

**LICENSEE EVENT REPORT**

CONTROL BLOCK: 

(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 |
| 2 | 9 | 9             |   |   |   |   |   | 14 | 15 | 25             |   |   |   |   |   |   |   |   |   | 26 | 30           |   |   |   |   | 57 | 58 |  |   |
|   |   | LICENSEE CODE |   |   |   |   |   |    |    | LICENSE NUMBER |   |   |   |   |   |   |   |   |   |    | LICENSE TYPE |   |   |   |   |    |    |  |   |

CON'T

REPORT SOURCE 0 1 2 8 L 6 0 5 0 0 0 2 4 7 7 0 6 2 1 8 2 8 0 7 2 1 8 2 9  
60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | During normal operation, operator noted one of the Boron Injection  
0 3 | Tank level indicators (Yellow channel) was reading low (T.S.3.3.A).  
0 4 | The operable spare channel (White) was placed in service. There were  
0 5 | no other safety implications and the health and safety of the public  
0 6 | were unaffected. Previous similar events: LERs 82-12 & 82-23.

0 7

0 8

7 8 9

|                         |  |                       |  |                         |  |                                  |  |                     |  |                              |  |                          |  |                              |  |
|-------------------------|--|-----------------------|--|-------------------------|--|----------------------------------|--|---------------------|--|------------------------------|--|--------------------------|--|------------------------------|--|
| SYSTEM CODE<br>S F 11   |  | CAUSE CODE<br>E 12    |  | CAUSE SURCODE<br>13     |  | COMPONENT CODE<br>I N S T R U 14 |  |                     |  | COMP. SUBCODE<br>T 15        |  | VALVE SUBCODE<br>Z 16    |  |                              |  |
| 7 8                     |  | 9 10                  |  | 11 12                   |  | 13 14 15 16 17 18                |  |                     |  | 19 20                        |  | 21 22                    |  |                              |  |
| 17 LER/RO REPORT NUMBER |  | EVENT YEAR<br>8 2     |  | 23                      |  | SEQUENTIAL REPORT NO.<br>0 2 7   |  | 27                  |  | OCCURRENCE CODE<br>0 3       |  | REPORT TYPE<br>L         |  | REVISION NO.<br>0            |  |
| 21 22                   |  | 23 24                 |  | 25 26                   |  | 27 28                            |  | 29 30               |  | 31 32                        |  | 33 34                    |  | 35 36                        |  |
| ACTION TAKEN<br>X 18    |  | FUTURE ACTION<br>X 19 |  | EFFECT ON PLANT<br>Z 20 |  | SHUTDOWN METHOD<br>Z 21          |  | HOURS<br>0 0 0 0 22 |  | ATTACHMENT SUBMITTED<br>Y 23 |  | NPRD-4 FORM SUB.<br>N 24 |  | PRIME COMP. SUPPLIER<br>N 25 |  |
| 33 34                   |  | 35 36                 |  | 37 38                   |  | 39 40                            |  | 41 42               |  | 43 44                        |  | 45 46                    |  | 47 48                        |  |
| 49 50                   |  | 51 52                 |  | 53 54                   |  | 55 56                            |  | 57 58               |  | 59 60                        |  | 61 62                    |  | 63 64                        |  |

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 Solidification of boric acid in the instrument impulse line resulted in erroneous indication of level. The affected line was cleared and

1 1 the instrument returned to normal operation. Instrument data: Barton

1 2 Electronic Transmitter Model 232/252.

1 3

1 4 7 8 9  
FACILITY STATUS  
1 5 2 6 0  
E 28  
% POWER  
1 0 0 12 29  
OTHER STATUS  
NA 30  
METHOD OF DISCOVERY  
A 31  
DISCOVERY DESCRIPTION  
Control Room Indication 32

ACTIVITY CONTENT  
RELEASED OF RELEASE AMOUNT OF ACTIVITY (35)  
1 6 Z (33) Z (34) NA  
3 6 9 10 11 44

LOCATION OF RELEASE (36)  
NA

| PERSONNEL EXPOSURES |   |   |      |             |      |   |      |  |    |
|---------------------|---|---|------|-------------|------|---|------|--|----|
| NUMBER              |   |   | TYPE | DESCRIPTION |      |   |      |  |    |
| 1                   | 7 | 0 | 0    | 0           | (37) | Z | (38) |  | NA |

| PERSONNEL INJURIES |   | DESCRIPTION |   |
|--------------------|---|-------------|---|
| NUMBER             |   |             |   |
| 1                  | 0 | 0           | 0 |
| 2                  | 0 | 0           | 0 |
| 3                  | 0 | 0           | 0 |
| 4                  | 0 | 0           | 0 |
| 5                  | 0 | 0           | 0 |
| 6                  | 0 | 0           | 0 |
| 7                  | 0 | 0           | 0 |
| 8                  | 0 | 0           | 0 |
| 9                  | 0 | 0           | 0 |
| 10                 | 0 | 0           | 0 |
| 11                 | 0 | 0           | 0 |
| 12                 | 0 | 0           | 0 |
| 13                 | 0 | 0           | 0 |
| 14                 | 0 | 0           | 0 |
| 15                 | 0 | 0           | 0 |
| 16                 | 0 | 0           | 0 |
| 17                 | 0 | 0           | 0 |
| 18                 | 0 | 0           | 0 |
| 19                 | 0 | 0           | 0 |
| 20                 | 0 | 0           | 0 |
| 21                 | 0 | 0           | 0 |
| 22                 | 0 | 0           | 0 |
| 23                 | 0 | 0           | 0 |
| 24                 | 0 | 0           | 0 |
| 25                 | 0 | 0           | 0 |
| 26                 | 0 | 0           | 0 |
| 27                 | 0 | 0           | 0 |
| 28                 | 0 | 0           | 0 |
| 29                 | 0 | 0           | 0 |
| 30                 | 0 | 0           | 0 |
| 31                 | 0 | 0           | 0 |
| 32                 | 0 | 0           | 0 |
| 33                 | 0 | 0           | 0 |
| 34                 | 0 | 0           | 0 |
| 35                 | 0 | 0           | 0 |
| 36                 | 0 | 0           | 0 |
| 37                 | 0 | 0           | 0 |
| 38                 | 0 | 0           | 0 |
| 39                 | 0 | 0           | 0 |
| 40                 | 0 | 0           | 0 |
| 41                 | 0 | 0           | 0 |
| 42                 | 0 | 0           | 0 |
| 43                 | 0 | 0           | 0 |
| 44                 | 0 | 0           | 0 |
| 45                 | 0 | 0           | 0 |
| 46                 | 0 | 0           | 0 |
| 47                 | 0 | 0           | 0 |
| 48                 | 0 | 0           | 0 |
| 49                 | 0 | 0           | 0 |
| 50                 | 0 | 0           | 0 |
| 51                 | 0 | 0           | 0 |
| 52                 | 0 | 0           | 0 |
| 53                 | 0 | 0           | 0 |
| 54                 | 0 | 0           | 0 |
| 55                 | 0 | 0           | 0 |
| 56                 | 0 | 0           | 0 |
| 57                 | 0 | 0           | 0 |
| 58                 | 0 | 0           | 0 |
| 59                 | 0 | 0           | 0 |
| 60                 | 0 | 0           | 0 |
| 61                 | 0 | 0           | 0 |
| 62                 | 0 | 0           | 0 |
| 63                 | 0 | 0           | 0 |
| 64                 | 0 | 0           | 0 |
| 65                 | 0 | 0           | 0 |
| 66                 | 0 | 0           | 0 |
| 67                 | 0 | 0           | 0 |
| 68                 | 0 | 0           | 0 |
| 69                 | 0 | 0           | 0 |
| 70                 | 0 | 0           | 0 |
| 71                 | 0 | 0           | 0 |
| 72                 | 0 | 0           | 0 |
| 73                 | 0 | 0           | 0 |
| 74                 | 0 | 0           | 0 |
| 75                 | 0 | 0           | 0 |
| 76                 | 0 | 0           | 0 |
| 77                 | 0 | 0           | 0 |
| 78                 | 0 | 0           | 0 |
| 79                 | 0 | 0           | 0 |
| 80                 | 0 | 0           | 0 |
| 81                 | 0 | 0           | 0 |
| 82                 | 0 | 0           | 0 |
| 83                 | 0 | 0           | 0 |
| 84                 | 0 | 0           | 0 |
| 85                 | 0 | 0           | 0 |
| 86                 | 0 | 0           | 0 |
| 87                 | 0 | 0           | 0 |
| 88                 | 0 | 0           | 0 |
| 89                 | 0 | 0           | 0 |
| 90                 | 0 | 0           | 0 |
| 91                 | 0 | 0           | 0 |
| 92                 | 0 | 0           | 0 |
| 93                 | 0 | 0           | 0 |
| 94                 | 0 | 0           | 0 |
| 95                 | 0 | 0           | 0 |
| 96                 | 0 | 0           | 0 |
| 97                 | 0 | 0           | 0 |
| 98                 | 0 | 0           | 0 |
| 99                 | 0 | 0           | 0 |
| 100                | 0 | 0           | 0 |

| 7                             |   | 8           |     | 9  |  | 10 |  | 11 |  | 12 |  |
|-------------------------------|---|-------------|-----|----|--|----|--|----|--|----|--|
| LOSS OF OR DAMAGE TO FACILITY |   |             |     |    |  |    |  |    |  |    |  |
| TYPE                          |   | DESCRIPTION |     |    |  |    |  |    |  |    |  |
| 1                             | 9 | Z           | (4) | NA |  |    |  |    |  |    |  |

7 8 9 10  
PUBLICITY  
ISSUED (11) DESCRIPTION (35)  
2 0 N NA  
7 8 9 10  
8208020232 820721  
PDR ADOCK 05000247  
S PDR  
Bob Fitzpatrick  
NRC USE ONLY  
526-5349

NRC USE ONLY Y

(914) 526-5349

ATTACHMENT

LER 82-027

Docket No. 50-247  
LER No. 82-027-03-L-0

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

Additional Information

As a result of a similar event on March 9, 1982 (LER 82-012) when one of the Boron Injection Tank level instrument impulse lines became blocked due to solidification of boric acid, an Engineering evaluation for correction of the problem was initiated. The scope of work consists of:

1. A review of BIT level taps, sensor piping, level transmitters, prefilled lines and heat trace system.
2. A determination as to whether the present system can be made more reliable or whether a complete replacement with a new system is required.
3. Provide recommended short term and long term solutions.

The recommendations resulting from the evaluation and which are incorporated into the BIT system will be described in an updated LER.