

## LICENSEE EVENT REPORT (LER)

APPROVED OMB NO. 3180-0104  
EXPIRES - 6/30/85

FACILITY NAME (1)		INDIAN POINT UNIT NO. 2		DOCKET NUMBER (2)		PAGE (3)	
TITLE (4)		Failure of Safety Related Motor Control Center		0 5 0 0 0 2 4 7		1 OF 0 3	

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	9	17	8	8	012	0	0	1017	8	8	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)			20.402(b)			20.406(e)			60.73(a)(2)(iv)			73.71(b)
1 0 0			20.406(a)(1)(i)			60.36(a)(1)			60.73(a)(2)(v)			73.71(c)
			20.406(a)(1)(ii)			60.36(a)(2)			60.73(a)(2)(vi)			OTHER (Specify in Abstract below and in Text, NRC Form 306A)
			20.406(a)(1)(iii)			60.73(a)(2)(i)			60.73(a)(2)(vii)(A)			
			20.406(a)(1)(iv)			60.73(a)(2)(ii)			60.73(a)(2)(vii)(B)			
			20.406(a)(1)(v)			60.73(a)(2)(iii)			60.73(a)(2)(ix)			

LICENSEE CONTACT FOR THIS LER (12)											
NAME										TELEPHONE NUMBER	
John Ellwanger, Principal Engineer										AREA CODE	
										9 1 4 5 2 6 - 5 1 8 2	

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	

SUPPLEMENTAL REPORT EXPECTED (14)						EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR
YES (If yes, complete EXPECTED SUBMISSION DATE)						NO				

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

On September 17, 1988, while the plant was at full power, replacement of a fuse and other corrective maintenance on a motor control center required de-energization of the motor control center. This action disabled one of the four battery chargers. The Indian Point Unit No. 2 Technical Specifications require that all four battery chargers be operable prior to achieving criticality. When at full power operation, there are no applicable action statements addressing a battery charger becoming unavailable. It was thus concluded that the plant had entered Technical Specification provision 3.0.1 which applies when conditions are in excess of the Technical Specifications limiting condition for operation.

The battery charger was inoperable for 33 minutes. The four batteries were at full capacity and capable of coping with emergency loads during this period. Thus, there was no impact upon plant safety.

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## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/86

FACILITY NAME (1)  INDIAN POINT UNIT NO. 2	DOCKET NUMBER (2)  0 5 0 0 0 2 4 7	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		8 8	— 0 1 2	— 0 0	0 2	OF	0 3

TEXT (if more space is required, use additional NRC Form 366A (17))

## Plant and System Identification:

Westinghouse 4-loop pressurized water reactor.

## Identification of Occurrence:

Plant entered Technical Specification provision 3.0.1, which is applicable to plant conditions in excess of those prescribed by the Technical Specifications.

Event Date: September 17, 1988

## Past Similar Occurrences:

None.

Significant Occurrence Report: SOR 88-480

## Description of Occurrence:

On September 17, 1988, while the plant was at full power, a loose lug in a breaker located in motor control center 29 caused overheating of a cable and opening of a fuse. In order to accomplish repairs, the motor control center was de-energized. This motor control center feeds one battery charger, No. 21, which was disabled as a result of the motor control center de-energization.

This action also disabled No. 21 Emergency Diesel Generator auxiliary equipment including the lube oil pump, jacket cooling water pump and the lube oil heaters since their power feeds were also de-energized. This rendered the diesel generator inoperable. The remaining two diesel generators were operable based on previous surveillance test results and a 7 day LCO was declared for the diesel generator.

Technical Specification 3.0.1 was exited and the 7 day LCO terminated when the MCC was restored to service in 33 minutes.

## Analysis of Occurrence:

This event is reportable since it was concluded that the plant had entered Technical Specification provision 3.0.1 covering plant conditions being in excess of that permitted by the Technical Specifications. The Indian Point Unit No. 2 Technical Specifications require that all four battery chargers be operable prior to achieving criticality. There is no action statement pertaining to the availability of battery chargers during power operation. The action statement pertains only to the availability of batteries but implies that the battery chargers be available at all times.

## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

FACILITY NAME (1)

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YEAR SEQUENTIAL NUMBER REVISION NUMBER

0 5 0 0 0 2 4 7 8 8 - 0 1 2 - 0 0 0 3 OF 0 3

TEXT (If more space is required, use additional NRC Form 306A) (17)

## Cause of Occurrence:

The cause of the occurrence was a loose lug necessitating corrective action while at power operation.

## Corrective Action:

The lug was tightened and the fuse was replaced. The motor control center was returned to service. A Technical Specification amendment will be prepared and submitted to allow a battery charger to be inoperable during power operation when all four safety related station batteries are operable. This proposed amendment will be similar to the degraded mode of operation allowed in the Standard Technical Specification for a battery charger.

Stephen B. Bram  
Vice President

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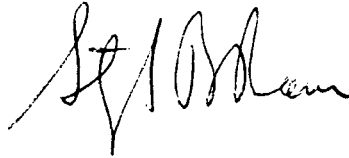
October 17, 1988

Re: Indian Point Unit No. 2  
Docket No. 50-247  
LER 88-12

Document Control Desk  
U.S. Nuclear Regulatory Commission  
Mail Station P1-137  
Washington, DC 20555

The attached Licensee Event Report LER 88-12 is hereby submitted in accordance with the requirements of 10 CFR 50.73.

Very truly yours,



Attachment

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