

Consolidated Edison Company of New York, Inc.  
4 Irving Place, New York, N Y 10003  
Telephone (212) 460-3819

October 15, 1976

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

Mr. James P. O'Reilly, Director  
Region 1, Office of Inspection and Enforcement  
U.S. Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, Pennsylvania

Dear Mr. O'Reilly

Your letter dated August 18, 1976 enclosed IE Circular 76-02 which described malfunctions of two Westinghouse Type BFD relays experienced at the Point Beach nuclear power plant. The Circular stated that the malfunctions experienced may be common to both BF (ac) and BFD (dc) relays and requested certain actions to be taken by Licensees with respect to all Westinghouse relays of these types in safety related systems. Our response to the actions requested by the Circular is as follows:

1. Drop-out time measurements were conducted on all normally energized BFD relays which provide reactor trip functions or safeguards initiation. All of the relays performed satisfactorily and dropped out in less than thirty (30) milliseconds when normal d.c. voltage was removed from the coil. Testing of these relays was completed on September 22, 1976.
2. The operability of normally de-energized relays in safety related systems is verified during the performance of the monthly Reactor Protection Logic Test required by the Technical Specifications. This operability is demonstrated by virtue of verification of

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Mr. James P. O'Reilly

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logic matrix coincidences when performing the test. The Safety Injection System Logic Test verifies the operability of normally energized relays also on a monthly basis.

Very truly yours



William J. Cahill, Jr.  
Vice President

cc: 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

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