

# LICENSEE EVENT REPORT

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

01 | N | Y | I | P | S | 2 | 2 | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | 3 | 4 | 1 | 1 | 1 | 1 | 4 | \_\_\_\_\_ | 5  
7 8 9 14 15 25 26 30 57 CAT 58

CON'T  
01 | REPORT SOURCE | L | 6 | 0 | 5 | 0 | 0 | 0 | 2 | 4 | 7 | 7 | 0 | 9 | 2 | 0 | 7 | 8 | 8 | 1 | 0 | 0 | 4 | 7 | 8 | 9  
7 8 60 61 68 69 74 75 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 | While at cold shutdown for a maintenance outage, a leak was discovered  
03 | in an elbow connection between containment isolation valves (Plant De-  
04 | signations 743 and 1870) in a recirculation path from the residual heat  
05 | removal pumps. Both valves were closed, thereby isolating the leak for  
06 | repairs. This event is reportable under the provisions of Technical  
07 | Specification 6.9.1.7.1(c).

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09 | SYSTEM CODE | CAUSE CODE | CAUSE SUBCODE | COMPONENT CODE | COMP. SUBCODE | VALVE SUBCODE  
C | F | 11 | E | 12 | C | 13 | P | I | P | E | X | X | 14 | A | 15 | Z | 16  
9 10 11 12 13 18 19 20

17 | LER/RO REPORT NUMBER | EVENT YEAR | SEQUENTIAL REPORT NO. | OCCURRENCE CODE | REPORT TYPE | REVISION NO.  
7 | 8 | 7 | 8 | 0 | 2 | 8 | 0 | 1 | T | 0  
21 22 24 26 27 29 30 31 32

ACTION TAKEN | FUTURE ACTION | EFFECT ON PLANT | SHUTDOWN METHOD | HOURS | ATTACHMENT SUBMITTED | NPRD-4 FORM SUB. | PRIME COMP. SUPPLIER | COMPONENT MANUFACTURER  
A | 18 | X | 19 | Z | 20 | Z | 21 | 0 | 0 | 0 | 0 | Y | 23 | N | 24 | N | 25 | X | 9 | 9 | 9 | 26  
33 34 35 36 37 40 41 42 43 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 | Investigation revealed pinhole leaks at the elbow between valves 743  
11 | and 1870. The affected section was removed and a prefabricated section  
12 | of piping, containing a replacement elbow, installed. The line was  
13 | then hydrottested successfully and returned to service.

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15 | FACILITY STATUS | % POWER | OTHER STATUS (30) | METHOD OF DISCOVERY | DISCOVERY DESCRIPTION (32)  
G | 28 | 0 | 0 | 0 | 29 | NA | B | 31 | Visual Observation  
7 8 9 10 12 13 44 45 46 80

16 | ACTIVITY CONTENT | AMOUNT OF ACTIVITY (35) | LOCATION OF RELEASE (36)  
Z | 33 | Z | 34 | NA | NA  
7 8 9 10 11 44 45 80

17 | PERSONNEL EXPOSURES | DESCRIPTION (39)  
0 | 0 | 0 | 37 | Z | 38 | NA  
7 8 9 11 12 13 80

18 | PERSONNEL INJURIES | DESCRIPTION (41)  
0 | 0 | 0 | 40 | NA  
7 8 9 11 12 80

19 | LOSS OF OR DAMAGE TO FACILITY | DESCRIPTION (43)  
Z | 42 | NA  
7 8 9 10 80

20 | PUBLICITY ISSUED | DESCRIPTION (45) | NRC USE ONLY  
N | 44 | NA | \_\_\_\_\_  
7 8 9 10 68 69 80

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ATTACHMENT I

Docket No. 50-247

Consolidated Edison Co. of N.Y., Inc.

LER-78-028/01T-0

Indian Point Unit No. 2

On September 20, 1978, while in the cold shutdown condition for a scheduled maintenance outage, a leak was discovered in an elbow connection between containment isolation valves in a recirculation path from the residual heat removal pumps. These valves are plant-designated 743 and 1870 (reference U.E. & C Dwg. No. 9321-F-2720). In order to isolate the leak, both of these isolation valves were closed. Further investigation revealed a number of pinhole leaks at the elbow. An attempt to repair the affected area was unsuccessful, thus necessitating removal of that section of piping between the two valves. The removed section will be analyzed to attempt to determine the cause of this event.

To facilitate replacement and to minimize personnel exposures, a prefabricated section of piping containing a new elbow and a manual valve replacement for valve 743 was installed. This section of piping included the section of piping downstream of valve 1870 up to and including the upstream bolted flange for flow element 642. Following installation of this new piping section, the line was successfully hydrotested at 625 psig. Appendix J Type "C" tests were also satisfactorily performed on the new manual globe valve 743. Future action, if any, will be determined by the results of the analysis being performed on the affected section of piping.

This event is of the type described in Technical Specification 6.9.1.7.1(c).