(7-77)

LICENSEE EVENT REPORT

CONTROL BLOCK: | | | | | | | (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1	N Y I P S 2 (2)	0 0 - 0 0 0 0 0 - 0 0 (3)	4 1 1 1 1 (4)	(5)		
	LICENSEE CODE	LICENSE NUMBER	LICENSE TYPE	CAT		
CON'T 0 1	REPORT SOURCE L (6)	0 5 0 0 0 2 4 7 (7)	0 8 1 0 8 0 (8)	0 9 1 0 8 0 (9)		
		DOCKET NUMBER	EVENT DATE	REPORT DATE		

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 Following manual plant shutdown a spurious S.I. signal caused the
0 3 startup of the three Emergency Diesel Generators (EDG). The normal
0 4 feed breaker for 480 V Bus 6A opened and the lockout relay associated
0 5 with this bus section was actuated. This lockout relay prevented the
0 6 automatic tie in of EDG No. 23 (Tech. Spec. 3.7). Following lockout
0 7 relay reset, EDG No. 23 tied in as required.
0 8

SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	COMP. SUBCODE	VALVE SUBCODE
0 9 E E (11)	E (12)	A (13)	C K T B R K (14)	A (15)	Z (16)

(17) LER/RO REPORT NUMBER	EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
	8 0	—	0 0 9	/	0 3	L	—	0

ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD	HOURS (22)	ATTACHMENT SUBMITTED	NPRD-4 FORM SUB.	PRIME COMP. SUPPLIER	COMPONENT MANUFACTURER
X (18)	Z (19)	Z (20)	Z (21)	0 0 0 0	Y (23)	N (24)	N (25)	W 1 2 0 (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 Apparent cause was the premature operation of a series over current
1 1 tripping device associated with a Westinghouse type DB-75 breaker
1 2 resulting in normal feed breaker opening and lockout relay actuation.
1 3 The defective tripping device has been replaced and tested satisfactorily
1 4 and the subject breaker returned to normal service.

	FACILITY STATUS	% POWER	OTHER STATUS (30)	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION (32)
1 5	G (28)	0 0 0 (29)	NA	A (31)	Control Room Instrumentation

	ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY (35)	LOCATION OF RELEASE (36)
1 6	Z (33)	Z (34)	NA	NA

PERSONNEL EXPOSURES

	NUMBER	TYPE	DESCRIPTION (39)
1 7	0 0 0 (37)	Z (38)	NA

PERSONNEL INJURIES

	NUMBER	DESCRIPTION (41)
1 8	0 0 0 (40)	NA

LOSS OF OR DAMAGE TO FACILITY (43)

	TYPE	DESCRIPTION
1 9	Z (42)	NA

PUBLICITY

	ISSUED	DESCRIPTION (45)		NRC USE ONLY
2 0	N (44)	NA	8009160369	

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ATTACHMENT

Docket No. 50-247

Consolidated Edison Co. of N.Y., Inc.

LER-80-009/03L-0

Indian Point Unit No. 2

Following a manual plant shutdown to repair a main turbine oil cooler leak, an engineering safeguards sequence was initiated automatically by means of a false signal from the protection circuitry provided to detect a steam line break. This signal caused startup of the three emergency diesel generators.

An apparent premature operation of the series over current tripping device associated with the Westinghouse type DB-75 normal feed breaker for 480 V Bus Section 6A caused the automatic opening of the normal feed breaker and the actuation of the bus lockout relay. The resultant undervoltage condition on Bus 6A, in conjunction with the previously discussed safety injection signal, caused the opening of the remaining 480 V Bus Section normal feed breakers and the generation of an automatic tie in signal to the emergency diesel generators. Nos. 21 and 22 Emergency Diesel Generators automatically tied in to their associated 480 V Bus Sections as required. Emergency Diesel Generator No. 23 was prevented from tying in due to actuation of the lockout relay on 480 V Bus Section 6A. Following manual reset of this lockout relay, No. 23 Emergency Diesel Generator tied in and assumed the load on the bus section.

The operation of the subject breaker has been determined to be attributable to a defective "B" phase over current tripping device. The over current device has been replaced and tested satisfactorily and the breaker returned to normal service.