Stephen B. Bram Vice President

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

September 24, 1990

Re: Indian Point Unit No. 2 Docket No. 50-247 LER 90-07-00

Document Control Desk US Nuclear Regulatory Commission Mail Station P1-137 Washington, DC 20555

The attached Licensee Event Report LER 90-07-00 is hereby submitted in accordance with the requirements of 10 CFR 50.73.

Very truly yours,

L. Miele

Attachment

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PDR

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PNU

cc: Mr. Thomas T. Martin Regional Administrator - Region I US Nuclear Regulatory Commission 475 Allendale Road King of Prussia, PA 19406

> Mr. Donald S. Brinkman, Senior Project Manager Project Directorate I-1 Division of Reactor Projects I/II US Nuclear Regulatory Commission Mail Stop 14B-2 Washington, DC 20555

Senior Resident Inspector US Nuclear Regulatory Commission PO Box 38 Buchanan, NY 10511

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	C Gas	Monitor	/ ESF Actu	ation	T RE			. <u> </u>			- FAC	TIFS						
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CAUSE	SYSTEM	COMPONENT	MANUFAC TURER	REPORTABLE TO NPRDS	-		CAUSE	sys	тем	COMPONENT		MANUFA TUREF	AC.	REPO TO	RTABLE NPRDS			
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	On A	ugust 25,	, 1990, at	about 2	2335	hours	s, wit	h r	eac	ctor powe	er a	at 96	5.5%	, · ·				
	the rest	Hyarogen	the trans	dCN) to:	XIC g	as mo	Unitor	ch	ann	nel 2 ala	irme	ed,						
	Svst	for from t	the trans,	Ter ur 1 mode t	(ne u ~ the	entra	il Con Haant	tro	א 1 -'	Room (CCK	() V	Jenti	ilat	ion				
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	As d	lesigned,	the detec	tion of	HCN	by ei	ither	Cha	nne	els 1 or	2 (of tł	1e					
	toxi	c gas mon	itors wil	l gener;	ate a	nale	arm in	th	е (CCR and i	- .so]	late	the	٢				
Į	CCR	Ventilati	on System	. The 7	ſoxic	Gas	Monit	ori	ng	System i	s (class	sifi	ed				
1	as a	n Enginee	red Safety	y Featur	re (E	SF).	No T	ech	nic	cal Speci	fic	catic	on o	r				
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NRC FORM 366A (6-89)	U.S. NUCLEAR REGULATORY COMMISSIO	APPROVED OMB NO.	3150-0104
LICENSEE EVENT I TEXT CONTINU	REPORT (LER) UATION	EXPIRES: 4/30, ESTIMATED BURDEN PER RESPONSI INFORMATION COLLECTION REQUE COMMENTS REGARDING BURDEN EST AND REPORTS MANAGEMENT BRAN, REGULATORY COMMISSION, WASHIN THE PAPERWORK REDUCTION PRO. OF MANAGEMENT AND BUDGET, WAS	/92 E TO COMPLY WTH THIS ST: 50.0 HRS. FORWARD TIMATE TO THE RECORDS CH (P-530), U.S. NUCLEAR IGTON, DC 20555, AND TO IECT (3150-0104), OFFICE SHINGTON, DC 20503.
FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)	PAGE (3)
		YEAR SEQUENTIAL REVISI NUMBER NUMB	
Indian Point Unit No. 2	0 5 0 0 2 4 7	7 9 0 - 0 0 7 - 0 1	0 0 2 0F 0 3
TEXT (If more space is required, use additional NRC Form 366A's) (17) PLANT AND SYSTEM IDENTIFIC	CATION:		
Westinghouse 4-Loop Pressu	urized Water Reactor		
IDENTIFICATION OF OCCURREN	ICE:		
Inadvertent actuation of t initiating operation of an	he HCN toxic gas monitorin Engineered Safety Feature	ng channels, e (ESF).	
EVENT DATE:		•	
August 25-29, 1990			
REPORT DUE DATE:		•	
September 24, 1990			·
REFERENCES:			
Significant Event Report (-425	SOR) 90-408, -410, -413, -	414, -417, -418 and	
PAST SIMILAR OCCURRENCE:			· · · · · · · · · · · · · · · · · · ·
None			
DESCRIPTION OF OCCURRENCE:			
On August 25, 1990, at abo the CCR Ventilation System mode to the incident mode actuation was due to an al system.	ut 2335 hours, with reacto was automatically aligned and an ESF was actuated. arm generated by the HCN t	r power at 96.5%, from the normal The cause of ESF oxic gas monitor	• • •
Immediate investigation de actuations of the HCN toxi occurrences was due to eit senses the respective gas tape causes a fiber optic a false alarm. In all case or replaced, the alarm was normal mode.	termined that the cause of c gas monitor channels 1 a her tears or rips of the p being monitored. Rips or monitor in the toxic gas m es, the paper was either r reset and the ventilation	the inadvertent nd 2 in all aper tape which tears in the paper onitor to generate epaired (advanced) system returned to	

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C FURM 366A U.	S. NUCLEAR REGULATORY COMMISSIO	APPROVED OMB NO. 315	50-0104					
9) 	EXPIRES: 4/30/92							
LICENSEE EVENT REPORT	ESTIMATED BURDEN PER RESPONSE TO COMPLY WTH THIS INFORMATION COLLECTION REQUEST: 50.0 HRS. FORWARE							
TEXT CONTINUATION	COMMENTS REGARDING BURDEN ESTIMATE TO THE RECORDS AND REPORTS MANAGEMENT BRANCH (P-530), U.S. NUCLEAF BECHLATORY COMMERCIAN DRAFT							
		THE PAPERWORK REDUCTION PROJEC OF MANAGEMENT AND BUDGET, WASHING	ON, DC 20555, AND TO T (3150-0104), OFFICE NGTON, DC 20503.					
ILITY NAME (1)	DOCKET NUMBER (2)	I FR NUMBER (6)	PAGE (3)					
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Indian Point Unit No. 2	0.500024	7 9 0 - 0 0 7 - 0 0	0 3 0 0 0 2					
(If more space is required, use additional NRC Form 366A's) (17)		·····						
ANALYSTS OF OCCUPPENCE.								
AMALISIS OF OCCORRENCE:		:	•					
This report is being made since	actuation of an ESF	occurred. Any						
manual or automatic actuation of	an ESF is reportabl	le under	. *.					
50.73(a)(2)(IV). There were no	safety implications;	; all safety systems						
performed in accordance with des	ign.	<u>-</u>	•					
CALLSE OF OCCUPDENCE.		· · · · · · · · · · · · · · · · · · ·						
CRUSE OF OCCURRENCE.								
The HCN toxic gas monitor has in	let and outlet air s	sample numps which						
draw air across a moving tape.	When HCN is detected	i, the tape will						
change color. The tape is conti	nuously monitored by	a fiber optic						
monitor which generates an alarm	in the CCR when the	e proper color is						
achieved. Rips or tears in the	paper tape will caus	e a fiber optic						
due to either tears or ring of the	m. The cause of all	. occurrences was						
due to either tears of rips of th	ne paper tape.	· · · · · · · · · · · · · · · · · · ·						
CORRECTIVE ACTION:		· · ·						
1			· .					
1) Immediate corrective actions	s included repair of	the paper tape and						
the replacement of the paper	r tape cassette.							
2) To eliminate improper tape	installation as a ca	wise of the problem						
the plant operators have be	en provided with add	litional training						
regarding performing tape re	eplacement and assur	ing that the tape						
is properly fed through the	monitor.	-						
checking the monitors has be	oblem is corrected,	the frequency for						
every 4 hours. This is to a	ensure that the tane	nours to once						
fed through the monitor.	that the tape	TO DETUR PLOBELTA	•					
4) Our long term corrective act	tion plan will be to	pursue the						
erimination of the requirement the Technical Specification	ent for the HCN toxi	c gas monitors from						
the recumical specifications	3.							
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