UNITED STATES OF AMERICA ATOMIC ENERGY COMMISSION

In the Matter of

Consolidated Edison Company of New York, Inc. (Indian Point Station, Unit No. 3 Docket No. 50-286

AMENDMENT NO. 10 TO AMENDED AND SUBSTITUTED APPLICATION FOR LICENSES

Consolidated Edison Company of New York, Inc., Applicant in the above-captioned proceeding, hereby files Amendment No. 10 to its Amended and Substituted Application for Licenses for the purpose of transmitting Supplement No. 26 to its Final Facility Description and Safety Analysis Report. This supplement contains miscellaneous corrected pages for the report including revisions to the Proposed Radiological. Technical Specifications for the Facility.

> CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

By William J. Cahill, Jr.

Vice President

Subscribed and sworn to before me this 2/4 day of May, 1974.

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Notary Public ANTONIO MONTEAVARO Notary Public State of New York No. 03-9830696 Qualified in Bronx County Term Expires March 30, 1975 8111120603_740529

PDR

PDR ADOCK 05000286



UNITED STATES OF AMERICA

ATOMIC ENERGY COMMISSION

In the Matter of

CONSOLIDATED EDISON COMPANY) Docket No. 50-286 OF NEW YORK, INC.) (Indian Point Station,) Unit No. 3))

CERTIFICATE OF SERVICE

I hereby certify that I have this 29th day of May, 1974, served copies of Amendment No. 10 to the Amended and Substituted Application for Licenses and of Supplement No. 26 to the Final Facility Description and Safety Analysis Report in the above-captioned proceeding by mailing them first class, postage prepaid, and properly addressed to the following persons:

Samuel W. Jensch, Esq. Chief Administrative Law Judge U.S. Atomic Energy Commission Washington, D.C. 20545

Dr. Franklin C. Daiber College of Marine Studies University of Delaware Newark, Delaware 19711 Max D. Paglin, Esq. Atomic Safety and Licensing Board Panel U.S. Atomic Energy Commission Washington, D.C. 20545

Mr. R. B. Briggs, Director Molten-Salt Reactor Program Oak Ridge National Laboratory Post Office Box Y Oak Ridge, Tennessee 37830 Mr. Ernest E. Hill Lawrence Livermore Laboratories University of California Post Office Box 808-L-123 Livermore, California 94550

- 2 -

Myron Karman, Esq. Counsel for AEC Regulatory Staff U.S. Atomic Energy Commission Washington, D.C. 20545

J. Bruce MacDonald, Esq. Deputy Commissioner and Counsel New York State Department of Commerce 99 Washington Avenue Albany, New York 12210

Hon. George Segnit Mayor, Village of Buchanan Buchanan, New York 10511

Atomic Safety and Licensing Board Panel U.S. Atomic Energy Commission Washington, D.C. 20545 Nicholas A. Robinson, Esg. Marshall, Bratter, Greene,

Allison & Tucker 430 Park Avenue New York, New York 10022

Angus Macbeth, Esq. Natural Resources Defense Council, Inc. 15 West 44th Street New York, New York 10036 Hon. Louis J. Lefkowitz Attorney General of the State of New York Philip Weinberg, Esq. Attn: Room 4776 Two World Trade Center New York, New York 10047

Eugene R. Fidel1-

LeBoeuf, Lamb, Leiby & MacRae Attorneys for Applicant

INDIAN POINT NO. 3 SUPPLEMENT 26 INSTRUCTION SHEET

Supplement 26 to the Indian Point Unit No. 3 Final Safety Analysis Report consists of corrections and additional information for the report in the form of page changes and additions. The new and revised pages should be added to the report as listed below. This instruction sheet should be inserted in Volume 1 of the report immediately preceding Chapter 1.

TEXT

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4-i/4-ii ---/---4A-5/4A-6 5.1.4-3/5.1.4-4 6.2-5/6.2-6 6.2-11/6.2-12 6.2-19/6.2-20 Table 6.2-6/Table 6.2-7(a)

Table 6.2-7(a) Sh. 2/ Table 6.2-7(a) Sh. 3 Table 6.2-8/Table 6.2-8 cont.

6.4-23/6.4-24 6.4-27/6.4-28 Figure 6.4-2/1-7.2-15/7.2-16 7.5-1/7.5-2 Table 8.2-3 (Sh. 1 of 4)/ Table 8.2-3 (Sh. 2 of 4) Tablr 8.2-3 (Sh. 3 of 4)/ Table 8.2.3 (Sh. 4 of 4) Figure 8.2-2/---

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INSTRUCTION SHEET

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TECH. SPECS.

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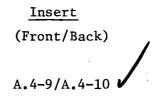
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INSTRUCTION SHEET (Continued)

APPENDIX A

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AEC QUESTIONS

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Q7.16-3/ Q9.14.1-4/ Q9.14.6-3/ Q11.7-1 Q11.7-2/

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

May 1, 1974

Indian Point Units 1, AEC Dockets 50-3, 50-2

50-286

Re

Mr. John F. O'Leary, Director Directorate of Licensing U. S. Atomic Energy Commission Washington, D. C. 20545

Dear Mr. O'Leary

Enclosed is the Physical Security Plan for Indian Point Station which incorporates suggestions and guidelines set forth in Regulatory Guide 1.17, "Protection of Nuclear Power Plants Against Industrial Sabotage" and ANSI N18.17, "Industrial Security for Nuclear Power Plants". Provisions of this plan not yet in effect will be implemented at Indian Point Station by June 15, 1974 with the exception of the tamperindicating system described in Section 3.4 for door and gate locks. Prior to the implementation of this system, the provisions set forth in the Appendix to this plan will be followed. We will advice the Staff by the end of May 1974 as to when this system will be implemented.

The electronic surveillance system (Section 3.3) will be installed and operating by May 22, 1974, i.e., within one year from initial criticality, as required by the Regulatory Staff and Licensing Board. Supplemental Staff Testimony follows Tr. 6, December 14, 1971, in camera: <u>Consolidated</u> <u>Edison Company</u> (Indian Point Station Unit No. 2) Initial Decision, TID-26300 at 43, 53 (July 14, 1972).

During construction at Unit No. 3, interim security measures are provided. These interim provisions are set forth where appropriate within the plan.

In accordance with Section 2.790(d) of the Commission's Rules of Practice, we understand that this letter and the enclosed Physical Security Plan will be withheld from public disclosure.

RECENT MAY 2 1974

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Very truly yours

Williand

William J. Cahill, Jr. Vice President

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LAW OFFICES OF

LEBOEUF, LAMB, LEIBY & MACRAE

1757 N STREET, N.W. WASHINGTON, D. C. 20036

ARVIN E. UPTON EUGENE B. THOMAS, JR. LEONARD M. TROSTEN HARRY H. VOIGT LEX K. LARSON WASHINGTON PARTNERS

38

May 7, 1974

ONE CHASE MANHATTAN PLAZA NEW YORK, N. Y. 10005

> WASHINGTON TELEPHONE 202-872-8668

CABLE ADDRESS

Mr. John F. O'Leary Director Directorate of Licensing U.S. Atomic Energy Commission Washington, D.C. 20545

Re:

Consolidated Edison Company of New York, Inc. Indian Point Units 1, 2 and 3 AEC Docket Nos. 50-3, 50-247 and 50-286

Dear Mr. O'Learv:

At the request of the Regulatory Staff there are enclosed two additional copies of the Indian Point Station Physical Security Plan which was transmitted by letter from Mr. Cahill dated May 1, 1974. In accordance with Section 2.790(d) of the Commission's Rules of Practice, we understand that the enclosed copies will be withheld from public disclosure.

Very truly yours,

LEBOEUF, LAMB, LEIBY & MACRAE Attorneys for Consolidated Edison Company of New York, Inc.



Mation 4 Irving Place, New York, N.Y. 10003 Telephone: 460-4111/Night Telephone: 460-6981



50-3/247/286 April 23, 197

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Consolidated Edison Company of New York, Inc. announced today (Tuesday, April 23, 1974) its financial results for the first three months of 1974 and at the same time stated that it was omitting the second quarter dividend on its common stock because of a severe cash shortage and a persistent decline in sales. In recent years a second quarter dividend of 45¢ a common share had been paid on June 15 of each year.

The Company explained that suspension of the dividend was necessary to protect its cash resources which have been adversely affected by the widening impact of sharply increased fuel costs, increases in accounts receivable from customers and reductions in revenues as a consequence of energy conservation. In the five months ended March 31, 1974 these increases have totalled about \$230.1 million, consisting of \$47.5 million for increased fuel inventory, \$106.8 million for increases in deferred fuel costs (the cost of fuel already burned but not yet billed to

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customers) and \$75.8 million for increases in accounts receivable.

Because of the very low sulfur content of the fuel which it is required to burn under Federal, State and City laws, the bulk of the Company's oil must be obtained from foreign countries, including Arabic countries, which have increased prices drastically in recent months.

The Company also noted that it was deferring plans to market additional shares of common stock at this time.

The Company said that, in an effort to alleviate its cash shortage, it has proposed that the Power Authority of the State of New York purchase two electric generating plants now under construction. The proposal, which is being seriously considered by the appropriate governmental officials, would require the adoption of new legislation.

The Company stated that its present investment in the two plants - Indian Point No. 3 and Astoria No. 6 - amounts to approximately \$450 million and that approximately an additional \$240 million would be needed to complete them. Indian Point No. 3 is expected to be completed in 1975. Astoria No. 6, formerly planned for completion in 1975, has been deferred until 1976 as a result of the Company's recently announced cut-back in its construction program. Under the Company's proposal, the electrical output of the two units, after their

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transfer to the Power Authority, would be available to meet the electric needs of public agencies in New York City and Westchester County, and for distribution by the Company to other customers.

The Company recently received a temporary electric rate increase of approximately \$174.7 million which is approximately \$100 million less than requested. It has applied for reconsideration of that ruling. Its permanent electric rate request would result in an increase in the Company's revenues of \$315 million above the level prevailing prior to the approximately \$100 million revenue decline resulting from conservation.

(Earnings Statement Attached)

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Earnings for Three Months and Twelve Months Ending March 31, 1974

The Company reported net income for common stock for the first quarter of 1974 of \$29,553,623, or \$.48 a share, after giving effect to the current year's portion of a change in accounting for steam fuel costs which was approved by the New York Public Service Commission on April 10, 1974. Before giving effect to this accounting change, first quarter earnings were \$.30 per share. Earnings for the first quarter of 1973, as restated to give effect to an accounting change previously adopted for electric fuel costs, were \$44,213,605, or \$.80 a share on fewer shares outstanding.

The Company also reported earnings for the twelve months ended March 31, 1974 of \$122,604,811, or \$2.04 a share after giving effect to the current fuel year's portion of the steam/accounting change. Earnings for the twelve months ended March 31, 1973, as restated for the accounting change with respect to electric fuel costs from its effective date, January 1, 1973, ware \$116,731,467, ** or \$2.18 a share. Both twelve month periods exclude additional earnings attributable to prior years resulting from changes in accounting for fuel costs.

The change in accounting for steam fuel costs parallels the accounting change previously adopted for 1973 for electric fuel costs. Each of the accounting changes involves the deferral of the portion of fuel costs which are recoverable from customers to the subsequent periods when fuel adjustment billings related to such costs are rendered. The amount of steam fuel costs deferred from the first quarter of 1974 was \$20,698,520, of which \$10,857,876, or \$.18 a share, is included in the current earnings of \$.48 a share for the first quarter and in the earnings of \$2.04 a share for the twelve months ended March 31, 1974. The balance of \$9,840,644 has been treated as applicable to prior years. Operating revenues for the three months ended March 31, 1974 increased by \$128.1 million over the corresponding 1973 period, principally attributable to increased fuel rider billings of \$117.1 million, reflecting the escalating prices of oil. Rate increases were largely offset by reductions in sales resulting from energy conservation. For the three months, electric sales decreased 679 million kilowatthours, or 8.1 percent from the corresponding period in 1973; gas sales decreased 1,166 million cubic feet, or 4.2 percent; and steam sales decreased 1,512 million pounds, or 11.7 percent. Adjusted to reflect the growth that would have been anticipated in the absence of energy conservation and normalized for the effect of weather, electric sendout for the three months ended March 31, 1974 decreased 9.9 percent; gas sendout 5.9 percent; and steam sendout 12.3 percent.

Pro Forma Earnings

Applying the electric and steam change retroactively would not affect earnings per share for the three months ended March 31, 1973 which remain \$.80 per share. Such pro forma application for the twelve months ended March 31, 1974 and the twelve months ended March 31, 1973 would, however, increase earnings for these periods to \$2.13 per share and \$2.40 per share respectively.

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

INCOME STATEMENT

FOR THE THREE MONTHS ENDED MARCH 31, 1974 AND 1973

		<u>1974</u>		<u>1973</u> *
Operating revenues: Sales of electricity Sales of gas Sales of steam Other operating revenues	\$	449,526,390 55,433,204 47,017,970 1,312,902	\$	339,197,318 51,438,921 33,157,826 1,353,782
Operating revenue deductions: Fuel and purchased power Other operations Maintenance Depreciation Taxes, other than Federal income Federal income tax Federal income tax deferred		553,290,466 221,057,783 85,685,689 37,610,389 34,754,869 100,663,421 		425,147,847 116,241,060 75,061,285 34,105,982 29,094,392 88,955,931 - 2,034,000
Operating income Allowance for funds used during construction Other income Total		479,208,151 74,082,315 12,106,813 36,245 86,225,373		345,492,650 79,655,197 12,044,190 722,503 92,421,890
Interest charges and income deductions: Interest on long-term debt and other interest Miscellancous deductions		45, 322, 992 275, 033 45, 598, 025		36,920,967 211,768 37,132,735
Income before cumulative effect on prior years of a change in accounting for Steam fuel costs Cumulative effect on prior years (to December 31, 1973) of a change in accounting for Steam fuel costs		40,627,348 9,840,644		55,289,155 -
Net income Preferred stock dividend requirements		50,467,992 11,073,725		55,289,155 11,075,550
Net income for common stock	Ş	39,394,267	\$	44,213,605
Common shares outstanding - weighted average Earnings per share on average number of shares		61,548,025		55,043,851
Before cumulative effect on prior years of a change in accounting for Steam fuel costs Change in accounting for Steam fuel costs-prior years	S	\$.48 		\$.80
Net income	•	<u>\$.64</u>		\$.80
Pro forma amounts,assuming effect of change in accounting for steam fuel cost is applied retroactively Net income for common stock Earnings per share Sales of electricity - Kwhrs Sales of gas - Cubic feet Sales of steam - Pounds		29,553,623 \$.48 7,719,708,967 6,528,346,300 1,432,598,000	2	44,217,609 \$.80 3,398,484,459 7,694,225,800 2,944,463,000

* Restated for change in accounting for

199 Mericand December 1973 Contractions adopted in November and December 1973 Contractions of the

OLIDATED EDISON COMPANY OF NEW

INCOME STATEMENT

FOR THE TWELVE MONTHS ENDED MARCH 31, 1974 AND 1973

INC.

	<u>1974</u>	<u>1973</u> *
Operating revenues: Sales of electricity	6 1 EO2 (01 00E	A 1 300 000 700
Sales of gas	\$ 1,593,691,085	\$ 1,298,822,700
Sales of steam	156,710,698	145,385,594
Other operating revenues	109,590,709	86,277,637
	4,389,256	5,206,080
• • • • • • • • • • • • • • • • • • •	<u>1,864,381,748</u>	1,535,692,011
Operating revenue deductions:		
Fuel and purchased power	582,678,973	414,417,672
Other operations	342,391,136	292,430,716
Maintenance	165,099,163	140,104,438
Depreciation	129,702,089	113,922,925
Taxes, other than federal income	372,110,884	330,149,898
Federal income tax	(744,000)	(1,091,000)
Federal income tax deferred	(6,241,000)	(3,298,000)
	1,584,997,245	1,286,636,649
Operating income	279,384,503	249,055,362
Allowance for funds used during construction	47,832,398	46,203,185
Other income	4,681,056	4,133,326
Total	331,897,957	299,391,873
Interest charges and income deductions:		
Interest on long-term debt and other interest	163,535,087	139,999,748
Miscellaneous deductions	1,461,669	1,437,163
	164,996,756	
Income before cumulative effect on prior years	104,990,750	141,436,911
of changes in accounting for fuel costs	166,901,201	157,954,962
Cumulative effect on prior years of changes in	200,701,201	137,754,702
accounting for fuel costs:		
Steam - to December 31, 1973	9,840,644	-
Electric - to December 31, 1972	-	26,143,746
Net income	176,741,845	184,098,708
Preferred stock dividend requirements	44,296,390	41,223,495
Net income for common stock	\$ 132,445,455	\$ 142,875,213
	Y 152,445,455	v 142,075,215
Common shares outstanding - weighted average	60,062,965	53,632,632
Earnings per share on average number of shares		
Before cumulative effect on prior years		
of changes in accounting for fuel costs	\$ 2.04	\$ 2.18
Changes in accounting for fuel costs - prior years:	• • • • • • •	4 4
Steam	.17	· -
Electric	-	.48
Net income	\$ 2.21	\$ 2.66
Pro forma amounts, assuming effect of changes in		<u> </u>
accounting for fuel costs are applied retroactively		
Net income for common stock	\$ 128,005,052	\$ 128,747,514
Earnings per share	\$2.13	\$ 120,747,514 \$2 . 40
	-	
Sales of electricity - Kwhrs	34,053,860,608	33,464,253,322
Sales of gas - Cubic feet	71,722,480,400	74,647,536,700
Sales of steam - Pounds	37,348,697,000	39,092,134,000

* Restated for changes in accounting for * Restated for changes in accounting for Electric Fuel Costs, adopted, in November and December 1973