

## LICENSEE EVENT REPORT (LER)

APPROVED OMS NO. 3180-0104  
EXPIRES - 9/31/85

FACILITY NAME (1) INDIAN POINT UNIT 2										DOCKET NUMBER (2) 0 5 0 0 0 2 4 7 1										PAGE (3) 1 OF 2						
TITLE (4)																										
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	6	0	2	8	4	8	4	0	0	5	0	0	0	7	0	2	8	4	0	5	0	0	0	1	1	
OPERATING MODE (9)			THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5. (Check one or more of the following) (11)																							
POWER LEVEL (10)			20.402(b)				20.406(a)				50.73(a)(2)(iv)				73.71(a)											
0 1 0 0			20.406(a)(1)(i)				50.38(a)(1)				50.73(a)(2)(v)				73.71(a)											
			20.406(a)(1)(ii)				50.38(a)(2)				50.73(a)(2)(vi)				OTHER (Specify in Abstract below and in Text, NRC Form 365A)											
			20.406(a)(1)(iii)				50.73(a)(2)(i)				50.73(a)(2)(vii)(A)															
			20.406(a)(1)(iv)				50.73(a)(2)(ii)				50.73(a)(2)(vii)(B)															
			20.406(a)(1)(v)				50.73(a)(2)(iii)				50.73(a)(2)(viii)															
LICENSEE CONTACT FOR THIS LER (12)																										
NAME MICHAEL BLATT, DIRECTOR-REGULATORY AFFAIRS										TELEPHONE NUMBER AREA CODE 9 1 4 5 2 6 5 1 2 7 1																
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	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC		
B	S	E	I	S	V	A	5	8	5	Y																
SUPPLEMENTAL REPORT EXPECTED (14)																										
YES (If you complete EXPECTED SUBMISSION DATE)										NO										EXPECTED SUBMISSION DATE (15)				MONTH	DAY	YEAR
ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single space typewritten lines) (16)																										
<p>On June 2, 1984 during normal shutdown of the plant for a scheduled refueling outage the Main Steam Isolation Valves MS-1-21 and MS-1-24 failed to close within the 5 second period required by the Technical Specifications.</p> <p>The plant proceeded toward cold shutdown as scheduled. Overhaul of the valves is scheduled for the outage.</p>																										

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## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

FACILITY NAME (1)

INDIAN POINT UNIT 2

DOCKET NUMBER (2)

LER NUMBER (8)

PAGE (3)

YEAR SEQUENTIAL REVISION

NUMBER NUMBER NUMBER

0 5 0 0 0 2 4 7 8 4 - 00 15 - 0 10 12 OF 21

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

On June 2, 1984 during normal shutdown of the plant for a scheduled refueling outage the Main Steam Isolation Valve (MSIV) MS-1-21 and MS-1-24 failed to close within the five second time limit required by the Technical Specifications. This event occurred while the plant was at Hot Shutdown under no steam flow conditions.

The MSIVs would have performed their design safety function had the plant been on line. The MSIVs contain free swinging discs which are held in the open position out of the main steam flow path by means of pneumatic operators. The valves close automatically upon signal; the discs fall into the steam flow path due to gravity and are forced closed by the steam flow.

The failure of the MSIVs to fully close or close within the specified time period has been previously attributed to increased packing friction caused by loss of shaft lubricant (see LER 84-002). The lubricant is believed to deteriorate due to the high temperature environment during operation. The design precludes lubrication of the shaft during plant operation.

Due to a previous incident (LER 84-002) at this station as well as an event at another plant concerning these types of valves (pneumatically operated swing check), an overhaul had previously been scheduled for this outage.

John D. O'Toole  
Vice President

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

July 2, 1984

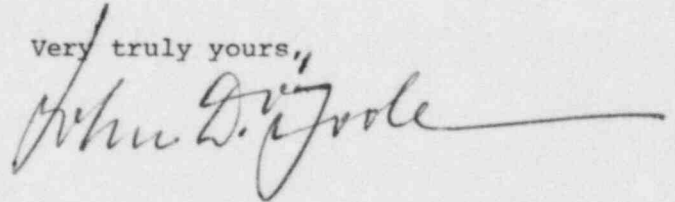
Re: Indian Point Unit No. 2  
Docket No. 50-247  
LER-84-005-00

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

Dear Sirs:

The attached Licensee Event Report LER-84-005-00 is hereby submitted in accordance with the requirements of 10 CFR Part 50.73.

Very truly yours,



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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