

Application for Utilization Facility  
Construction Permit and Operating License

General Information

1. Names and Addresses of Applicants

- a. Duquesne Light Company  
435 Sixth Avenue  
Pittsburgh, Pennsylvania 15219
- b. Ohio Edison Company  
47 North Main Street  
Akron, Ohio 44308
- c. Pennsylvania Power Company  
One East Washington Street  
New Castle, Pennsylvania 16103
- d. The Cleveland Electric Illuminating Company  
P. O. Box 5000  
Cleveland, Ohio 44101
- e. The Toledo Edison Company  
300 Madison Avenue  
Toledo, Ohio 43652

Duquesne Light Company, Ohio Edison Company, Pennsylvania Power Company (a subsidiary of Ohio Edison Company), The Cleveland Electric Illuminating Company and The Toledo Edison Company will share undivided ownership of the utilization facility, to be known as the Perry Nuclear Power Plant Units 1 & 2. Together, the five electric power companies have a total installed net demonstrated generating capability of 11,917,200 kilowatts as of December 31, 1975 and serve a population, according to the 1970 census, of over seven million in a service area of about 14,000 square miles in western Pennsylvania, northwestern, northeastern, and central Ohio, the details of which are as follows:

	Net Demonstrated Generating Capability (KW)	Population	Size (Square Miles)
Duquesne Light Company	2,541,000	1,615,000	800
Ohio Edison Company	3,751,500	2,321,000	7,466
Pennsylvania Power Company	622,700	324,000	1,517
The Cleveland Electric Illuminating Company	3,940,000	2,100,000	1,700

	Net Demonstrated Generating Capability (KW)	Population	Size (Square Miles)
The Toledo Edison Company	1,062,000	719,000	2,500

The Cleveland Electric Illuminating Company has complete responsibility for the design, installation, construction, operation and maintenance of the Perry Nuclear Power Plant Units 1 & 2 and for the prosecution of this application and all related licensing activities and proceedings before the Atomic Energy Commission. Duquesne Light Company, Ohio Edison Company, Pennsylvania Power Company, The Cleveland Electric Illuminating Company and The Toledo Edison Company are not acting as the agent or representative of any other persons in filing this application.

2. Description of Business and Organization of Applicants

- a. Duquesne Light Company is a public utility incorporated under the laws of the Commonwealth of Pennsylvania and is engaged in the generation, purchase, transmission, distribution and sale of electricity in western Pennsylvania in and about the City of Pittsburgh. Duquesne Light Company sells directly to customers in 146 municipalities and provides wholesale power to one municipality in Pennsylvania.

Duquesne Light Company is not owned, controlled, or dominated by an alien, foreign corporation, or foreign government. The names and business addresses of Duquesne Light Company's directors and principal officers, all of whom are citizens of the United States, are as follows:

Directors

John M. Arthur  
Duquesne Light Company  
435 Sixth Avenue  
Pittsburgh, Pennsylvania 15219

Charles M. Atkinson  
Duquesne Light Company  
435 Sixth Avenue  
Pittsburgh, Pennsylvania 15219

Edward O. Boshell  
323 River Drive  
Tequesta, Florida 33458

Ralph H. Demmler  
Reed Smith Shaw & McClay  
747 Union Trust Building  
P. O. Box 2009  
Pittsburgh, Pennsylvania 15230

Leon Falk, Jr.  
3315 Grant Building  
Pittsburgh, Pennsylvania 15219

Philip A. Flegler  
Jefferson School Road  
R. D. 2, Box 331A  
Ligonier, Pennsylvania 15658

W. Kent Cochran  
19 Wall Street  
Wellesley, Massachusetts 02181

Edward J. Hanley  
Allegheny Ludlum Industries, Inc.  
2032 Oliver Building  
Pittsburgh, Pennsylvania 15222

C. Christian Lantzsch  
Senior Vice President and Chief  
Financial Officer of Mellon Bank  
and Vice President and Treasurer  
of Mellon Natural Corporation

Stanley G. Schaffer  
Duquesne Light Company  
435 Sixth Avenue  
Pittsburgh, Pennsylvania 15219

#### Officers

John M. Arthur  
Chairman of the Board and  
Chief Executive Officer  
435 Sixth Avenue  
Pittsburgh, Pennsylvania 15219

Stanley G. Schaffer  
President  
435 Sixth Avenue  
Pittsburgh, Pennsylvania 15219

Charles M. Atkinson  
Vice President - Fiscal  
435 Sixth Avenue  
Pittsburgh, Pennsylvania 15219

Earl J. Woolever  
Vice President - Engineering  
and Construction  
435 Sixth Avenue  
Pittsburgh, Pennsylvania 15219

George I. Rifendifer  
Vice President - General Services  
Division  
435 Sixth Avenue  
Pittsburg, Pennsylvania 15219

Clifford N. Dunn  
Vice President - Operations  
435 Sixth Avenue  
Pittsburgh, Pennsylvania 15219

William F. Gilfillan, Jr.  
Vice President - Marketing and  
Customer Services  
435 Sixth Avenue  
Pittsburgh, Pennsylvania 15219

J. A. Knepper  
Treasurer and Controller  
435 Sixth Avenue  
Pittsburgh, Pennsylvania 15219

Howard W. Staas  
Secretary  
435 Sixth Avenue  
Pittsburgh, Pennsylvania 15219

- b. Ohio Edison Company is a public utility incorporated under the laws of the State of Ohio and is engaged principally in the generation, purchase, transmission, distribution, and sale of electricity in northeastern and central Ohio. Ohio Edison Company sells directly to customers in 131 municipalities and in rural areas and supplies electric energy for resale to 20 municipalities.

Ohio Edison Company is not owned, controlled, or dominated by an alien, foreign corporation, or foreign government. The names and business addresses of Ohio Edison Company's directors and principal officers, all of whom are citizens of the United States, are as follows:

#### Directors

W. A. Derrick  
1323 Johnson Street  
Sandusky, Ohio 44870

Frank C. Watson  
Youngstown Welding & Engineering Co.  
3700 Oakwood Avenue  
Youngstown, Ohio 44509

John L. Feudner, Jr. (Retired)  
332 Afton Avenue  
Akron, Ohio 44313

J. Robert Groff  
The James Leffel & Co.  
Springfield, Ohio 45501

D. Bruce Mansfield (Retired)  
544 Merriman Road  
Akron, Ohio 44303

V. A. Owoc  
Ohio Edison Company  
47 North Main Street  
Akron, Ohio 44308

J. T. Rogers, Jr.  
Ohio Edison Company  
47 North Main Street  
Akron, Ohio 44308

W. H. Sammis (Retired)  
47 North Main Street  
Akron, Ohio 44308

John S. Taber  
Suite 823  
342 Madison Avenue  
New York, New York 10017

W. R. Tappan  
The Tappan Company  
Tappan Park  
Mansfield, Ohio 44901

John R. White  
Ohio Edison Company  
47 North Main Street  
Akron, Ohio 44308

R. G. Zimmerman  
Ohio Edison Company  
47 North Main Street  
Akron, Ohio 44308

Fred H. Zuck (Retired)  
603 Columbus Avenue  
P.O. Box 1460  
Sandusky, Ohio 44870

#### Officers

H. P. Burg  
Treasurer  
47 North Main Street  
Akron, Ohio 44308

V. A. Owoc  
Vice President  
47 North Main Street  
Akron, Ohio 44308

Lynn Firestone  
Vice President  
47 North Main Street  
Akron, Ohio 44308

D. E. Wooldridge, Jr.  
Vice President  
47 North Main Street  
Akron, Ohio 44308

C. N. Glasgow  
Assistant Secretary  
47 North Main Street  
Akron, Ohio 44308

W. G. Fouch  
Assistant Comptroller  
47 North Main Street  
Akron, Ohio 44308

D. W. Tschappat  
Vice President  
47 North Main Street  
Akron, Ohio 44308

Joanne Martin  
Assistant Secretary  
47 North Main Street  
Akron, Ohio 44308

D. D. Vowles  
Secretary  
47 North Main Street  
Akron, Ohio 44308

John R. White  
President  
47 North Main Street  
Akron, Ohio 44308

J. T. Rogers, Jr.  
Vice President  
47 North Main Street  
Akron, Ohio 44308

R. G. Zimmerman  
Vice President  
47 North Main Street  
Akron, Ohio 44308

W. B. Marvin  
Comptroller  
47 North Main Street  
Akron, Ohio 44308

C. J. Buescher  
Assistant Treasurer  
47 North Main Street  
Akron, Ohio 44308

L. C. Planning  
Assistant to the President  
47 North Main Street  
Akron, Ohio 44308

- c. Pennsylvania Power Company, a subsidiary of Ohio Edison Company, is a public utility incorporated under the laws of the Commonwealth of Pennsylvania and is engaged principally in the generation, purchase, transmission, distribution and sale of electricity in northwestern Pennsylvania. Pennsylvania Power Company sells directly to customers in 38 municipalities and to adjoining rural areas, and wholesale power to five municipalities.

Pennsylvania Power Company is not owned, controlled, or dominated by an alien, foreign corporation, or foreign government. The names and business addresses of Pennsylvania Power Company's directors and principal officers, all of whom are citizens of the United States, are as follows:

Directors

John R. White  
Ohio Edison Company  
47 North Main Street  
Akron, Ohio 44308

W. S. Hodge  
W. S. Hodge Foundry  
Mapleton Road  
Greenville, Pennsylvania 16125

Ray E. Semmler  
Pennsylvania Power Company  
One East Washington Street  
New Castle, Pennsylvania 16103

J. F. Dunlevy  
Pennsylvania Power Company  
One East Washington Street  
New Castle, Pennsylvania 16103

P. Papanhausen, Jr.  
Pennsylvania Power Company  
One East Washington Street  
New Castle, Pennsylvania 16103

W. H. Sammis  
47 North Main Street  
Akron, Ohio 44308

J. R. Edgerly  
Pennsylvania Power Company  
One East Washington Street  
New Castle, Pennsylvania 16103

W. F. Reeher  
Pennsylvania Power Company  
One East Washington Street  
New Castle, Pennsylvania 16103

D. Bruce Mansfield (Retired)  
544 Merriman Road  
Akron, Ohio 44303

C. M. Whittaker  
302 South Croton Avenue  
New Castle, Pennsylvania 16101

G. Leo Winger  
700 S. Dock Street  
Sharon, Pa. 16146

Officers

John R. White  
Chairman of the Board  
47 North Main Street  
Akron, Ohio 44308

J. R. Edgerly  
Secretary  
One East Washington Street  
New Castle, Pennsylvania 16103

Ray E. Semmler  
President  
One East Washington Street  
New Castle, Pennsylvania 16103

R. P. Armstrong  
Assistant Secretary and  
Assistant Treasurer  
One East Washington Street  
New Castle, Pennsylvania 16103

J. F. Dunlevy  
Vice President  
One East Washington Street  
New Castle, Pennsylvania 16103

W. A. Margraf  
Assistant Secretary and  
Assistant Treasurer  
One East Washington Street  
New Castle, Pennsylvania 16103

P. Papenhausen, Jr.  
Treasurer  
One East Washington Street  
New Castle, Pennsylvania 16103

W. K. Conover  
Vice President  
One East Washington Street  
New Castle, Pennsylvania 16103

W. F. Recher  
Vice President  
One East Washington Street  
New Castle, Pennsylvania 16103

Angeline Comparone  
Assistant Secretary  
One East Washington Street  
New Castle, Pennsylvania 16103

- d. The Cleveland Electric Illuminating Company is a public utility incorporated under the laws of the State of Ohio and is engaged principally in the generation, purchase, transmission, distribution and sale of electricity in northeastern Ohio. The Cleveland Electric Illuminating Company sells directly to customers in the City of Cleveland and 88 other municipalities and surrounding territory, and has recently made an emergency standby connection with the City of Cleveland's municipal electric power system.

The Cleveland Electric Illuminating Company is not owned, controlled, or dominated by an alien, foreign corporation, or foreign government. The names and business addresses of The Cleveland Electric Illuminating Company's directors and principal officers, all of whom are citizens of the United States, are as follows:

Directors

Ralph M. Pesse  
Squire, Sanders & Dempsey  
1900 Union Commerce Building  
Cleveland, Ohio 44115

Robert M. Ginn  
The Cleveland Electric  
Illuminating Company  
55 Public Square  
Cleveland, Ohio 44113

Morton L. Mandel  
Premier Industrial Corporation  
4415 Euclid Avenue  
Cleveland, Ohio 44103

Charles E. Spahr  
The Standard Oil Company (Ohio)  
1750 Midland Building  
Cleveland, Ohio 44113

Richard B. Tullis  
Harris Corporation  
The Illuminating Building  
55 Public Square  
Cleveland, Ohio 44113

Harry J. Bolwell  
Midland-Ross Corporation  
The Illuminating Building  
55 Public Square  
Cleveland, Ohio 44113

John Lansdale, Jr.  
Cox, Langford & Brown  
21 DuPont Circle, N. W.  
Washington, D. C. 20036

Hugh D. Luke  
The Reliance Electric Company  
29325 Chagrin Boulevard  
Cleveland, Ohio 44122

Karl H. Rudolph  
The Cleveland Electric  
Illuminating Company  
55 Public Square  
Cleveland, Ohio 44113

Herbert E. Strawbridge  
The Higbee Company  
100 Public Square  
Cleveland, Ohio 44113

Harold L. Williams  
The Cleveland Electric  
Illuminating Company  
55 Public Square  
Cleveland, Ohio 44113

Officers

Karl H. Rudolph  
President  
55 Public Square  
Cleveland, Ohio 44113

Harold L. Williams  
Executive Vice President  
55 Public Square  
Cleveland, Ohio 44113

Robert W. Coan  
Vice President - Technical and Admin-  
strative Services  
55 Public Square  
Cleveland, Ohio 44113

Richard A. Miller  
Vice President - Finance and General Counsel  
55 Public Square  
Cleveland, Ohio 44113

Robert M. Ginn  
Executive Vice President  
55 Public Square  
Cleveland, Ohio 44113

Darwyn R. Davidson  
Vice President - Engineering  
55 Public Square  
Cleveland, Ohio 44113

Philip B. Perry  
Vice President - Operations  
55 Public Square  
Cleveland, Ohio 44113

Clement T. Loshing  
Treasurer  
55 Public Square  
Cleveland, Ohio 44113

Andrew R. Felmer  
Secretary  
55 Public Square  
Cleveland, Ohio 44113

John J. Mistic  
Division Manager - Distribution  
Division  
55 Public Square  
Cleveland, Ohio 44113

Ray W. Wyman  
Vice President - Energy Application  
Service  
55 Public Square  
Cleveland, Ohio 44113

Edgar H. Maugans  
Controller  
55 Public Square  
Cleveland, Ohio 44113

Newton D. Flack  
Division Manager - Steam  
Power Division  
55 Public Square  
Cleveland, Ohio 44113

- e. The Toledo Edison Company is a public utility incorporated under the laws of the State of Ohio and is engaged principally in the generation, purchase, transmission, distribution and sale of electricity in northwestern Ohio. The Toledo Edison Company sells directly to customers in 49 incorporated municipalities and in rural areas and provides wholesale power to 15 municipalities.

The Toledo Edison Company is not owned, controlled, or dominated by an alien, foreign corporation, or foreign government. The names and business addresses of The Toledo Edison Company's directors and principal officers, all of whom are citizens of the United States, are as follows:

Directors

Dr. William S. Carlson  
President, Emeritus University of Toledo  
4047 Newcastle Drive  
Sylvania, Ohio 43560

Samuel G. Carson  
President, The Toledo Trust Company  
Summit and Madison  
Toledo, Ohio 43603

John P. Williamson  
President, The Toledo Edison Company  
Edison Plaza  
300 Madison Avenue  
Toledo, Ohio 43652

Robert G. Wingerter  
Chairman of the Board and  
Chief Executive Officer  
Libbey-Owens Ford Company  
811 Madison Avenue  
Toledo, Ohio 43624

James S. Grant  
Vice President - Energy Supply  
The Toledo Edison Company  
Edison Plaza  
300 Madison Avenue  
Toledo, Ohio 43652

Henry A. Page, Jr.  
President, Page Dairy Company  
P. O. Box 597  
Toledo, Ohio 43624

Lowell E. Roe  
Vice President - Facilities Development  
The Toledo Edison Company  
Edison Plaza  
300 Madison Avenue  
Toledo, Ohio 43652



Wendell A. Johnson  
Senior Vice President Operations  
The Toledo Edison Company  
Edison Plaza  
300 Madison Avenue  
Toledo, Ohio 43652

Paul M. Smart  
Vice President - Legal and Secretary  
The Toledo Edison Company  
Edison Plaza  
300 Madison Avenue  
Toledo, Ohio 43652

Virgil A. Gladieux  
Chairman of the Board, Gladieux Food  
Services, Inc.  
2630 West Laskey Road  
Toledo, Ohio 43613

Marvin S. Kobacker  
Private Investor  
P. O. Box 307  
Toledo, Ohio 43691

Floyd M. Canter  
Consultant  
Ownes-Illinois, Inc.  
P. O. Box 1035  
Toledo, Ohio 43666

Robert H. Davies  
President  
The Holborn Company  
3150 Republic Blvd. N.  
Toledo, Ohio 43615

Willard I. Webb, III  
Chairman of the Board, Ohio Citizens  
Trust Company  
P. O. Box 1688  
Toledo, Ohio 43603

Donald G. Nicholson  
Vice President - Finance  
The Toledo Edison Company  
Edison Plaza  
300 Madison Avenue  
Toledo, Ohio 43652

#### Officers

John H. Barker  
Vice President - Public Relations  
Edison Plaza  
300 Madison Avenue  
Toledo, Ohio 43652

John P. Williamson  
President and Chief Executive Officer  
Edison Plaza  
300 Madison Avenue  
Toledo, Ohio 43652

Wendell A. Johnson  
Senior Vice President - Operations  
Edison Plaza  
300 Madison Avenue  
Toledo, Ohio 43652

Frank W. Keith  
Vice President - Personnel  
Edison Plaza  
300 Madison Avenue  
Toledo, Ohio 43652

Howard B. Fox  
Vice President - Corporate Develop-  
ment  
Edison Plaza  
300 Madison Avenue  
Toledo, Ohio 43652

Wm. H. Schwalbert  
Vice President - Administrative Systems  
Edison Plaza  
300 Madison Avenue  
Toledo, Ohio 43652

Lowell E. Roe  
Vice President - Facilities Development  
Edison Plaza  
300 Madison Avenue  
Toledo, Ohio 43652

Donald G. Nicholson  
Vice President - Finance  
Edison Plaza  
300 Madison Avenue  
Toledo, Ohio 43652

Donald H. Saunders  
Controller  
Edison Plaza  
300 Madison Avenue  
Toledo, Ohio 43652

James S. Grant  
Vice President - Energy Supply  
Edison Plaza  
300 Madison Avenue  
Toledo, Ohio 43652

David K. Zaski  
Vice President - Customer Services  
Edison Plaza  
300 Madison Avenue  
Toledo, Ohio 43652

Lyman C. Phillips  
Treasurer  
Edison Plaza  
300 Madison Avenue  
Toledo, Ohio 43652

J. Fred Plassman  
Assistant Controller  
Edison Plaza  
300 Madison Avenue  
Toledo, Ohio 43652

Robert F. Ertle  
Assistant Secretary  
Edison Plaza  
300 Madison Avenue  
Toledo, Ohio 43652

Marvin W. Keck  
Vice President - System Planning  
Edison Plaza  
300 Madison Avenue  
Toledo, Ohio 43652

Stratman Cooke  
Assistant Secretary  
Edison Plaza  
300 Madison Avenue  
Toledo, Ohio 43652

Paul M. Smart  
Vice President - Legal and Secretary  
Edison Plaza  
300 Madison Avenue  
Toledo, Ohio 43652

3. Class and Period of License Requested

Applicants request two class 103 construction permits and operating licenses for a period of 40 years authorizing The Cleveland Electric Illuminating Company to construct and operate the utilization facility described in Item 5 below.

4. Additional Licenses Requested

Applicants request such additional source, special nuclear, and byproduct material licenses as may be necessary and appropriate to the construction and operation of the facility.

5. Description and Use of Facility

The Perry Nuclear Power Plant Units 1 & 2 will be a nuclear electric generating plant with boiling water reactor generating systems, utilizing the Mark III containment and BWR/6 design. The rated core thermal power of each unit will be 3579 Mwt with a design power of 3758 Mwt. All safety evaluations in the PSAR are made at 3758 Mwt. The corresponding unit net electrical outputs will be 1205 Mwe and 1265 Mwe.

The Perry Nuclear Power Plant Units 1 & 2 are to be located near Lake Erie in Lake County, Ohio. The plant site is approximately 35 miles northeast of Cleveland, Ohio, and 21 miles southwest of Ashtabula, Ohio.

Details concerning the plant and the site are contained in the Preliminary Safety Analysis Report (PSAR) which constitutes a part of this application.

6. Financial Qualifications

Applicants will own the plant as tenants in common without right of partition, their respective undivided ownership interests being as follows:

Duquesne Light Company	13.74%
Ohio Edison Company	35.60%
Pennsylvania Power Company	6.28%
The Cleveland Electric Illuminating Company	24.47%
The Toledo Edison Company	19.91%
	<u>100.00%</u>

The companies will share all expenditures for the design, installation, construction, operation and maintenance of the plant, and in the energy production, in proportion to their undivided ownership interests therein, except that adjustments appropriate to any particular kind of expense may be made. All financing will be provided by the applicants. For example, sharing of operation and maintenance costs, including fuel, will be adjusted when full entitlement to the capability and output of the plant is not taken by any tenant in common therein.

a. Estimate of Construction Costs

The cost estimate is listed by Federal Power Commission accounts where applicable. The basis for the estimate are contract prices, with estimated escalation, for the nuclear steam supply system, turbine-generator and fabrication of the initial core, and an estimate of all other construction costs by The Cleveland Electric Illuminating Company and Gilbert Associates, the Company's Architect/Engineer. This estimate includes interest during construction and all other construction costs. The interest rate used in computing interest during construction for each applicant is as follows:

Duquesne Light Company	8.0%
Ohio Edison Company	9.0%
Pennsylvania Power Company	9.0%
The Cleveland Electric Illuminating Company	8.0%
The Toledo Edison Company	8.0%

(1) Total nuclear production plant costs:

FPC Account

320	Land and Land Rights	5,520,000
321	Structures and Improvements	496,938,000
322	Reactor Plant Equipment	909,244,000
323	Turbine-Generator Equipment	380,599,000
324	Accessory Electrical Equipment	193,052,000
325	Miscellaneous Power Plant Equipment	21,518,000
353	Station Equipment--Transmission	15,832,000
		<u>2,022,703,000</u>

- (2) Transmission, distribution and general plant costs: \$ 12,033,000
- (3) Nuclear fuel inventory cost\* for first core: \$ 145,540,000  
Total estimated cost: \$2,180,276,000

- (4) The total estimated costs (including costs for the proposed Perry Plant) for all construction or acquisition of property, plant, and facilities, by year, through the latest year (1983) in which Unit 2 will be completed are as follows:

	<u>DUQ</u>	<u>OE</u>	<u>PP</u>	<u>CEI</u>	<u>TE</u>
	(Thousand dollars)				
1976	166,846	290,900	61,300	293,000	150,400
1977	219,469	370,000	100,100	353,000	186,800
1978	225,895	366,400	74,700	373,000	202,100
1979	212,904	379,200	68,000	395,000	199,500
1980	216,728	396,300	77,500	403,000	274,700
1981	188,993	403,000	73,000	371,000	225,100
1982	180,648	N.A.	N.A.	344,000	208,700
1983	179,887	N.A.	N.A.	363,000	192,500

N.A. = Not Available.

\* Fuel for Unit 1 will be leased. At present no final decision has been made if the fuel for Unit 2 is to be leased or purchased. Indications today are that the Unit 2 fuel will be leased.

b. Source of Construction Funds

Construction of the Perry Nuclear Power Plant will be financed as an integral part of the total construction programs of the five companies in the same general manner as other additions to their generating facilities. The companies would expect to derive funds from both internal and external sources. External sources would be satisfied by issuing first mortgage bonds, preferred stock and common stock.

The approximate annual amount (or range) of financing that is expected to be provided by internally generated funds during construction of both units for each applicant is as follows:

	<u>DUQ</u>	<u>OE</u>	<u>PP</u>	<u>CEI</u>	<u>TE</u>
1976	35	23	15	27	12
1977	NA*	13	14	41	18
1978	NA*	16	18	29	26
1979	NA*	13	22	31	31
1980	NA*	22	27	30	41
1981	NA*	25	30	33	47
1982	NA*	NA	NA	37	52
1983	NA*	NA	NA	36	53

\* Can not be computed due to lack of rate relief information.

NA - Not available.

c. Financial Statements

The latest, published annual reports of Duquesne Light Company, Ohio Edison Company, Pennsylvania Power Company, The Cleveland Electric Illuminating Company and The Toledo Edison Company are attached as Appendix L of this Application.

7. Technical Qualifications

A description of the technical qualifications of The Cleveland Electric Company and its principal contractors is contained in Chapters 1 and 13 of the PSAR. A description of The Cleveland Electric Illuminating Company's training program is contained in Chapter 13 of the PSAR.

8. Completion Date

The scheduled earliest completion date for Unit 1 is April 1981 and the latest completion date is December 1982. For Unit 2 the corresponding dates are October 1982 and June, 1984.

9. (a) Regulatory Agencies

One or more regulatory agencies and municipalities may have jurisdiction over the respective rates and services of the Applicants incident to the generation and distribution of electric energy from the utilization facility for which a class 103 license is requested herein. The names and addresses of such agencies and the names of such municipalities are set forth in the attached Appendices A through E.

(b) Trade and News Publications

The lists of trade and news publications which are in general circulation in the respective service areas of the Applicants and which are considered appropriate to give reasonable notice of this Application to those municipalities, private utilities, public bodies and cooperatives which might have a potential interest in the utilization facility are set forth in Appendices F through K.

10. Security Agreement

The Application does not contain any Restricted Data or other defense information. Applicants agree that they will not permit any individual to have access to Restricted Data until the Civil Service Commission shall have made an investigation and a report to the Atomic Energy Commission on the character, associations, and loyalty of such

individual, and the Atomic Energy Commission shall have determined that permitting such person to have access to Restricted Data will not endanger the common defense and security.

11. Communications

The Cleveland Electric Illuminating Company on behalf of itself and Ohio Edison Company, Pennsylvania Power Company, The Toledo Edison Company and Duquesne Light Company will hereafter submit all further information required in connection with this Application. Applicants request that all communications pertaining to this application be sent to:

Dalwyn R. Davidson, Vice President-Engineering  
The Cleveland Electric Illuminating Company  
Post Office Box 5000  
Cleveland, Ohio 44101

In addition, it is requested that copies of each communication be sent to The Cleveland Electric Illuminating Company's Washington counsel:

Gerald Charnoff, Esq.  
Shaw, Pittman, Potts, Trowbridge & Medden  
910 17th Street, N.W.  
Washington, D.C. 20006

and to Cleveland's counsel:

Donald H. Hauser, Esq.  
The Cleveland Electric Illuminating Company  
Post Office Box 5000  
Cleveland, Ohio 44101

TABLE GI-1

PLANT CAPITAL INVESTMENT SUMMARY  
 (THOUSAND DOLLARS)  
 PERRY NUCLEAR POWER PLANT UNITS 1 & 2  
 LAKE COUNTY, OHIO  
 COST BASIS: AT START OF CONSTRUCTION  
 DESIGN + CONSTRUCTION PERIOD - 1972 THROUGH 1982  
 • 40 HOUR WORK WEEK  
 \* STRAIGHT INTEREST RATE

<u>ACCOUNT NUMBER</u>	<u>ACCOUNT TITLE</u>	<u>TOTAL COSTS (Thousand dollars)</u>
<u>DIRECT COSTS</u>		
20	LAND AND LAND RIGHTS	\$ 3,330
<u>PHYSICAL PLANT</u>		
21	STRUCTURES AND SITE FACILITIES	200,330
22	REACTOR PLANT EQUIPMENT	355,194
23	TURBINE PLANT EQUIPMENT	169,928
24	ELECTRIC PLANT EQUIPMENT	68,836
25	MISCELLANEOUS PLANT EQUIPMENT	7,732
53	STATION EQUIPMENT--TRANSMISSION	5,858
	SUBTOTAL	\$811,208
	SPARE PART ALLOWANCE	5,000
	CONTINGENCY ALLOWANCE	91,000
	SUBTOTAL	\$ 96,000
<u>INDIRECT COSTS</u>		
91	CONSTRUCTION FACILITIES, EQUIPMENT, AND SERVICES	12,363
92	ENGINEERING AND CONSTRUCTION MANAGEMENT SERVICES	112,684
93	OTHER COSTS	503,448
94	INTEREST DURING CONSTRUCTION	487,000
	SUBTOTAL	1,115,495
	TOTAL PLANT CAPITAL INVESTMENT - (\$839/KW)	\$2,022,703

\* See paragraph 6a, Estimate of Construction Costs.



DUQUESNE LIGHT COMPANY

BY

*William A. Russell*  
(Name)

VICE PRESIDENT

(Title)

Sworn to and subscribed before me, this 15<sup>th</sup> day of

March, 1973.

*Robert J. Motroce*

Notary Public

My Commission Expires:

ROBERT J. MOTROCE, Notary Public  
PITTSBURGH ALLEGHENY COUNTY, PA.  
MY COMMISSION EXPIRES  
OCTOBER 17, 1974

OHIO EDISON COMPANY

By James Finetone  
(Name)

Vice President

(Title)

Sworn to and subscribed before me, this 19<sup>th</sup> day of

March, 1973.

James C. Carroll

Notary Public

JAMES C. CARROLL, Attorney at Law  
Notary Public - State of Ohio  
My Commission has no expiration date  
Section 147.03 F. C.

My Commission Expires:

PENNSYLVANIA POWER COMPANY

BY *Ed Diamond*  
(Name)  
President  
(Title)

Sworn to and subscribed before me, this 20th day of  
March, 1973.

*Mrs. June T. Gramling*  
Notary Public

My Commission Expires:

MRS. JUNE T. GRAMLING, Notary Public  
NEW CASTLE, LAWRENCE CO., PA.  
MY COMMISSION EXPIRES JULY 5, 1974

THE CLEVELAND ELECTRIC  
ILLUMINATING COMPANY

By Harold L. Williams  
(Name)

Vice President-Engineering  
(Title)

Sworn to and subscribed before me, this 20 day of  
March, 1973.

Donald H. Hauser  
Notary Public

My Commission Expires:

DONALD H. HAUSER  
NOTARY PUBLIC - STATE OF OHIO  
My commission expires on expiration date.  
Section 147.02 R.S.

THE TOLEDO EDISON COMPANY

By *J. L. ...*  
(Name) v

Vice President, Power  
(Title)

Sworn to and subscribed before me, this 14<sup>th</sup> day of  
Nov. 1, 1973.

*Anna Mae Ferguson*  
Notary Public

My Commission Expires: ANNA MAE FERGUSON  
Notary Public, Lucas County, Ohio  
My Commission Expires Oct. 7, 1975

FREEDOM OF INFORMATION  
ACT REQUEST

FOIA-81-114  
Rec'd 3-24-81

March 19, 1981

Director, Office of Administration  
United States Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Sir:

Pursuant to Part 9, 10 CFR, I am filing the following  
Freedom of Information Act request.

Please send me the following documents from the Docket  
No. 50-440 and 50-441, Cleveland Electric Illuminating Co,  
(Perry I and II):

- (1) The Order of the Atomic Safety and Licensing Board  
that listed the Contentions it allowed from Intervenors  
and any other parties to be admitted into the Construc-  
tion Permit hearings. It is my understanding the  
Permit was finally granted in 1977, if that will help  
you at all in your search. (limit: first twenty(20) pp.)
- (2) Also, I would like to see the service list that was  
attached to the above-mentioned order, if possible.
- (3) The application for an Operator's License (limited to  
the first twenty(20) Pages.), by Cleveland E.I.C.
- (4) From the Final Environmental Statement, I would like  
a copy of a map(s) depicting the plant site location  
with respect to Ohio and to Lake County.

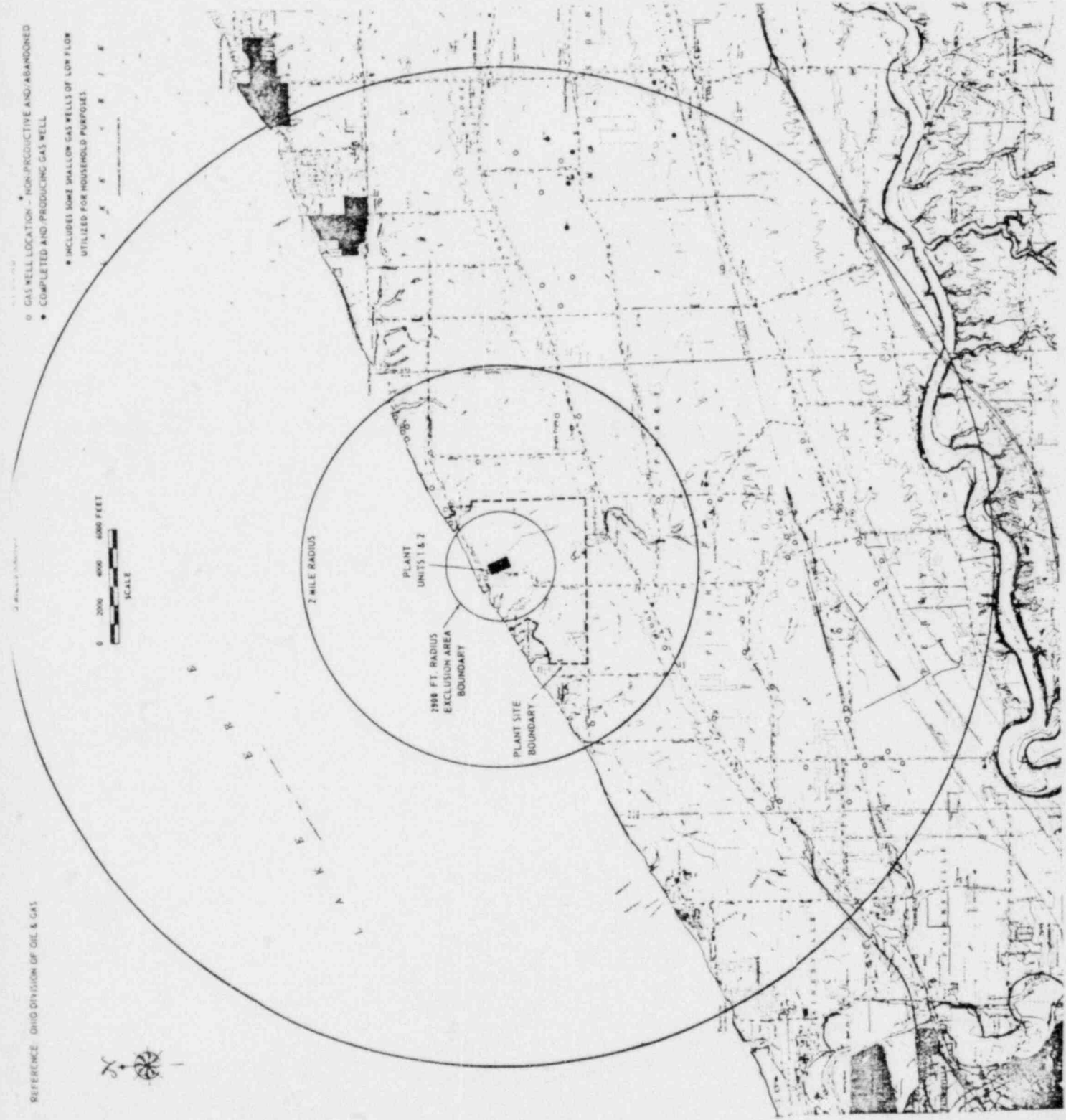
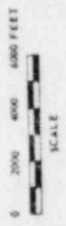
I agree to pay standard charges for the production of  
these records.. It is my understanding that each page is  
eight cents(¢).

Thank you.

Jeff Alexander for OCRE  
929 Wilmington Ave. Apt. #H  
Dayton, OH 45420

8104090295  
PDR (A)

- GAS WELL LOCATION - NON-PRODUCTIVE AND/ABANDONED
- COMPLETED AND /PRODUCING GAS WELL
- \* INCLUDES SOME SHALLOW GAS WELLS OF LOW FLOW UTILIZED FOR HOUSEHOLD PURPOSES



AREA TOPOGRAPHY WITHIN 5 MILE RADII  
 PERRY NUCLEAR POWER PLANT 1 & 2  
 THE CLEVELAND ELECTRIC ILLUMINATING COMPANY      FIGURE 2.1

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