

MAY 02 1973

Docket No. 50-286

Consolidated Edison Company
of New York, Inc.
ATTN: Mr. William J. Cahill, Jr.
Vice President
4 Irving Place
New York, New York 10003

Gentlemen:

As part of our continuing review of your application for an operating license for the Indian Point Nuclear Generating Unit No. 3, we have examined those design features used to prevent low pressure piping from being accidentally subjected to the high pressure of the primary coolant system. Our review indicated that certain design features of the residual heat removal system (RHR) require modifications.

Our requirements for the two motor operated valves in series that are used to isolate the suction line of the RHR system from the primary coolant system are as follows:

1. These valves shall have independent interlocks to prevent the valves from being opened unless the primary system pressure is below the subsystem design pressure. These interlocks shall meet the single failure criterion.
2. These valves shall also receive a signal to automatically close whenever the primary system pressure exceeds the subsystem design pressure. The automatic closure of these valves under these conditions shall also meet the single failure criterion.

It will be necessary that you amend your FSAR to clearly state your position regarding compliance with these requirements and your schedule for completion of the modifications. We are prepared to meet with you to discuss our positions if you believe further discussion is necessary. If such a meeting is needed, we request that your position on each of these matters and your specific questions regarding our requirements be provided to us prior to such a meeting.

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Our review schedule is based on the assumption that this additional information will be available for our review by May 22, 1973. If you cannot meet this date, please inform us within seven (7) days after receipt of this letter so that we may revise our schedules.

Sincerely,

Original signed by R. C. DeYoung

R. C. DeYoung, Assistant Director
for Pressurized Water Reactors
Directorate of Licensing

cc: LeBoeuf, Lamb, Leiby,
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