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

April 14, 1980

Re: Indian Point Unit No. 2
Docket No. 50-247

Director of Nuclear Reactor Regulation
ATTN: Mr. A. Schwencer, Chief
Operating Reactors Branch No. 1
Division of Operating Reactors
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Schwencer:

In accordance with the requirements of the Commission's Indian Point Unit No. 2 Fire Protection Safety Evaluation Report (SER), dated January 31, 1979, attached to this letter are the design details on the following items:

a) Control Building - Turbine Building Fire Wall Details (SER Item 3.1.25.7)

b) Fire Detectors for the Reactor Coolant Pumps (SER Item 3.1.15)

The design details for the Reactor Coolant Pumps Oil Collection System (SER Item 3.1.13) will be provided by June 2, 1980 as outlined in our letter of March 7, 1980.

The Electrical Cable Tunnel Spray Baffles and the Diesel Generator Oil Spray Shields (SER Items 3.1.5 and 3.1.16), were installed during the unit's recently completed turbine inspection outage.

Should you or your staff have any additional questions, please contact us.

Very truly yours,

William J. Cahill, Jr.
Vice President

Attachment

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S1/1

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ATTACHMENT

I. Control Building - Turbine Building Fire Wall Details (SER Item 3.1.25.7):

(a) Design

The Control Building's south, west and east wall fire protection design details are shown on the enclosed Con Edison and UE&C drawings listed below:

Con Edison	UE&C
A214523	9321-F-1380
A214524	9321-F-1377
A214549	9321-F-1236
138564	9321-F-3107

The changes to the Control Building consist of removing existing metal panels and blocking up the openings with masonry construction. Exposed structural steel will be protected using an approved spray-on fire proofing and all cable tray penetrations will be upgraded to an approved three hour fire barrier design. All doors between the Control Building and the Turbine Building will be replaced with doors having three-hour ratings.

II. Fire Detectors for the Reactor Coolant Pumps (SER Item 3.1.15):

(a) Design

Three ionization type smoke detectors will be positioned above each Reactor Coolant Pump as shown on the enclosed Con Edison drawing A208403. The detectors will be located at elevation 93'-0" which is above the highest elevation of the pumps.

III. Reactor Coolant Pumps Oil Collection System (SER Item 3.1.13):

(a) Design

Presently, several vendors have submitted to Con Edison proposals for a collection system design. The proposals are being evaluated and we presently anticipate that the selected vendor's design drawings should be available for NRC review by June 2, 1980.