

Consolidated Edison Company of New York  
4 Broad Place, New York, N.Y. 10004  
Telephone (212) 460-1533

**REGULATORY DOCKET FILE COPY**

December 29, 1977

Re: Indian Point Unit No. 3  
Docket No. 50-286

Mr. Boyce H. Grier, Director  
Office of Inspection and Enforcement  
Region I  
U. S. Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, Pennsylvania 19406



Dear Mr. Grier:

In accordance with the reporting requirements of Sections 5.6.2.2(c) and 2.4.2(f) of the Environmental Technical Specification Requirements (ETSR), the following 10-day written report is submitted:

On December 19, 1977, during a routine power escalation following startup, the plant vent monitor indicated an unplanned release of radiogas to the atmosphere. The total activity released, calculated to be approximately 7.5 curies of noble gases, was well within the limits specified in the ETSR.

Subsequent investigation indicated that a malfunctioning regulator (plant designation PCV-1027) in the reuse header caused a pressure buildup in the plant vent header. This, in turn, caused the rupture discs on the two boric acid evaporators to relieve the high pressure condition, resulting in a release of radiogas.

The air supply to the subject regulator was cleaned and the regulator was exercised, demonstrating operability, prior to its return to service.

Two copies of this letter are enclosed as required.

Very truly yours,

*John E. Grier*

Copy to: Director of Nuclear Reactor Regulation (17 copies)  
c/o Distribution Services Branch, DDC, ADM  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Mr. George T. Berry  
General Manager and Chief Engineer  
Power Authority of the State of New York  
10 Columbus Circle  
New York, N. Y. 10019

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Consolidated Edison Company of New York, Inc.  
4 Irving Place, New York, N.Y. 10003  
Telephone (212) 460-2533

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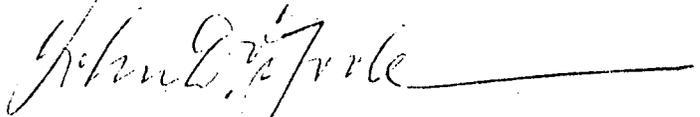
On December 19, 1977, during a routine power escalation following startup, the plant vent monitor indicated an unplanned release of radiogas to the atmosphere. The total activity released, calculated to be approximately 7.5 curies of noble gases, was well within the limits specified in the ETSR.

Subsequent investigation indicated that a malfunctioning regulator (plant designation PCV-1027) in the reuse header caused a pressure buildup in the plant vent header. This, in turn, caused the rupture discs on the two boric acid evaporators to relieve the high pressure condition, resulting in a release of radiogas.

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Power Authority of the State of New York  
10 Columbus Circle  
New York, N. Y. 10019

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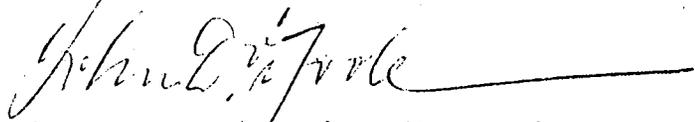
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Subsequent investigation indicated that a malfunctioning regulator (plant designation PCV-1027) in the reuse header caused a pressure buildup in the plant vent header. This, in turn, caused the rupture discs on the two boric acid evaporators to relieve the high pressure condition, resulting in a release of radiogas.

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