NRC Form 366
(9-83)

U.S. NUCLEAR REGULATORY COMMISSION

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

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1): INDIAN POINT UNIT 2

DOCKET NUMBER (2): 0 5 0 0 0 2 4 7

PAGE (3): 1 OF 2

TITLE (4): REACTOR COOLANT PUMP UNDERVOLTAGE SETPOINT

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	1 9	8 4	8 4	- 0 0 9	- 0 0	0 8	1 8	8 4		0 5 0 0 0
										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)	20.405(c)	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)	X 50.73(a)(2)(vii)	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)(x)	

LICENSEE CONTACT FOR THIS LER (12)

NAME	TELEPHONE NUMBER
MICHAEL BLATT, DIRECTOR, REGULATORY AFFAIRS	AREA CODE 9 1 4 5 2 6 5 1 2 7

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS
X	J C	W L Y	W 1 2 0	Y					

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 July 19, 1984 during surveillance testing of the undervoltage reactor trip setpoint for the 6.9 KV buses it was observed that two out of four relays did not de-energize at the required set point. The cause was attributed to excessive mechanical friction. The plant was at cold shutdown for a refueling outage.

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On July 19, 1984 a surveillance calibration pursuant to the Technical Specification requirements was performed of the setpoints for the undervoltage relays on the 6.9 KV buses which supply power to the reactor coolant pumps. The plant was at cold shutdown for a refueling outage.

The Technical Specifications reqire that the relays de-energize at an applied voltage no lower than 70% of the nominal bus voltage of 115 volts. The actual dropout voltages corresponded to 62% and 68%. Based on inspection and subsequent testing, the cause has been attributed to mechanical friction. It was determined that this friction could be reduced by repositioning the target mechanism. The target mechanism was corrected and the relays were adjusted to the proper settings. Operability was verified by subsequent testing.

The above relays are installed for the purpose of initiating a reactor trip in the event of an undervoltage condition to the reactor coolant pumps. he relays respond to undervoltage on the 6.9 KV bus through 60:1 potential transformers.

There were no previous similar events.

John D. O'Toole
Vice President

Consolidated Edison Company of New York, Inc.
4 Irving Place, New York, NY 10003
Telephone (212) 460-2533

August 18, 1984

Re: Indian Point Unit No. 2
Docket No. 50-247
LER-84-009-00

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

Dear Sirs:

The attached Licensee Event Report LER-84-009-00 is hereby submitted in accordance with the requirements of 10 CFR Part 50.73.

Very truly yours,

John D. O'Toole

attach.
cc: Dr. Thomas E. Murley,
Regional Administrator-Region I
U. S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, Pa. 19406

Senior Resident Inspector
U. S. Nuclear Regulatory Commission
P. O. Box 38
Buchanan, New York 10511

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