C. A. Lovejoy
Office of the Controller

June 23, 1966

S. D. Chittenden, Chief
Engineering Branch

FACILITY LICENSE APPLICATION FILED BY CONSOLIDATED EDISON COMPANY OF NEW YORK, INC., INDIAN POINT #2 REACTOR, DOCKET NO. 50-247

CONSE:GHC

Reference is made to memorandum, Boyd to Chittenden, subject as above, dated June 21, 1966, and to Exhibit A-1, Supplementary Financial and Managerial Information. This plant, utilizing a pressurized light water reactor for heat source and having a net electric generating capacity of approximately 873 MW, is estimated by the applicant to cost:

Site preparation and Land	$1,908,000
Plant	96,000,000
Related Costs - including overhead, applicants engineering expenses, interest and taxes during construction, maximum escalation, training of personnel and contingencies	10,100,000
Total	$108,008,000

The installed construction cost per kilowatt is thus about $125. While this unit cost is slightly higher than recently proposed plants, the New York City area has the highest construction cost index in the continental United States, applicable to all "on site" construction operations.

We note that condenser cooling will be accomplished by direct exchange with Hudson River water. We are not familiar with applicable regulations (local, State, or Federal) pertaining to thermal pollution control. Should cooling tower facilities be required, the capital cost of this system would increase the total plant cost by about $3 to $5 per kilowatt.

We find the applicant's estimated construction cost to be reasonable.

cc: R.S.Boyd, DRL, w/attachments

8111230193 660623
ADOCK 05000247

MEMO ROUTE SLIP

Form AEC-93 (Rev. May 14, 1947)

See me about this.	For concurrence.	For action.
Note and return.	For signature.	For information.

TO (Name and unit)	INITIALS / DATE	REMARKS
Hazel Smith OG, Beth		

TO (Name and unit)	INITIALS / DATE	REMARKS

TO (Name and unit)	INITIALS / DATE	REMARKS
		DO NOT REMOVE

FROM (Name and unit)	REMARKS

PHONE NO.	DATE

USE OTHER SIDE FOR ADDITIONAL REMARKS

U. S. GOVERNMENT PRINTING OFFICE : 1957—O-422007