

NYSE&G 1 & 2
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| T. K. DeBoer, Director Technological Development Program State of New York Energy Office Agency Building #2 Empire State Plaza Albany, New York 12223 | (1) | (1) |
| Ms. Barbara Metzger U. S. Environmental Protection Agency Region 2 Office 26 Federal Plaza New York, New York 10007 | (1) | |
| Director of Nuclear Reactor Regulation Nuclear Regulatory Commission 1717 H Street, N. W. Washington, D. C. | (15) | (15) |
| Huber Magill Lawrence & Farrell 99 Park Avenue New York, New York 10016 | (2) | (2) |
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| | ATTENTION: Ivan Vanos Deputy Commissioner | |
| 8. | Charles A. Zielinski Chairman, NYS Public Service Commission Empire State Plaza Agency Building Three Albany, New York 12223 | 2 |
| | ATTENTION: Samuel Madison, Secretary (19th Floor) | |

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| 9. | Samuel Madison, Secretary NYS Public Service Commission Empire State Plaza Agency Building Three 19th Floor Albany, New York 12223 | 20 |
| 10. | Henry G. Williams Director of State Planning New York State Department of State 162 Washington Avenue Albany, New York 12231 | 2 |
| 11. | Honorable Samuel J. Abate Executive Director Hudson River Valley Commission Empire State Plaza Agency Building One Albany, New York 12238 | 2 |
| 12. | Mr. William Tyson Executive Director St. Lawrence-Eastern Ontario Commission 317 Washington Street Watertown, New York 13601 | 2 |
| 13. | Peter A. A. Berle, Commissioner NYS Department of Environmental Conservation 50 Wolf Road Albany, New York 12233 | 2 |
| 14. | Robert P. Whalen, M.D. Commissioner New York State Health Department Tower Building 14th Floor Empire State Plaza Albany, New York 12237 | 2 |
| | ATTENTION: Dr. Roger Herdman Director of Office of Public Health | |
| 15. | John S. Dyson Commissioner New York State Department of Commerce 99 Washington Avenue Albany, New York 12245 | 2 |

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16. Honorable L. J. Lefkowitz 2
Attorney General of the State of New York
State Capitol
Albany, New York 12224

ATTENTION: Mr. John Proudfit, Assistant Attorney General
Environmental Protection Bureau
Department of Law
2 World Trade Center, Room 47-72
New York, New York 10047
17. Jeffrey Cohen 2
Deputy Commissioner, NYS Energy Office
Agency Building Two
Empire State Plaza
Albany, New York 12223
18. Robert Fickies 2
Energy/Environmental Geology
NYS Geological Survey
Education Building Annex
Albany, New York 12234
19. State of New York 1
Public Service Commission
Files Unit
Empire State Plaza
Agency Building Three
Albany, New York 12223

ATTENTION: Mrs. Douglas
(14th Floor)
20. Calvin A. Sheldon (Deliver to Site Office) 2
Chairman for Columbia County 5 Chatham St.
Board of Supervisors Kinderhook, NY 12106
Hillsdale, New York 12529
21. Herbert Van Schaack 2
Chairman, Oswego County Legislature
46 East Bridge Street
Oswego, New York 13126
22. Regional Administrator 1
U. S. Environmental Protection Agency
Region II
26 Federal Plaza
New York, New York 10007

No. of Copies

23. Director of Nuclear Reactor Regulation
Nuclear Regulatory Commission
1717 H Street N.W.
Washington, D. C. 20555

20

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of)
)
NEW YORK STATE ELECTRIC & GAS CORP.)
LONG ISLAND LIGHTING COMPANY)
)
(NYSE&G 1 & 2))

LICENSE APPLICATION

Pursuant to the Atomic Energy Act of 1954 as amended and its implementing regulations, New York State Electric & Gas Corporation (NYSE&G) and Long Island Lighting Company (LILCO) hereby apply to the United States Nuclear Regulatory Commission for all licenses necessary for the construction and operation of two 1250 MWe utilization facilities. These facilities, NYSE&G 1 and 2, are to be located on the New Haven site in Oswego County, New York. In support of this Application, New York State Electric & Gas Corporation and Long Island Lighting Company state as follows:

1. The Applicants' names and addresses are, (a) New York State Electric & Gas Corporation, 4500 Vestal Parkway East, Binghamton, New York, 13902 and (b) Long Island Lighting Company, 250 Old Country Road, Mineola, New York, 11501.

2. NYSE&G is a public utility corporation, duly organized and existing under and by virtue of the Transportation Corporations Law of the State of New York. It is engaged in generating electricity in Pennsylvania and New York, and in distributing electricity and gas in an upstate New York area which includes all or part of 43 counties

covering approximately 35% of the land of the State. LILCO is a public utility corporation, duly organized and existing under and by virtue of the Transportation Corporations Law of the State of New York, and is engaged in the generation and distribution of electricity and gas in Nassau and Suffolk Counties and in parts of Queens County in the State of New York.

3. The names and addresses of NYSE&G's directors and principal officers, all of whom are citizens of the United States, are stated in Exhibit A to this Application. Similarly, the names and addresses of LILCO's directors and principal officers, all citizens of this country, are stated in Exhibit B.

4. New York State Electric & Gas Corporation files this Application on its own behalf and as the agent of Long Island Lighting Company. See paragraph 17 below. The New Haven site and the two nuclear generating units to be located there will be co-owned by NYSE&G and LILCO as tenants in common, on a percentage basis. Each owner's share of the capital costs and operating expenses of NYSE&G 1 and 2, and each owner's corresponding share of the Station's capacity and energy output, shall be as follows:

| | |
|--|-----|
| New York State Electric & Gas Corporation | 50% |
| Long Island Lighting Company | 50% |

5. Neither NYSE&G nor LILCO is owned, controlled, or dominated by an alien, a foreign government, or a foreign corporation.

6. This Application is for Class 103 licenses for NYSE&G 1 and 2, including construction permits and such source, by-product and special nuclear material licenses as may be necessary for these facilities' construction and operation. The Class 103 licenses are sought for a period of forty years in order to generate electric energy.

7. Public liability insurance for the amounts and in the form required by 10 CFR Part 140 will be arranged through a nuclear underwriter by NYSE&G on its own behalf and as agent for LILCO.

8. Total plant capital costs for NYSE&G 1 and 2 are presently estimated to be \$3,336,627,000 dollars; associated transmission costs for NYSE&G 1 and 2 are projected to be 194,846,000 dollars, and nuclear fuel inventory costs for the first cores in both units are estimated at 272,234,000 dollars. These costs are distributed between Units 1 and 2 as follows:

| | <u>Unit 1</u> | <u>Unit 2</u> | <u>Total</u> |
|--|-----------------|-----------------|--------------------|
| Total Plant Capital Cost | \$1,953,639,000 | \$1,382,988,000 | \$3,336,627,000 |
| Associated Costs (both units) | ----- | ----- | 194,846,000 |
| Nuclear Fuel Inventory Cost (First Core) | 135,912,000 | 136,322,000 | <u>272,234,000</u> |
| Total Estimated Cost | | | \$3,803,707,000 |

The construction cost of NYSE&G 1 and 2 in 1978 dollars, exclusive of interest during construction and escalation, is \$1,529,389,000.00.

NYSE&G and LILCO intend to finance the costs of NYSE&G 1 and 2 in the ordinary course of their respective businesses. It is anticipated that the necessary funds will be provided from internal sources, principally depreciation accruals and retained earnings, from the sale of common and preferred stock, and from the sale of debt obligations.

NYSE&G and LILCO are financially qualified to engage in the proposed activity as shown by the latest Annual Report and Prospectus for each: Exhibits C and D NYSE&G, and Exhibits E and F LILCO.

9. The earliest date for completion of NYSE&G Unit 1 is May 1990, and the latest May 1994. The earliest date for completion of NYSE&G Unit 2 is May 1992, and the latest May 1996.

10. The names and addresses of regulatory agencies with jurisdiction over the rates and services incident to the proposed activity are:

New York State Public Service Commission
Empire State Plaza
Albany, New York 12223

Federal Energy Regulatory Commission
825 North Capitol Street, NE
Washington, D. C. 20426

11. A list follows of trade and news publications which circulate in the area where the proposed activity will be conducted and which are appropriate to give reasonable notice of the Application to those municipalities, private utilities, public bodies and cooperatives which might have a potential interest in the facilities:

Ithaca Journal
Ithaca, New York 14850

Evening Press
Vestal Parkway East
Binghamton, New York 13902

Oswego Paladium Times
140 West 1st Street
Oswego, New York 13126

Newsday
500 Stewart Avenue
Garden City, New York 11530

12. Pursuant to 10 CFR 50.37, NYSE&G and LILCO agree that neither will permit any individual to have access to Restricted Data until the Civil Service Commission shall have made an investigation and report to the Nuclear Regulatory Commission on the character, associations, and loyalty of such individual, and the Commission shall have determined that permitting such person to have access to Restricted Data will not endanger the common defense and security.

13. The antitrust data required by 10 CFR 50.33a was filed on January 11, 1978.

14. The environmental data required by 10 CFR 50.30(f) will be submitted simultaneously with this application.

15. The public health and safety data required by 10 CFR 50.34 will be submitted simultaneously with this application.

16. Communications with respect to this Application should be sent to:

Allen E. Kintigh, Vice President - Generation
New York State Electric & Gas Corporation
4500 Vestal Parkway East
Binghamton, New York 13902

Roderick Schutt, Esq.
Huber Magill Lawrence & Farrell
99 Park Avenue
New York, New York 10016

Andrew W. Wofford, Vice President
Long Island Lighting Company
175 East Old Country Road
Hicksville, New York 11801

Edward M. Barrett, Esq.
General Counsel
Long Island Lighting Company
250 Old Country Road
Mineola, New York 11501

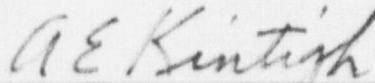
E. J. Walsh, Jr., Esq.
General Attorney
Long Island Lighting Company
250 Old Country Road
Mineola, New York 11501

17. NYSE&G, acting on its own behalf and as the agent of LIILCO, retains full responsibility for the design, construction and operation of NYSE&G 1 and 2 as well as for its licensing.

Respectfully submitted,

NEW YORK STATE ELECTRIC & GAS
CORPORATION

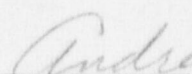
By



ALLEN E. KINTIGH
VICE-PRESIDENT

LONG ISLAND LIGHTING COMPANY

By



ANDREW V. FORD
VICE-PRESIDENT

Dated: November 9, 1978

STATE OF NEW YORK)
;
COUNTY OF BROOME)

SS.:

ALLEN E. KINTIGH, being duly sworn, deposes and says that he is a Vice President of New York State Electric & Gas Corporation (NYSE&G); that he has read the foregoing NYSE&G 1 and 2 License Application and knows its contents to be true and correct to the best of his knowledge, information and belief, so far as it concerns NYSE&G.

Allen E Kintigh

ALLEN E. KINTIGH

Sworn to before me this
22nd day of September, 1978

Ronald L. Koberlein

RONALD L. KOBERLEIN

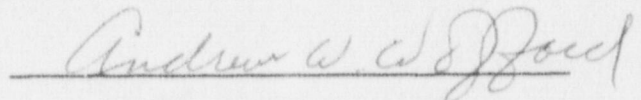
Notary Public, State of New York
Qualified in Broome Co., N. Y.

My commission expires March 30, 1979.

STATE OF NEW YORK)
:
COUNTY OF NASSAU)

SS.:

ANDREW W. WOFFORD, being duly sworn, deposes and says that he is a Vice President of Long Island Lighting Company (LILCO); that he has read the foregoing NYSE&G 1 and 2 License Application and knows its contents to be true and correct to the best of his knowledge, information and belief, so far as it concerns LILCO.



ANDREW W. WOFFORD

Sworn to before me this
8th day of November, 1978

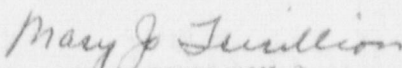

MARY JO TERRILLION
Notary Public, State of New York
No. 30-4603827
Qualified in Nassau County
Commission expires Mar. 30, 1984

EXHIBIT A

NEW YORK STATE ELECTRIC & GAS CORPORATION
DIRECTORS

Home

| | |
|----------------------|--|
| Robert B. Adam | 45 Penhurst Park Buffalo, N.Y. 14222 716/885-2666 |
| Wells P. Allen, Jr. | 24 Calgary Lane Binghamton, N.Y. 13901 607/648-5630 |
| Dr. Roy S. Arrandale | <u>ALL MAIL TO:</u> 1720 West Church Street Elmira, N.Y. 14905 607/732-2892 |
| Howard W. Gunlocke | 300 West Naples Street Wayland, N.Y. 14572 716/728-2190 |
| Legare R. Hole | East Lake Road Auburn, N.Y. 13201 315/252-2824 |
| Alexander Horwitz | <u>ALL MAIL TO:</u> 15-A Andrea Drive Vestal, N.Y. 13850 607/798-7756 |
| Charles F. Kennedy | 5 Riverside Drive Binghamton, N.Y. 13905 607/724-3667 |
| William A. Lyons | 152 Riverside Drive Binghamton, N.Y. 13905 607/722-0416 |
| Alton G. Marshall | 770 Park Avenue Apt. 10B New York, N.Y. 10021 212/879-9666 |
| C. William Stuart | 513 West Maple Avenue Newark, N.Y. 14513 315/331-1193 |
| Charles A. Winding | 461 West First Street Elmira, N.Y. 14901 607/732-2786 |

OFFICERS

C. F. Kennedy
5 Riverside Drive
Binghamton, N.Y. 13905

Chairman and Chief Executive Officer

W. P. Allen, Jr.
24 Calgary Lane
Binghamton, N.Y. 13901

President and Chief Operating Officer

D. R. Hix
26 Bridge Street
Newark Valley, N.Y. 13811

Assistant to the Chairman
& Assistant Secretary

R. Kroboth
405 Denal Way
Vestal, N.Y. 13850

Assistant to the Chairman

L. T. Everett
1114 Hanshaw Road
Ithaca, N.Y. 14850

Senior Vice President - Corporate

E. E. Forrest
600 Lowell Drive
Endwell, N.Y. 13760

Senior Vice President - Administration

R. B. MacKenzie
8 Hinds Street
Hillcrest, Bing., N.Y. 13901

Senior Vice President - Engineering
& Operations

E. P. Waters
10 Clinton Street
Homer, N.Y. 13077

Senior Vice President & Treasurer

J. A. Ackerman
18 Columbine Drive
Binghamton, N.Y. 13901

Vice President - Area Administration

O. W. Darraeh
3661 Country Club Road
Endwell, N.Y. 13760

Vice President - Market Services

A. E. Kintigh
3605 Scribner Drive
Endwell, N.Y. 13760

Vice President - Generation

J. H. Roskoz
32 Crestmont Road
Binghamton, N.Y. 13905

Vice President - Operations

M. J. Turkovic
924 Country Club Road
Binghamton, N.Y. 13903

Vice President - Purchasing

OFFICERS (con't.)

A. D. Tuttle
617 Lacey Drive
Endwell, N.Y. 13760

Vice President - Research & Development

W. P. Walker
7 Edgebrook Road
Binghamton, N.Y. 13903

Vice President - Personnel

F. X. Carney
32 South Wisconsin Drive
Binghamton, N.Y. 13901

Assistant Vice President -
Mechanical Engineering

R. A. Perine
20 Deerfield Drive
Owego, N.Y. 13827

Assistant Vice President -
Gas Operations

J. D. Scott
78 W. Dryden Road
Freeville, N.Y. 13068

Assistant Vice President - Economics

R. A. Jacobsen
626 Cayuga Heights Road
Ithaca, N.Y. 14850

Comptroller

J. S. Hecht
1446 Hanshaw Road
Ithaca, N.Y. 14850

Secretary

R. P. Fagan
27 Keith Lane
Dryden, N.Y. 13053

Assistant Comptroller

M. F. Felo, Jr.
18 Clinton Street
Homer, N.Y. 13077

Assistant Treasurer

J. M. Niefer
102 Brandywine Road
Ithaca, N.Y. 14850

Assistant Secretary

EXHIBIT B

LONG ISLAND LIGHTING COMPANY
DIRECTORS

Home

| | |
|---------------------|--|
| William J. Casey | Glenwood Road Roslyn Harbor, N.Y. 11576 |
| Edward C. Duffy | 133 Marshall Avenue Floral Park, N.Y. 11001 |
| Winfield E. Fromm | Laurel Court RFD #3 Lloyd Harbor, N.Y. 11743 |
| Nathaniel M. Giffen | Levon Lane Miller Place, New York 11764 |
| Lionel M. Goldberg | 32 Pearsall Avenue Glen Cove, New York 11542 |
| John D. Maxwell | High Farms Road Glen Head, New York 11545 |
| Robert G. Olmsted | 680 Steamboat Road Greenwich, Connecticut 06830 |
| Charles R. Pierce | 21 Wayside Lane Lloyd Harbor, New York 11743 |
| Eben W. Pyne | Willets Road Old Westbury, New York 11568 |
| Wilfred O. Uhl | 28 Elmwood Court Plainview, N.Y. 11803 |
| Phyllis S. Vineyard | 10 South Brewster Lane Bellport, New York 11713 |

B-2
OFFICERS

| | <u>Title</u> |
|--|--|
| Charles R. Pierce 21 Wayside Lane Lloyd Harbor, New York 11743 | Chairman and Chief Executive Officer |
| W. O. Uhl 28 Elmwood Court Plainview, N.Y. 11803 | President |
| C. J. Davis 1 Brookside Drive Oyster Bay, N.Y. 11771 | Senior Vice President - Engineering and Project Management |
| J. W. Dye, Jr. 12 Summit Court Oyster Bay, N.Y. 11771 | Senior Vice President - Operations, Transmission/Distribution and Purchasing |
| Frank C. Mackay 923 Southern Drive Franklin Square, N.Y. 11010 | Senior Vice President - Commercial Operations |
| Thomas H. O'Brien 21 Hilton Avenue Garden City, N.Y. 11530 | Senior Vice President - Finance |
| Joseph G. Acker 15 Teal Crescent Great River, N.Y. 11530 | Vice President - Transmission/ Distribution and Service Operations |
| Grant Brown 38 Lister Circle Fort Salonga, Northport, N.Y. 11768 | Vice President - Employee Relations |
| M. C. Cordaro 10 Triangle Court Fort Salonga, Northport, N.Y. 11768 | Vice President - Engineering |
| Ira L. Freilicher 63 Old Farm Road East Hills, Roslyn Heights, N.Y. 11577 | Vice President - Public Affairs |
| John R. Gummersall, Jr. 141 Glenlawn Avenue Sea Cliff, New York 11579 | Vice President - Operations and Construction |
| John J. Russell 44 Mole Place Amityville, N.Y. 11701 | Vice President - Customer Relations |

OFFICERS (con't)

A. W. Wofford
11 Chanticleer Court
Huntington, N.Y. 11743

Vice President - Project Management

M. Czumak
246 Soundview Road
Huntington, N.Y. 11743

Controller

E. W. Eacker
22 Smith Street
Glen Head, N.Y. 11545

Treasurer

Raymond J. Forrer
50 Relda Street
Plainview, New York 11803

Associate Controller

John J. Kearney, Jr.
35 Russell Road
Garden City, New York 11530

Secretary

Kathleen M. Brown
671 Clinton Avenue
Uniondale, New York 11553

Assistant Secretary

Edward M. Barrett
332 Southdown Road
Lloyd Harbor, New York 11743

General Counsel

Edward J. Walsh, Jr.
72 Brook Street
Garden City, New York 11530

General Attorney

Francis M. Walsh
124 Seaman Road
Jericho, New York 11753

General Claims Attorney

EXHIBIT C

NYSE&G
1977
ANNUAL REPORT

EXHIBIT D

NYSE&G
LATEST PROSPECTUS

EXHIBIT E

LILCO
1977
ANNUAL REPORT

EXHIBIT F

LILCO
LATEST PROSPECTUS