

Stephen E. Quinn  
Vice President

Consolidated Edison Company of New York, Inc.  
Indian Point Station  
Broadway & Bleakley Avenue  
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Telephone (914) 734-5340

April 4, 1995

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

Document Control Desk  
US Nuclear Regulatory Commission  
Mail Station P1-137  
Washington, DC 20555

SUBJECT: 10 CFR Part 21 Written Notification

On March 8, 1995, Con Edison submitted, by facsimile, the initial notification of a condition at Indian Point Unit No. 2 which we determined to be reportable under the requirements of 10 CFR 21. The reported condition involved NUPRO check valves delivered with the flow arrow pointed in the wrong direction. Although the valves by themselves did not pose a substantial safety hazard, we believe that the potential for a substantial safety hazard did exist had we installed the valves in safety-related applications. The requirements of 10 CFR 21.21(c)(4) identify specific information to be included in this written notification. That information is provided in the attachment to this letter.

Should you have any questions regarding this matter, please contact Mr. Charles W. Jackson, Manager, Nuclear Safety and Licensing.

Very truly yours,



cc: Mr. Thomas T. Martin  
Regional Administrator - Region I  
US Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, PA 19406

Mr. Francis J. Williams, Jr., Project Manager  
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ATTACHMENT

Indian Point Unit No. 2 NUPRO Check Valves

The following information is provided as required by 10 CFR 21.21(c)(4).

- (i) Name and address of the individual or individuals informing the Commission.

Stephen E. Quinn  
Vice President, Nuclear Power  
Indian Point Unit No. 2  
Broadway and Bleakley Ave.  
Buchanan, NY 10511

- (ii) Identification of the facility, the activity, or the basic component supplied for such facility or such activity within the United States which fails to comply or contains a defect.

Component: 1/4 inch lift check valves

Model: Part #SS-53S4  
Body & Bonnet Material: 316 SS  
Poppet Material: 17-4PH SS

- (iii) Identification of the firm constructing the facility or supplying the basic component which fails to comply or contains a defect.

Manufacturer: NUPRO Company  
Willoughby, Ohio

Sold Through: Westchester Valve & Fitting Company  
Briarcliff Manor, N.Y.

- (iv) Nature of the defect or failure to comply and the safety hazard which is created or could be created by such defect or failure to comply.

On January 23, 1995 while preparing to install a NUPRO Model SS-53S4 1/4 inch Lift Check Valve it was determined that the flow arrow marked on the valve body pointed in the wrong direction. The nine other valves delivered in the same lot were also marked incorrectly. The valves had been purchased via Westchester Valve and Fitting Company in August 1994 as commercial grade items for safety related service and were dedicated by Con Edison. A functional check was not performed. Our dedication plan has been revised to include a functional check on all similar valves in the future.

We have determined that a substantial safety hazard did not exist since none of these valves had been installed in the plant. However, since it is possible that they could have been installed in safety-related applications and since the non-conformance has been

found after receipt inspection and dedication. We believe that a defect, as defined in 10 CFR 21.3(d)(1), did exist.

- (v) The date on which the information of such defect or failure to comply was obtained.

See Section IV above for general chronology. A preliminary evaluation concluded that the condition was reportable per 10 CFR 21. This evaluation was finalized by the Designated Responsible Company Officer on March 8, 1995 and the initial notification was made to the NRC Operations Center by facsimile on that same day.

- (vi) In the case of a basic component which contains a defect or fails to comply, the number and location of all such components in use at, supplied for, or being supplied for one or more facilities or activities subject to the regulations in this part.

Ten valves were purchased and those ten were found in stock. None of those ten valves had been installed in the plant.

- (vii) The corrective action which has been, is being, or will be taken; the name of the individual or organization responsible for the action; and the length of time that has been or will be taken to complete the action.

Con Edison's dedication plan has been revised to include a functional check on all similar valves in the future.

NUPRO has investigated the problem, believes it to be isolated, the result of human error and insufficient instruction detail. They have taken immediate action to inspect all the inventory in their distribution system. In addition, they have taken short term corrective action through discussions with their test personnel and changes to their marking and test processes. They are pursuing long term corrective action to prevent making future errors.

- (viii) Any advice related to the defect or failure to comply about the facility, activity, or basic component that has been, is being, or will be given to purchasers or licensees.

A notice was entered on the INPO Nuclear Network on March 13, 1995.