(7-77)

LICENSEE EVENT REPORT

CONTROL BLOCK: (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 | N Y I P S 2 (2) | 0 0 - 0 0 0 0 0 - 0 0 (3) | 4 1 1 1 1 (4) | (5)

LICENSEE CODE | LICENSE NUMBER | LICENSE TYPE | CAT

CON'T

0 | REPORT SOURCE L (6) | 0 5 0 0 d d 2 4 7 (7) | 1 1 0 5 8 2 (8) | 1 2 0 5 8 2 (9)

DOCKET NUMBER | EVENT DATE | REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | During surveillance testing, the air flow through No. 24 reactor containment

0 3 | Fan Cooler Unit Charcoal Filter was found to be approximately 7% less than

0 4 | required by Technical Specification 4.5.D.2.a. The charcoal filters are intended

0 5 | for use during an incident to remove radioactive iodine in the containment

0 6 | atmosphere. The health and safety of the public were unaffected. There were

0 7 | no previous similar events.

0 8 |

SYSTEM CODE | CAUSE CODE | CAUSE SUBCODE | COMPONENT CODE | COMP. SUBCODE | VALVE SUBCODE

0 9 | S C (11) | E (12) | B (13) | B I O W E R (14) | Z (15) | Z (16)

(17) LER/RO REPORT NUMBER: EVENT YEAR 8 2 | — | SEQUENTIAL REPORT NO. 0 4 8 | / | OCCURRENCE CODE 0 3 | REPORT TYPE X | — | REVISION NO. 1

ACTION TAKEN | FUTURE ACTION | EFFECT ON PLANT | SHUTDOWN METHOD | HOURS (22) | ATTACHMENT SUBMITTED | NPRD-4 FORM SUB. | PRIME COMP. SUPPLIER | COMPONENT MANUFACTURER

Z (18) | B (19) | Z (20) | Z (21) | 0 0 0 0 | Y (23) | N (24) | N (25) | W 1 2 0 (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 | The indicated low flow was caused by an unfastening of No. 24 fan plenum to the

1 1 | crane wall. This allowed a small volume of air to recirculate to the inlet of the

1 2 | fan. The reduced system flow was seen in low charcoal air flow. The plenum was

1 3 | reattached and sealed. The air flow through the charcoal filter is now acceptable.

1 4 |

FACILITY STATUS | % POWER | OTHER STATUS (30) | METHOD OF DISCOVERY | DISCOVERY DESCRIPTION (32)

1 5 | H (28) | 0 0 0 (29) | NA | R (31) | Surveillance testing

ACTIVITY RELEASED | CONTENT OF RELEASE | AMOUNT OF ACTIVITY (35) | LOCATION OF RELEASE (36)

1 6 | Z (33) | Z (34) | NA | NA

PERSONNEL EXPOSURES: NUMBER | TYPE | DESCRIPTION (39)

1 7 | 0 0 0 (37) | Z (38) | NA

PERSONNEL INJURIES: NUMBER | DESCRIPTION (41)

1 8 | 0 0 0 (40) | NA

LOSS OF OR DAMAGE TO FACILITY (43): TYPE | DESCRIPTION

1 9 | Z (42) | NA

PUBLICITY: ISSUED | DESCRIPTION (45)

2 0 | N (44) | NA

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PDR ADOCK 05000247
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NRC USE ONLY

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ATTACHMENT

Docket No. 50-247
LER 82-048/03X-1

Consolidated Edison Co. of N.Y., Inc.
Indian Point Station Unit 2

On November 5, 1982 during surveillance testing the air flow through No. 24 Reactor Containment Fan Cooler Unit Charcoal Filter was found to be 452 CFM (7%) less than the 8,000 CFM required by the Technical Specification. The primary function of the charcoal filters is to remove radioactive iodine from the containment atmosphere in the event of a design basis accident.

Immediate corrective action reported in Revision 0 of this LER involved the exchange of the original charcoal trays for fresh charcoal trays. A sample from the old charcoal trays was laboratory tested and results demonstrated compliance with iodine removal efficiency requirements.

A visual inspection of the Fan Cooler Unit on September 2, 1982 found nine consecutive bolts that attached the fan plenum to the crane wall were broken and a section of the rubber gasket between the plenum and the wall was missing. This allowed a small volume of air to recirculate to the inlet of the fan and reduced the total flow through the charcoal filters.

These nine broken bolts failed on or about September 1, 1982. This was caused by the outboard fan bearing failure which dropped the shaft and impeller on the plenum. Repair of the bolts and the fan plenum was scheduled earlier in the refueling/maintenance outage but was not completed prior to the November 5, 1982 flow test. Upon completion of repairs to the fan plenum the unit was retested and flow through the charcoal filter was acceptable.