

Consolidated Edison Company of New York, Inc.  
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June 6, 1980

RE: Indian Point Units No. 1&2  
Docket Nos. 50-3 & 50-247

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

Dear Mr. Grier

This letter is being provided in response to your March 10, 1980 letter which forwarded IE Bulletin No. 80-05. This bulletin requested a review of the design of all low pressure tanks that can contain primary system water, with respect to the adequacy of the protection provided against vacuum conditions.

The required review has been completed and indicates that all tanks that could contain primary system water at Indian Point Unit No. 2 have adequate protection against potentially damaging vacuum conditions.

The potential for vacuum conditions was previously recognized for the three Chemical and Volume Control System (C.V.C.S.) Holdup Tanks. Procedures for operation of these tanks have been revised to include additional precautions to further limit the potential for damaging vacuum conditions. These precautions include the use of supplementary sources for nitrogen cover gas supply, limitations on the liquid flow from the tank and limitations concerning use of the tank recirculation pump. In addition, modification plans have been developed that will, (a) increase the size of the nitrogen cover gas piping and (b) trip off the tank recirculation pumps on low tank pressure. These modifications are presently scheduled for implementation during the next refueling outage expected to start late in 1980. Attachment A to this letter lists those systems reviewed and describes existing protection against vacuum conditions.

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Mr. Boyce H. ...rier  
Director

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With respect to Indian Point Unit No. 1, the unit was shutdown on October 31, 1974 and is presently in the defueled condition. It has been determined that the subject of this bulletin is not applicable to Indian Point Unit No. 1.

Very truly yours

A handwritten signature in cursive script, appearing to read "William F. ...". The signature is written in dark ink and is positioned below the typed phrase "Very truly yours".

Attachment A

<u>Tank Name</u>	<u>System</u>	<u>Vacuum Protection</u>
Chemical Drain	W.D.S.	Vented to Atmospheric Pressure
Sump	W.D.S.	" " " "
Concentrates Holding	C.V.C.S.	" " " "
Monitor	C.V.C.S.	" " " "
Waste Evap. Condensate	W.D.S.	" " " "
Waste Holdup	W.D.S.	" " " "
Pressurizer Relief	R.C.S.	Designed for 16 PSIG Ext. Press.
Accumulator	S.I.S.	" " 60 " " "
R.C.S. Drain	W.D.S.	" " 60 " " "
Volume Control	C.V.C.S.	" " 15 " " "
Holdup	C.V.C.S.	Nitrogen cover gas maintains internal pressure above atmos- pheric pressure.