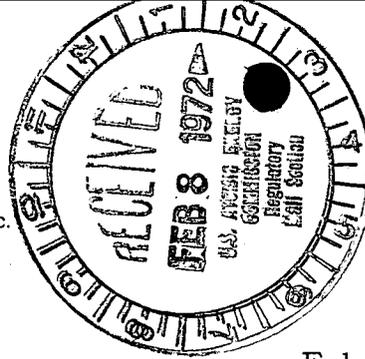


William J. Cahill, Jr.
Vice President

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



Regulatory

File Cr.

February 2, 1972

Re Docket No. 50-247

Mr. R. C. DeYoung
Assistant Director for PWR
Division of Reactor Licensing
U. S. Atomic Energy Commission
Washington, D. C. 20545



Dear Mr. DeYoung:

Your letter of January 7, 1972 asked us to provide you with our plans for conducting transient tests involving loss of reactor coolant flow; i. e., loss of power to reactor coolant pumps.

The tests already planned for Indian Point Unit #2 provide verification of the loss of coolant flow analysis presented in the Final Safety Analysis Report and demonstrate that the plant equipment, as installed, will safely withstand the consequences of loss of coolant flow. We, therefore, believe that the additional tests are unnecessary. However, in response to your requirement, we will conduct at-power loss of flow tests.

We propose simultaneous trip of two of the four reactor coolant pumps near 50% of licensed power (35 - 50%), and trip of one reactor coolant pump near full power (90 - 100%). Test procedures will be developed for this test directed toward the objective of observing system behavior during the pump coast-down. Accordingly, pertinent nuclear steam supply system parameters such as reactor coolant flows, temperatures, and pressure will be recorded and the results reviewed. These tests may be conducted concurrently with other at-power transient tests such as the turbine-generator overspeed tests. In this event, the reactor coolant pumps would be manually tripped immediately following initiation of an automatic reactor trip signal.

Very truly yours,

William J. Cahill, Jr.
Vice President

wjc/cm

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PDR ADOCK 05000247
P PDR

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LB

FROM: Consolidated Edison Company of N.Y.
 New York, N.Y. 10003
 William J. Cahill, Jr.

DATE OF DOCUMENT Feb. 9, 1972	DATE RECEIVED Feb 8, 1972	NO. 502
LETTER: <input checked="" type="checkbox"/>	MEMO: <input type="checkbox"/>	OTHER: <input type="checkbox"/>

TO: **Mr. R.C. DeYoung**

ORIG: <input checked="" type="checkbox"/>	CC: <input type="checkbox"/>	OTHER: <input type="checkbox"/>
1	ACTION NECESSARY <input type="checkbox"/>	CONCURRENCE <input type="checkbox"/>
NO ACTION NECESSARY <input type="checkbox"/>	COMMENT <input type="checkbox"/>	DATE ANSWERED: <input type="checkbox"/>

CLASSIF: **U** POST OFFICE REG. NO:

FILE CODE: **50-247**

DESCRIPTION: (Must Be Unclassified)
Ltr re our 1-7-72 ltr...providing addl info on plans for conducting transient involving loss of coolant flow & loss of power to coolant pumps....

REFERRED TO	DATE	RECEIVED BY	DATE
tests Muller w/9 cys for ACTION	2-9-72		

ENCLOSURES:

DISTRIBUTION:

- Reg File Cy
- AEC PDR
- OGG-Rm-P-506-A Compliance (2)
- D. Thompson
- Morris/Schroeder
- Skovholt
- DeYoung

REMARKS:
1 CY LOCAL PDR MONTROSE, N.Y.

E.G. Case	DO NOT REMOVE ACKNOWLEDGED
DTIC (Laughlin)	
NSIC (Buchanan)	