NAC Form 366 (9-83)			LIC	ENSEE EVE	NT RE	PORT	(LER)	U.S. NU A E	CLEAR REGUL	ATORY CON NO. 3150-0 15	DIG4		
FACILITY NAME (an Point	Unit No.	2					DOCKET NUMBER	(2)	7 10	AGE (3)		
TITLE (4)	an Foint	Unit NO.	2					0 19 10 10	01214	110	FIO 1 -		
Viol	ation of	Containme	ent Inte	grity at 1	Person	nnel A	Air Lock						
MONTH DAY	YEAR YEAR	ISEQUENTIAL	B)	MONTH DAY	YEAR		PACILITY NA	MES	DOCKET NUN	BER(S)			
		NUMBER	NUMBER						0 15 10	0101	11		
1.1.1.	-1-1-1-												
0 8 1 2	8 6 8 6	PORT IS SUBMITTE	D PUREUANT T		8 6	CFR 8- 10	heck one or more	of the following) (1)	0 15 10	0101			
MODE (8)	20.	402(b)		20.406(e)		X	80.73(a)(2)(iv)		73.71(b)			
POWER 20.406(a)(1)(i)				60.36(a)(1)		73.71(e							
(10) 11010 20.406(a)(1)(ii)		-	60.36(a)(2) 60.73(a)(2)(v					OTHER (Specify in Abstract					
	20	405(a)(1)(iv)		60.73(a)(2)(H)		H	60.73(a)(2)(viii)	(8)					
	20	406 (a) (1) (v)		60.73(a)(2)(iii)			60.73(a)(2)(x)						
NAME				ICENSEE CONTACT	FOR THIS	LER (12)			TELEPHONE	ILIMBER			
								AREA CODE					
Ra	y Sutton.	, Failure	Analysi	s Enginee	r			9114	5 2 6	- 1516	197		
		COMPLETE	ONE LINE FOR	EACH COMPONENT	PAILURE	DESCRIBE	D IN THIS REPOR	AT (13)		1			
CAUSE SYSTEM	COMPONENT	MANUFAC- TURER	REPORTABLE YO NPROS		CAUSE	SYSTEM	COMPONENT	MANUFAC. TURER	REPORTAB TO NPRO	S S			
AVIA	IDIR	C 3 1 0	N										
	1.1.1												
		SUPPLEME	NTAL REPORT	EXPECTED (14)	-			EVALOT	MO	NTH DAY	YEAR		
								SUBMISSI DATE (1)	ON 51		1.		
ABSTRACT (Limit t	On Au routi air 1 loss reclo The i previ the d mecha The h	gust 12, ne entry ock doors of contain sed, there nner air ously. The oor to boo nism. ealth and	inge were type 1986, wh into the were mo nment in eby rees lock door he door unce ope safety	witten unew (18) hile stati e Containm omentarily ntegrity. stablishin or had fai closing m en before of the pu	on pe ent b open The g con led t echan it wa blic	rsonn uildi ed at outer tainm o lat ism w s cap	el were j ng, both the same air lock ent inter ch when t as turned tured by not affec	preparing the inner time, re door was grity. the door was the door was	to mak r and o esultin s immed was clo ckly, a hing	e a uter g in a iately sed llowind	đ		
		86091 PDR S	70093 ADOCK	860711 0500024 PDR	7			TED	2				

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION								OME NO 2150-0104					
Civit + metal is,		DOCKLY NUT	T			- PaGE (3)							
					-148	540	LAT AL	AL . 5.0	2 1	TT			
Indian Point Unit No. 2		0 15 10	101012	14 17	816	- 0	310	- 010	01	2 OF	01		
AT IA more spece a required was additional NAC form Jack	** (17)												
Plant and Sy	stem Identif	fication											
Westinghouse	4-loop Pres	surized	Water	React	or								
Identificati	on of Occurr	ence:											
Loss of Cont and outer do	ainment inte	egrity d ersonne	ue to a l air	simult lock	aneou	s ope	ning	of bo	th in	ner			
Event Date:													
August 12, 1	986												
Reference:													
Indian Point	2 Significe	at Occu	rrence	Repor	t 86-	326							
Past Similar	Occurrence:												
LER 83-045 -	12/8/83												
Description	of Occurrence	e:											
When station power, conta personnel ai to the requi least one ai	personnel w inment integ r lock doors rements of t r lock door	vere pre grity wa s were o the tech to be s	paring s bread pened nical ecured	to ma ched w at the specif durir	ake a o when bo same fication ng unit	conta oth t time ons w t ope	inmer he in . Th hich ratio	nt ent nner a nis is requi on.	ry at nd ou cont re at	ter tary			
The circumst enter the co outer door o partially op reestablishi Bridge and I	ances as des ntainment to f the air lo en. The out ng containme ron Personne	o perfor ock, the cer door ent inte el Air L	were de m a mai inner was in grity. ock, Me	etecte intena door mmedia The odel 9	ed when ince to was do itely doors -5757	n a c ask. eterm reclo are	While while sed, part	vas abo le oper to be there of a (out t ning by Chica	the			
Analysis of	Occurrence:												
The loss of to have been radiological accident wou	containment of less tha release to 1d have had likely occur	integri n fifte have oc to occu	ty at en seco curred r coine	the ti onds d a hyp cident	me of duration pothet: with	disc on. ical this	For a loss brie	y was o any of co af even	estim olant nt, a	nated : in			

LICENSEE EVENT	REPORT (LER)	TEXT CONTINUATION	
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US NUCLEAR REGULATORS COMMISSION

APPROVID DW8 NO 3150-0104

ACTUST NAME IN	DOCKET NUMBER (2)		LER NUMBER IS						PAGE (3)				
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Indian Point Unit No. 2	0 15 10 10 10 1 21 4 17	8 6	-	013	10	_	0 1	0	01	3	OF	0	13

Cause of Occurrence:

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The air lock doors are interlocked to prevent having both doors open at the same time. However, the interlock is on the door latching mechanism, not on the door itself. The inner door latch was closed, satisfying the operating interlock, and allowed the outer door to be opened.

The air lock inner door was successfully reopened and reclosed from the operating station outside the air lock. The air lock was then entered and an inspection was made to determine the reason the interlock had failed. The door mechanism was verified to be in good working order and the door was operated successfully several times.

The cause of the inner door not being secured was determined to be a result of operating the door closing handwheel too quickly at the time of the prior entry which allowed the door to rebound open before the latching mechanism caught the door and locked it closed. This was confirmed during the evaluation of the incident. The individual operating the door was not experienced in operating the air lock doors, and turned the door wheel too quickly.

Corrective Action:

For the short term, to prevent a recurrence of the problem only experienced and trained operators will be permitted to operate the air locks. Door maintenance is scheduled to make the necessary adjustments to ensure that the door will not bounce before being caught by the operating mechanism. The preventive maintenance procedure will also be reviewed and revised as necessary. An engineering review of the door mechanism has also been initiated to determine the most effective long term solution to preventing a recurrence. **Murray Selman** Vice President

Consolidated Edison Company of New York, Inc. Indian Point Station Broadway & Bleakley Avenue Buchanan, NY 10511 Telephone (914) 737-8116

September 10, 1986

Re:

Indian Point Unit No. 2 Docket No. 50-247 LER-86-30-00

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

Dear Sirs:

The attached Licensee Event Report LER-86-30-00 is hereby submitted in accordance with the requirements of 10 CFR Part 50.73.

very truly yours, Murrey Delnur

IE22 11,

att

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, NY 10511