

LICENSEE EVENT REPORT (LER)

APPROVED OMS NO 3180-010X  
EXPIRES - 8/31/85

FACILITY NAME (1) INDIAN POINT, UNIT 2 DOCKET NUMBER (2) 0500012471 OF 02 PAGE 2

TITLE (4) T.G. HYDROGEN LEAKAGE/MANUAL RPS ACTUATION

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)
02	02	85	85	001		03	04	85			050001

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § 1.61 (Check one or more of the following) (11)

OPERATING MODE (9)	20.402(b)	20.408(e)	<input checked="" type="checkbox"/>	60.73(a)(2)(iv)	73.71(b)
POWER LEVEL (10) 11010	20.408(a)(1)(i)	60.38(a)(1)		60.73(a)(2)(v)	73.71(c)
	20.408(a)(1)(ii)	60.38(a)(2)		60.73(a)(2)(vi)	OTHER (Specify in Abstract below and in Text, NRC Form 266A)
	20.408(a)(1)(iii)	60.73(a)(2)(i)		60.73(a)(2)(vii)(A)	
	20.408(a)(1)(iv)	60.73(a)(2)(ii)		60.73(a)(2)(vii)(B)	
	20.408(a)(1)(v)	60.73(a)(2)(iii)		60.73(a)(2)(viii)	

LICENSEE CONTACT FOR THIS LER (12)

NAME	TELEPHONE NUMBER
JOHN ELLWANGER	ARSA CODE 914526-5182

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
B	T	FILTA	A12815	N					

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)

On February 2, 1985 the reactor was manually tripped during an orderly shutdown commenced when a hydrogen leak/oil mist was observed at the shaft seals of the Main Generator. The cause of the hydrogen leak was a malfunction of an oil filter in the seal oil supply line to the air side hydrogen seals. Repairs were made to the filter which corrected the hydrogen leakage.

There was no impact on plant safety.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1)  INDIAN POINT, UNIT 2	DOCKET NUMBER (2)  0 15 0 0 0 2 4 7 8 5	LER NUMBER (8)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
			0 0 1	0 0	0 2	OF

TEXT (if more space is required, use additional NRC Form 360a) (17)

On February 2, 1985 while the plant was at full power, a main generator hydrogen system trouble alarm annunciated. Visual inspection of the turbine generator revealed an oil mist at the shaft seals. Further inspection of the hydrogen seal oil unit revealed that the air side backup pump was in operation and the air side Cuno filter could not be rotated. The hydrogen pressure was observed to decrease.

A decision was made to vent the generator hydrogen and to proceed with an orderly shutdown. At fifty percent of full power the reactor was manually tripped.

Subsequent examination of the Cuno filter indicated that internal supports had most likely failed as a result of incorrect reassembly. This resulted in an inability to clean the Cuno filter, which had clogged, causing the sequence of events described. The Cuno filter was repaired and placed back in service. The hydrogen seal oil unit was then shown to be functioning in a satisfactory manner and the plant was returned to normal operation. A new duplex filter is being order to replace the current filter. This is intended to assure that at least one filter will be available.

There was no effect upon plant safety; the Reactor Protection System operated as designed.

John D. O'Toole  
Vice President

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

February 20, 1985

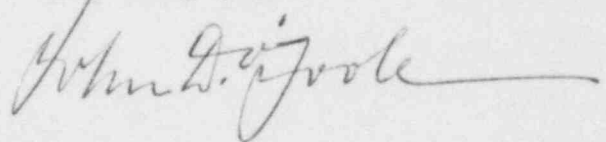
Re: Indian Point Unit No. 2  
Docket No. 50-247  
LER-85-001-00

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

Dear Sirs:

The attached Licensee Event Report LER-85-001-00 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  
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