

Consolidated Edison Company of New York, Inc.  
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Telephone (212) 460-3819

June 20, 1980

Indian Point Units No. 1 & 2  
Dockets Nos. 50-3 & 50-247

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

Dear Mr. Grier:

Your letter dated May 6, 1980 enclosed IE Bulletin No. 80-10 which related to contamination of non-radioactive systems and the resulting potential for unmonitored, uncontrolled release of radioactivity to the environment. Our response to Item 1 and 2 in the bulletin is as follows:

Item 1

In the course of performing the review requested by IE Circular No. 77-14, only one area was found where there existed the potential for a non-radioactive system to become contaminated through the interconnection design. This potential was through the isolation valve seal water/city water interface. Although our investigation indicated that leakage of seal water would not result in activity exceeding MPC for potable water, double check valves were installed to prevent back leakage of seal water under all operational modes.

A re-review of systems that are considered as non-radioactive but could possibly become radioactive through interfaces with radioactive systems has been conducted. No additional system interconnections were identified where this potential exists.

Item 2

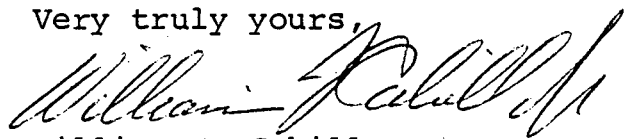
As noted above, no additional systems were identified where there exists the potential for contamination through interfaces with radioactive systems. It should be noted that our existing monitoring program is designed to detect contamination in the normally clean condensate return from the nuclear portion of the plant.

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Radiation monitors are installed in the condensate return lines for both Units No. 1 and No. 2. In addition, monthly samples from the Unit No. 1 condensate storage tanks and home service boiler blowdown are taken. Analysis of these samples permits the detection of very low levels of contamination and timely corrective actions. Finally, samples of the discharge canal effluent are taken weekly and a composite analyzed monthly for radioactivity.

Should you or your staff have any further questions, please contact us.

Very truly yours,



William J. Cahill, Jr.  
Vice President

cc: Office of Inspection and Enforcement  
Division of Reactor Operations Inspection  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

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