5 0 0 0 4 0 9				PAGE (3) 1 OF 0 2		
TITLE (4) Less Than Required A.C. Power Sources																
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 1	0 2	9 7	9 7	0 0 1	0 0	0 1	2 1	9 7					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)				20.406(c)				50.73(a)(2)(iv)				73.71(b)		
POWER LEVEL (10)		20.406(a)(1)(i)				50.36(c)(1)				50.73(a)(2)(v)				73.71(c)		
0 0 0		20.406(a)(1)(ii)				50.36(c)(2)				50.73(a)(2)(vii)				OTHER (Specify in Abstract below and in Text, NRC Form 366A)		
		20.406(a)(1)(iii)				X 50.73(a)(2)(i)				50.73(a)(2)(viii)(A)						
		20.406(a)(1)(iv)				50.73(a)(2)(ii)				50.73(a)(2)(viii)(B)						
		20.406(a)(1)(v)				50.73(a)(2)(iii)				50.73(a)(2)(x)						
LICENSEE CONTACT FOR THIS LER (12)																
NAME MICHAEL N. JOHNSON, TECHNICAL SUPPORT ENGINEER										TELEPHONE NUMBER 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						
SUPPLEMENTAL REPORT EXPECTED (14)												EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR
YES (If yes, complete EXPECTED SUBMISSION DATE)												X NO				

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

The La Crosse Boiling Water Reactor (LACBWR) Technical Specification (T.S.) 4.3.1, A.C. Sources, Limiting Condition for Operation states:

"As a minimum, the following A.C. electrical sources shall be OPERABLE...
b. Diesel Generator 1A or 1B, aligned to but not energizing, the same essential switchgear bus,...."

High coolant temperature on 1A Emergency Diesel Generator (EDG) during the monthly test done on 1/2/97 led to the discovery that the radiator fan breaker was open. It is assumed that it was left open after fan motor meggering on 12/5/96. In this condition, 1A Emergency Diesel Generator (EDG) was technically inoperable. On 12/19/96, the 1B EDG was found to have a leaky engine heater hose and was removed from service for repair. During the hours 1B Emergency Diesel Generator (EDG) was out of service, there were less than the required A.C. power sources available.

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/98

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
LA CROSSE BOILING WATER REACTOR	05000409	97	001	00	02	OF 02

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

The Technical Specifications of the La Crosse Boiling Water Reactor (LACBWR) require that at least one of the facility's two Emergency Diesel Generators (EDG) be operable at all times. Each diesel generator is demonstrated operable at least once per 31 days on a staggered test basis. While running the monthly test of 1A EDG on 1/2/97, the 1A Emergency Diesel Generator Trouble annunciator alarmed due to high coolant temperature of 205 degrees F. The Diesel was secured to investigate the cause. The radiator fan motor breaker was found open. The breaker was closed and the Monthly test conducted successfully. The previous Monthly test was satisfactorily completed on 12/5/96. On that day, following the test, the Radiator Fan Motor was meggered, which involves opening the Breaker supplying power to the fan. It is assumed that the fan motor breaker was left open at that time. 1A EDG was technically inoperable from 12/5/96 until 1/2/97 when the Radiator Fan Breaker was discovered open and reclosed. On 12/19/96 the 1B EDG was found to have a leaky engine heater hose and was removed from service for repair from 0723 on 12/19/96 to 1435 on 12/20/96. During the time 1B EDG was out of service, there were less than the Technical Specification (T.S.) required A.C. power sources available. The required action for this condition is to suspend all operations involving FUEL HANDLING until at least the minimum require power sources are OPERABLE. The safety significance of this event is minimal because during the time 1B EDG was out of service, offsite power was available and there was no fuel handling in progress and none planned for the immediate future.

The Preventive Maintenance items for meggering motors associated with the EDG's will be revised to require issuance of a Maintenance Request. This will ensure compliance with the LACBWR Administrative Control Procedure for Maintenance Requests which states, "Maintenance, Instrument, and Electrical Department Personnel are responsible for submittal of Maintenance Request forms for preventive maintenance on their respective systems." This procedure also defines the requirements for 2nd Verification, "If work involves the following systems, a second person from Operations Department shall verify that all equipment, valves, and switches involved in the maintenance activity are correctly aligned:

- (a) Fuel Element Storage Well,
- (b) Emergency Power System (as defined in ACP-01.1, App. A),
- (c) Containment Isolation Function,
- (d) Waste Water."

Additionally, all the PM's associated with systems that require 2nd verification will be reviewed and revised as necessary to assure Maintenance Requests are issued if the activities warrant.