

# LICENSEE EVENT REPORT

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

|   |   |               |   |   |   |   |   |    |    |                |   |   |   |   |   |   |   |   |   |    |    |              |   |   |   |    |    |        |  |    |
|---|---|---------------|---|---|---|---|---|----|----|----------------|---|---|---|---|---|---|---|---|---|----|----|--------------|---|---|---|----|----|--------|--|----|
| 0 | 1 | N             | Y | I | P | S | 3 | 2  | 0  | 0              | - | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 | 0  | 3  | 4            | 1 | 1 | 1 | 1  | 4  | 5      |  |    |
| 8 | 9 | LICENSEE CODE |   |   |   |   |   | 14 | 15 | LICENSE NUMBER |   |   |   |   |   |   |   |   |   | 25 | 26 | LICENSE TYPE |   |   |   | 30 | 57 | CAT 58 |  | 58 |

|   |   |               |   |    |    |               |   |   |   |   |   |    |    |            |   |   |   |    |    |             |   |   |   |    |   |   |
|---|---|---------------|---|----|----|---------------|---|---|---|---|---|----|----|------------|---|---|---|----|----|-------------|---|---|---|----|---|---|
| 0 | 1 | L             | 6 | 0  | 5  | 0             | 0 | 0 | 2 | 8 | 6 | 7  | 0  | 2          | 2 | 3 | 7 | 8  | 8  | 0           | 3 | 0 | 9 | 7  | 8 | 9 |
| 8 | 9 | REPORT SOURCE |   | 60 | 61 | DOCKET NUMBER |   |   |   |   |   | 68 | 69 | EVENT DATE |   |   |   | 74 | 75 | REPORT DATE |   |   |   | 80 |   |   |

### EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | During normal operation, following notification by NRC of a potential  
 0 3 | problem in the calibration of accumulator level transmitters, an invest-  
 0 4 | igation revealed that the volume of borated water in each accumulator  
 0 5 | was in excess of the maximum set forth in Tech. Specs. 3.3.A.3.c. Upon  
 0 6 | confirmation of this error, a plant shutdown was immediately initiated,  
 0 7 | concurrent with a draining of the accumulators. When the accumulators  
 0 8 | were within specs, shutdown activities were terminated.

|    |            |    |                       |    |                 |    |             |    |              |               |    |               |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|------------|----|-----------------------|----|-----------------|----|-------------|----|--------------|---------------|----|---------------|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 0  | 9          | I  | B                     | D  | Z               | I  | N           | S  | T            | R             | U  | T             | Z  |    |    |    |    |    |    |    |    |    |    |    |    |
| 7  | 8          | 9  | 10                    | 11 | 12              | 13 | 18          | 19 | 20           | COMP. SUBCODE |    | VALVE SUBCODE |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 17 | EVENT YEAR |    | SEQUENTIAL REPORT NO. |    | OCCURRENCE CODE |    | REPORT TYPE |    | REVISION NO. |               |    |               |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 7  | 8          | 9  | 10                    | 11 | 12              | 13 | 14          | 15 | 16           | 17            | 18 | 19            | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 |
| 18 | E          | B  | Z                     | 0  | 0               | 0  | 0           | Y  | N            | N             | R  | 3             | 6  | 9  |    |    |    |    |    |    |    |    |    |    |    |
| 33 | 34         | 35 | 36                    | 37 | 38              | 39 | 40          | 41 | 42           | 43            | 44 | 45            | 46 | 47 |    |    |    |    |    |    |    |    |    |    |    |

### CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 | This event was the result of an error in the method of calibrating accu-  
 1 1 | mulator level transmitters LT-934A, B, C, D and LT-935A, B, C, D. These  
 1 2 | transmitters are Rosemount, Inc., Model 1151DP alphaline differential  
 1 3 | pressure transmitters. Applicable instrumentation was subsequently reca-  
 1 4 | librated and procedures changed to reflect the true levels in the accu-  
 1 5 | mulators.

|   |   |   |    |    |    |    |    |                  |
|---|---|---|----|----|----|----|----|------------------|
| 1 | 5 | F | 0  | 9  | 1  | NA | A  | Staff Identified |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15               |
| 1 | 6 | Z | Z  | NA | NA |    |    |                  |
| 7 | 8 | 9 | 10 | 11 | 12 |    |    |                  |
| 1 | 7 | 0 | 0  | 0  | Z  | NA |    |                  |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 |    |                  |
| 1 | 8 | 0 | 0  | 0  | NA |    |    |                  |
| 7 | 8 | 9 | 10 | 11 | 12 |    |    |                  |
| 1 | 9 | Z | NA |    |    |    |    |                  |
| 7 | 8 | 9 | 10 |    |    |    |    |                  |
| 2 | 0 | N | NA |    |    |    |    |                  |
| 7 | 8 | 9 | 10 |    |    |    |    |                  |

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ATTACHMENT I

Docket No. 50-286

Consolidated Edison Co. of N.Y., Inc.  
Power Authority of the State of New York  
Indian Point Unit No. 3

LER-78-004/01T-0

On February 23, 1978, while at a steady state power level of 91%, a review of the method used to calibrate the accumulator level transmitters revealed that the weight of nitrogen in the dry leg between the level of water in the accumulator and the differential pressure cell was not taken into account in the calibration procedure. Neglecting this correction factor introduced an error of approximately 5 inches (29 cubic feet) in the contents of each accumulator. This error was in the direction such that the quantity of water in each accumulator was in excess of the maximum permitted by Tech. Specs. This review had been initiated following notification from the NRC that a problem might exist in the calibration of accumulator level transmitters.

On verification of this error, shutdown activities were started, concurrent with a draining of each accumulator. When each accumulator had been returned to within specifications, shutdown activities were halted, and power was stabilized at 91%.

Subsequent to this, the associated instrumentation was recalibrated to reflect the true level in the accumulators, and the necessary procedures were revised to account for the applicable correction factor.

Component data for the level transmitters in question are as follows:

|                    |                   |
|--------------------|-------------------|
| Plant designations | LT-934 A, B, C, D |
|                    | LT-935 A, B, C, D |

Rosemount, Inc.  
Model 1151 DP  
Alphaline  
Differential and High Differential Pressure Transmitters

This event is applicable to Unit 3 Technical Specification 3.3.A.3.c, and is reportable under the provisions of Technical Specification 6.9.1.7.1(b).