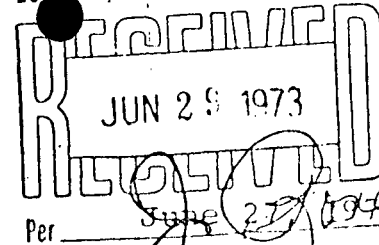


Consolidated Edison Company of New York, Inc.  
4 Irving Place, New York, N.Y. 10003  
Telephone (212) 460-3819

LeBeuf, Lamb, Leiby & MacRae



Re Consolidated Edison Company  
of New York, Inc.  
Indian Point Unit No. 2  
AEC Docket No. 50-247

Mr. Karl Kniel, Chief  
Pressurized Water Reactors  
Branch No. 2  
Directorate of Licensing  
U. S. Atomic Energy Commission  
Washington, D. C. 20545

Dear Mr. Kniel

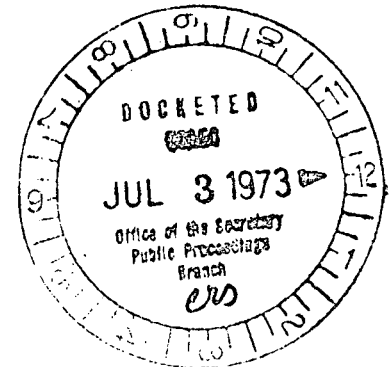
In response to your letter of March 30, 1973, we have completed a review of the control circuits of all safety-related equipment at Indian Point Unit No. 2.

The results of the review for Indian Point Unit No. 2 are as follows: No circuits were found to have interlocking which would render redundant safeguards components inoperable because another component had been disabled. Various modes of tests, operation, and failure were considered as being the reason for the disabling of any one component, in order to assure that the loss of this one component, regardless of the reason, would not leave the plant with less than minimum safeguards. Particular attention was paid to switchgear and motor starter auxiliary contacts that interlock in safeguards circuits for various control and sequencing functions. The operation of these auxiliary contacts in all breaker positions, including the test and racked-out position, was considered. In all cases, it was found that when a component was disabled, its auxiliary contacts were not interlocked in other circuits in such a way that the disabling of this component would render redundant safeguards circuits inoperable to the extent of preventing minimum safeguards action.

Within the context of the foregoing, control circuits considered important for plant safety were reviewed in the following areas:

#### Engineered Safety Features

1. Safety Injection System
2. Containment Spray System
3. Containment Air Recirculation, Cooling and Filtration System
4. Hydrogen Recombination System



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PDR

Mr. Karl Kniel  
Atomic Energy Commission

-2-

June 26, 1973

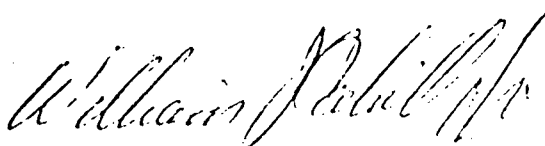
Re Consolidated Edison Company  
of New York, Inc.  
Indian Point Unit No. 2  
AEC Docket No. 50-247

Auxiliary and Emergency Systems

1. Chemical and Volume Control System
2. Component Cooling System
4. Residual Heat Removal System
4. Service Water System
5. Boric Acid Heat Tracing
6. Auxiliary Feedwater Systems
7. Diesel-Generators and Auxiliaries
8. Diesel-Generator Building Ventilation
9. Instrument Air System
10. Tunnel Ventilation

Consolidated Edison has a procedure which requires that whenever part of a redundant system is removed from service, the portion remaining in service is functionally tested immediately after the disabling of the affected portion and, if possible, before disabling of the affected portion. Such action shall be recorded in the Watch Foreman's log.

Very truly yours



William J. Cahill, Jr.  
Vice President

enc.  
md

Copy to James P. O'Reilly, Director  
Regulatory Operations  
Region 1  
U. S. Atomic Energy Commission  
970 Broad Street  
Newark, N. J. 07102