

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Indian Point Unit No. 2		DOCKET NUMBER (2) 0 5 0 0 0 2 4 7	PAGE (3) 1 OF 0 3
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TITLE (4)
Inoperable Diesel Generators

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 3	1 8	8 7	8 7	0 0 5	0 0 0	4	1 7	8 7			0 5 0 0 0
											0 5 0 0 0

OPERATING MODE (9) N

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

POWER LEVEL (10) 1 0 0	20.402(a)	20.408(a)	80.736(a)(2)(iv)	73.71(b)
	20.408(a)(1)(ii)	80.28(a)(1)	80.736(a)(2)(v)	73.71(c)
	20.408(a)(1)(iii)	80.28(a)(2)	80.736(a)(2)(vi)	OTHER (Specify in Abstract below and in Text, NRC Form 200-A)
	20.408(a)(1)(iv)	X 80.736(a)(2)(ii)	80.736(a)(2)(vii)(A)	
	20.408(a)(1)(v)	80.736(a)(2)(iii)	80.736(a)(2)(vii)(B)	
	20.408(a)(1)(vi)	80.736(a)(2)(iv)	80.736(a)(2)(i)	

LICENSEE CONTACT FOR THIS LER (12)

NAME James Xenakis, Engineer	TELEPHONE NUMBER AREA CODE 9 1 4 5 1 2 6 1 - 1 5 1 6 1 6
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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	E, K	R, V	A, 1, 5, 2	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 March 18, 1987, one Emergency Diesel Generator (DG), No. 22, became inoperable while a second Emergency Diesel Generator, No. 23, was in post maintenance test status. This created conditions which were not in conformity with unit operability requirements as set forth in Technical Specification 3.0.1, and hence a plant shutdown was initiated. The health and safety of the public were not affected.

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PDR ADOCK 05000247
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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES 6/31/85

FACILITY NAME (1): Indian Point Unit No. 2	DOCKET NUMBER (2): 0 5 0 0 0 2 4 7	LER NUMBER (6):			PAGE (3):		
		YEAR	SEQUENT A. NUMBER	REVISION NUMBER			
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Plant and System Description:
Westinghouse 4-loop pressurized water reactor

Identification of Occurrence:
Inoperable Diesel Generators

Event Date:
March 18, 1987

Report Due Date:
April 17, 1987

Reference:
Significant Occurrence Report (SOR) 87-149

Past Similar Occurrence:
LER 78-037 and LER 81-018

Description of Occurrence:

On March 18, 1987, while Unit No. 2 was at 100% power, plant personnel were conducting a post maintenance test of Emergency Diesel Generator (DG) No. 23, when it was discovered that a relief valve (RV) on DG No. 22 starting air system (LC) (left hand side) was leaking. The redundant starting air system (LC) (right hand side) for DG No. 22 had been inoperable and isolated for 2 weeks prior to this event, thus rendering DG No. 22 DG inoperable. With both redundant air start systems for DG No. 22 DG inoperable and No. 23 DG in a post maintenance test, plant Technical Specification 3.0.1 required the plant to be in hot shutdown within seven hours.

Cause of Occurrence:

An inspection of the relief valve and discussions with maintenance personnel indicate that these failures can be attributed to particles of rust due to the presence of moisture which degrade the operation of valves in the DG starting air system.

Analysis of Occurrence:

This report is being made since the plant entered Technical Specification

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO 3150-0104
EXPIRES 6/30/85

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		YEAR	SEQUENT A: NUMBER	REVISION NUMBER			
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1. LIST IF MORE SPACE IS REQUIRED USE ADDITIONAL NRC Form 302A (1/77)

provision 3.0.1, which applies when DG operability requirements conditions are not in conformity with Technical Specification 3.7.B.1.

DG No. 22 was restored to operable status within 15 minutes. During this short period of time, in addition to the remaining diesel generator, DG No. 21, three gas turbine generators were available to supply emergency power in the event all off-site power was lost. The unit could be brought to cold shutdown with just one turbine generator.

Corrective Actions:

The relief valve on DG No. 22 starting air system (left hand side) was replaced. A study is being conducted in order to improve the reliability of the DG starting air system. This study will address the possible upgrading of the DG air start system. It is currently anticipated that this study will be completed by the end of June 1987.

Murray Selman
Vice President

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

April 17, 1987

Re: Indian Point Unit No. 2
Docket No. 50-247
LER-87-05

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

Dear Sirs:

The attached Licensee Event Report LER-87-005-00 is hereby submitted in accordance with the requirements of 10 CFR Part 50.73.

Very truly yours,



att

cc: 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

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