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AUTH.NAME AUTHOR AFFILIATION
CURTIS,N.W. Pennsylvania Power & Light Co.
RECIP.NAME RECIPIENT AFFILIATION
SCHWENCER,A. Licensing Branch 2

SUBJECT: Forwards Amend 48 to application for OL, requesting issuance of OLs for 40-yr period & updating directors & principal officers lists to reflect personnel changes.

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	NRR/DHFS/OLB	34	1	1	NRR/DHFS/PTRB	20	1	1
	NRR/DSI/AEB	26	1	1	NRR/DSI/ASB	27	1	1
	NRR/DSI/CPB	10	1	1	NRR/DSI/CSB	09	1	1
	NRR/DSI/ETSB	12	1	1	NRR/DSI/ICSB	16	1	1
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PP&L Pennsylvania Power & Light Company
Two North Ninth Street • Allentown, PA 18101 • 215 / 770-5151

JUN 0 8 1982

Norman W. Curtis
Vice President-Engineering & Construction-Nuclear
215 / 770-5381

Mr. A. Schwencer, Chief
Licensing Branch No. 2
Division of Project Management
U.S. Nuclear Regulatory Commission
Washington, DC 20555

SUSQUEHANNA STEAM ELECTRIC STATION
AMENDMENT 48 TO OPERATING LICENSE APPLICATION
ER 100450 FILE 841-1 Docket Nos. 50-387
PLA-1125 50-388

Dear Mr. Schwencer:

Attached are sixty (60) copies of Amendment No. 48 to the Operating License Application. This amendment contains Revision 2 to the Susquehanna SES Operating License Application.

This revision requests that the Operating Licenses for the Susquehanna Steam Electric Station Units 1 and 2 be issued for a period of 40 years from the date of their issuance. This revision also updates the Directors and Principal Officers Lists to reflect personnel changes at Pennsylvania Power & Light Company and Allegheny Electric Cooperative, Inc.

Very truly yours,

N. W. Curtis
Vice President, Engineering and Construction - Nuclear

LIC APPL TRANSP:1

Mr. Thomas M. Gerusky
Director, Bureau of Radiation Protection
Fulton Building
P. O. Box 2063
Harrisburg, PA 17120

Attorney General
Department of Justice
Capitol Annex
Harrisburg, PA 17120

Governor's Office of State Planning & Development
Attn: Coordinator, Pennsylvania State Clearinghouse
P. O. Box 1323
Harrisburg, PA 17120

Mr. Bruce Thomas
President, Board of Supervisors
R. D. #1
Berwick, PA

Mr. George Pence
U. S. Environmental Protection Agency
Region III Office
Curtis Building (Sixth Floor)
6th & Walnut Streets
Philadelphia, PA 19106

Mr. J. E. Carson
Argonne National Laboratory
9700 South Cass Avenue
Argonne, IL 60439

B001

8206100292 820608
PDR ADOCK 05000387
A PDR

BEFORE THE
UNITED STATES NUCLEAR REGULATORY COMMISSION

In the Matter of	:	
PENNSYLVANIA POWER & LIGHT COMPANY	:	Docket Nos. 50-387 and 50-388

AMENDMENT NO. 48

APPLICATION FOR CLASS 103

OPERATING LICENSES FOR THE SUSQUEHANNA
STEAM ELECTRIC STATION

UNITS NO. 1 AND NO. 2

Applicant, Pennsylvania Power & Light Company, hereby files Amendment No. 48 to its Operating License Application dated July 31, 1978.

This amendment contains Revision 2 to the Susquehanna SES License Application.

PENNSYLVANIA POWER & LIGHT COMPANY BY:

N. W. Curtis
V. P. Engineering and Construction-Nuclear

Sworn to and subscribed before me
this 8th of June, 1982.

Notary Public
MARTHA C. BARTO, Notary Public
Allentown, Lehigh County, Pa.
My Commission Expires Jan. 13, 1986

BEFORE THE
UNITED STATES NUCLEAR REGULATORY COMMISSION

In the Matter of	:	
PENNSYLVANIA POWER & LIGHT COMPANY	:	Docket Nos. 50-387 and 50-388

AMENDMENT NO. 48

APPLICATION FOR CLASS 103

OPERATING LICENSES FOR THE SUSQUEHANNA
STEAM ELECTRIC STATION

UNITS NO. 1 AND NO. 2

Applicant, Pennsylvania Power & Light Company, hereby files Amendment No. 48 to its Operating License Application dated July 31, 1978.

This amendment contains Revision 2 to the Susquehanna SES License Application.

PENNSYLVANIA POWER & LIGHT COMPANY BY:

N. W. Curtis
V. P. Engineering and Construction-Nuclear

Sworn to and subscribed before me
this 24th of June, 1982.

Notary Public
MARTHA C. BARTO, Notary Public
Allentown, Lehigh County, Pa.
My Commission Expires Jan. 13, 1986

AMENDMENTS TO

SUSQUEHANNA SES LICENSE APPLICATION

AMENDMENT	CONTENT
1	Revision No. 1-FSAR
2	Revision No. 2-FSAR
3	Revision No. 3-FSAR
4	Revision No. 1-ER-OL
5	Revision No. 4-FSAR
6	Revision No. B-Security Plan
7	Revision No. 5-FSAR
8	Revision No. 6-FSAR
9	Revision No. 7-FSAR
10	Revision No. 8-FSAR (Proprietary)
11	Revision No. 9-FSAR
12	Revision No. 2-ER-OL
13	Revision No. 10-FSAR
14	Revision No. 11-FSAR
15	Revision No. C-Security Plan
16	Revision No. 12-FSAR
17	Revision No. D-Security Plan
18	Revision No. 13-FSAR
19	Revision No. 1-Emergency Plan
20	Revision No. 14-FSAR
21	Revision No. 15-FSAR
22	Revision No. 16-FSAR
23	Revision No. E-Security Plan
24	Revision No. 17-FSAR

25	Revision No. 2-Emergency Plan
26	Revision No. 18-FSAR
27	Revision No. 19-FSAR
28	Revision No. 3-Emergency Plan
29	Revision No. 20-FSAR
30	Revision No. 21-FSAR
31	Revision No. 22-FSAR
32	Revision F-Security Plan
33	Revision No. 4-Emergency Plan
34	Revision G-Security Plan
35	Revision No. 23-FSAR
36	Revision H - Security Plan
37	Revision 24 - FSAR (Proprietary)
38	Revision 25 - FSAR
39	Revision 26 - FSAR
40	Revision 5 - Emergency Plan
41	Revision 27 - FSAR
42	Revision 28 - FSAR
43	Revision 29 - FSAR
44	Revision I - Security Plan
45	Revision J - Security Plan
46	Revision K - Security Plan
47	Revision 30 - FSAR
48	Revision 2 - License Application

LICENSE APPLICATION REVISIONS

The attached Revision 2 pages revise the Susquehanna Steam Electric Station License Application.

Remove	Insert
VOLUME 1	
page 1	page 1
page 2	page 2
page 3	page 3
page 4	page 4
page 5	page 5
page 6	page 6
-	page 6a
-	page 6b
page 11	page 11
page 12	page 12
page 13	page 13
page 14	page 14

BEFORE THE

UNITED STATES NUCLEAR REGULATORY COMMISSION

APPLICATION OF

PENNSYLVANIA POWER & LIGHT COMPANY
AND
ALLEGHENY ELECTRIC COOPERATIVE, INC.
FOR
CLASS 103 OPERATING LICENSES FOR SUSQUEHANNA
STEAM ELECTRIC STATION UNITS 1 AND 2

Pursuant to the Atomic Energy Act of 1954, as amended, and the Rules and Regulations issued thereunder, Pennsylvania Power & Light Company and Allegheny Electric Cooperative, Inc. (hereinafter referred to as "Applicants") hereby apply to the United States Nuclear Regulatory Commission for Class 103 Operating Licenses for two Utilization Facilities to be located in Salem Township, Luzerne County, Pennsylvania, hereinafter referred to as Susquehanna SES. In support of this application, Applicants state as follows:

1. Name of Applicants:

Pennsylvania Power & Light Company (hereinafter "PL") and Allegheny Electric Cooperative, Inc. (hereinafter "AE")

2. Address of Applicants:

PL: Two North Ninth Street Allentown, Pennsylvania 18101

AE: 212 Locust Street, Harrisburg, Pennsylvania 17101

3. Description of Business of PL:

PL is a corporation which was organized on June 4, 1920, under the laws of the Commonwealth of Pennsylvania, to exist perpetually. PL is an operating public utility engaged in the business of purchasing, generating, transmitting, distributing and selling electricity to the customers served by PL in central eastern Pennsylvania. PL also supplies steam heating service in Harrisburg, Pennsylvania. PL's principal place of business is Allentown, Pennsylvania.

PL is not owned, controlled or dominated by an alien, a foreign corporation or a foreign government.

The names and addresses of PL's directors and principal officers, all of whom are citizens of the United States, are as follows:

DIRECTORS

NAME	ADDRESS
Clifford L. Alexander, Jr.	Alexander & Associates, Inc. 400 C Street, NE Washington, DC 20002
Rose Well Brayton	Woolrich Woolen Mills, Inc. Woolrich, PA 17779
Robert K. Campbell, President and Chief Executive Officer	Pennsylvania Power & Light Company Two North Ninth St. Allentown, PA 18101
Dr. Edgar L. Dessen	Northeastern Building Suite 214-219 8 W. Broad St. Hazleton, PA 18201
Robert R. Fortune Executive Vice President, Financial	Pennsylvania Power & Light Company Two North Ninth St. Allentown, PA 18101
Frances R. Hesselbein, National Executive Director	Girl Scouts of the United States of America 830 Third Avenue New York, NY 10022
Harry A. Jensen President and Chief Executive Officer	Armstrong World Industries, Inc. P. O. Box 3001 Lancaster, PA 18101
John T. Kauffman, Executive Vice President, Operations	Pennsylvania Power & Light Co. Two North Ninth St. Allentown, PA 18101
Dr. W. Deming Lewis, President	Lehigh University President's Office Bethlehem, PA 18015
Harold S. Mohler, Chairman of the Board	Hershey Foods Corporation Corporate Headquarters 100 Mansion Road East Hewrshey, PA 17033
Dr. Ralph W. Richardson, Jr.	100 Rainlo Street State College, PA 16801
Norman Robertson, Senior Vice President & Chief Economist	Mellon Bank, N.A. Mellon Square Pittsburgh, PA 15230
David L. Tressler, President and Chief Executive Officer	Northeastern Bank of PA Penn Avenue & Spruce Streets Scranton, PA 18503

PRINCIPAL OFFICERS

NAME	ADDRESS
Robert K. Campbell, President and Chief Executive Officer	Two North Ninth St. Allentown, PA 18101
Robert R. Fortune, Executive Vice President, Financial	Two North Ninth St. Allentown, PA 18101
John T. Kauffman, Executive Vice President, Operations	Two North Ninth St. Allentown, PA 18101
Jack R. Calhoun, Senior Vice President, Nuclear	Two North Ninth St. Allentown, PA 18101
Harley L. Collins, Senior Vice President, System Power & Engineering	Two North Ninth St. Allentown, PA 18101
Merlin F. Hertzog, Senior Vice President, Human Resource & Development	Two North Ninth St. Allentown, PA 18101
Leon L. Nonemaker Senior Vice President, Division Operations	Two North Ninth St. Allentown, PA 18101
Gennaro D. Caliendo Vice President and Chief Council, Regulatory Affairs	Two North Ninth St. Allentown, PA 18101
Norman W. Curtis Vice President, Engineering & Construction, Nuclear	Two North Ninth St. Allentown, PA 18101
Charles E. Fuqua, Vice President, Susquehanna Division	P. O. Box 158 Montoursville, PA 17754
Charles J. Green, Vice President Harrisburg Division	1801 BrookWood St., Harrisburg, PA 17104
Bruce D. Kenyon, Vice President, Nuclear Operations	Two North Ninth St. Allentown, PA 18101

Carl R. Maio Vice President, Lehigh Division	R. D. No. 2 Allentown, PA 18106
Grayson E. McNair, Vice President, Consumer & Community Services	Two North Ninth St. Allentown, PA 13101
Edward M. Nagel, Vice President, General Councel & Secretary	Two North Ninth St. Allentown, PA 18101
Herbert D. Nash, Jr. Vice President, Central Division	344 South Poplar St. Hazleton, PA 18201
John E. Roth Vice Presient, Northern Division	600 Larch St. Scranton, PA 18501
Charles E. Russoli Vice President & Treasurer	Two North Ninth St. Allentown, PA 18101
Edward H. Seidler, Vice President, Engineering & Construction, SP&E.	Two North Ninth St. Allentown, PA 18101
Brentwood S. Shunk Vice President, Lancaster Division	1701 Manheim Pike Lancaster, PA 17601
George F. Vanderslice, Vice President &, Comptroller.	Two North Ninth St. Allentown, PA 18101

4. Description of Business of AE:

AE is a non-profit federated cooperative association with fourteen member, distribution cooperatives as listed in Appendix A. Thirteen of its members serve rural areas in Pennsylvania and one serves rural areas in New Jersey. AE is the wholesale power supplier for each of its 14 member distribution cooperatives.

AE's principal place of business is Harrisburg, Pennsylvania.

AE is a non-profit electric cooperative corporation duly organized, validly existing and in good standing under the Electric Cooperative Corporation Act. The Act of June 21, 1937, P.L 1969, 1, et. seq. 15 P.S. 12402 et. seq. and other applicable laws of the Commonwealth of Pennsylvania

and is not owned, controlled or dominated by an alien, foreign corporation or a foreign government.

The names and business addresses of AE's directors and principal officers, all of whom are citizens of the United States, are as follows:

DIRECTORS

NAME	ADDRESS
John Drake	R. D. No. 1 Sayre, PA 18840
Donald Streams	R. D. No. 3 Blairsville, PA 15717
Robert Sterrett	R. D. No. 3 Grove City, PA 16127
John E. Anstadt	Proctor Star Route Williamsport, PA 17701
Myron Ludwick	R. D. No. 3 Sugar Grove, PA 16350
Harris Horn	R. D. No. 2 Dover, PA 17315
Dennis Shaffer	Crystal Springs, PA 15536
Benjamin H. Slick	Roaring Spring, PA 16673
A. D. Stainbrook	R. D. No. 3 Meadville, PA 16335
James L. Henderson	P. O. Box 117 Highland Lakes, NJ 07422
Lloyd L. Dugan, Sr.	P. O. Box 182 Galeton, PA 16922
Robert E. Leonard	P. O. Box 325 Frenchville, PA 16836
Hiram W. Walker	R. D. No. 2 Meyersdale, PA 15501
Don Hill	Warfordsburg, PA 17279
Harold Hines	R. D. No. 1 Cohranton, PA 16314

Principal Officers

Name	Address
James L. Henderson President	P. O. Box 117 Highland Lakes, NJ 07422
Myron Ludwick Treasurer	R. D. No. 3 Sugar Grove, PA 16350
John E. Anstadt Secretary	Proctor Star Route Williamsport, PA 17701
Robert Sterrett	R. D. No. 3 Grove City, PA 16127

5. Participation of Applicants

PL and AE will participate in the operation of Susquehanna SES, Units 1 and 2, under the following arrangements:

The Applicants own Units 1 and 2 as tenants in common, with PL owning an undivided ninety percent (90%) interest and AE owning an undivided ten percent (10%) interest therein.

PL will have absolute authority and discretion for the management, operation and maintenance of Susquehanna SES, and is authorized to act on AE's behalf in such capacities, including the pursuit of required authorizations, permits and licenses from the Nuclear Regulatory Commission.

In almost all circumstances AE will pay 10% of all operating costs of Susquehanna SES and will receive 10% of the capacity and energy of Susquehanna SES.

AE will pay for the operation and maintenance of, and will own a 100% interest in 42.3 miles of the Sunbury-Susquehanna No. 2 500 KV transmission line erected on right of way parcels 7 through 188, inclusive, and a one-third undivided interest in the right of way applicable to these parcels. PL will operate and maintain this line for the account of AE. PL will have the complete and free use of this line so long as either unit of Susquehanna SES is in commercial operation. PL shall provide to AE a transmission service for AE's power produced by Susquehanna SES from Susquehanna SES to PL's points of interconnection with other utilities with which AE has arrangements for the delivery of such power for AE.

6. Class and Period of Licenses Applied for and Use to Which Facilities Will Be Put

The Licenses hereby applied for are Class 103 Operating Licenses as defined by 10 CFR 50.22. They are requested for a period of forty (40) years from the date of issuance of the operating licenses.

The Applicants also apply for such additional source, byproduct and special nuclear material licenses as may be necessary or appropriate to the possession, use and operation of the licensed facilities.

The facilities will be used as a part of PL's and all of AE's electric utility plant for the generation of electric power. The facilities will consist of two complete nuclear power plants each producing approximately 1050 MWE net of electrical power. Each unit will consist of a nuclear steam

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The Sullivan Review
Water Street
Dushore, PA 18614

Suburban Trends
5 Boonton Avenue
Butler, NJ 07405

Middletown Times Herald
Record
40 Mulberry Street
Middletown, NY 10940

Free Press Courier
129 Main Street
Westfield, PA 16950

Leader Vindicator
435 Broad Street
New Bethlehem, PA 16242

Forest Press
Elm Street
Tionesta, PA 18657

Tunkhannock New Age
Tunkhannock, PA 18657

The Albion News
16 Market Street
Albion, PA 16401

Canneaut Lake Breeze
138 Erie Street
Linesville, PA 16424

Conneuativille Courier
Main Street
Conneautiville, PA 16406

The Linesville Herald
138 Erie Street
Linesville, PA 16424

Canton Independent-Sentinel
18 Truly Street
Canton, PA 17724

Elkland Journal
221 East River Street
Elkland, PA 16920

Sunday Patriot News
P. O. Box 481
York, PA 17401

Valley Times Star
51 S. Big Spring Avenue
Newville, PA 17291

Meyersdale Republican
301 North Street
Meyersdale, PA 15552

The Clarion News
645 Main Street
Clarion, PA 16214

Jeffersonian Democrat
Main Street
Brookville, PA 15825

Reynoldsville Star
Reynoldsville, PA 15851

Brockway Record
Brockway, PA 15853

Ridgway Record
Ridgway, PA 15853

Fulton County Democrate
Lincoln Way East
McConnellsburg, PA 17233

The Sellinsgrove Time Tribune
103 South Market Street
Muncy, PA 17870

Oakland Republican
Oakland, MD 04963

Johnstown Tribune Democrate
Somerset Bureau of
Johnstown
113 South Center Avenue
Somerset, PA 15501

Progress News
Emlenton, PA 16373

Troy Gazette-Register
11 Canton Street
Troy, PA 16947

Reporter-Argus
Log Maple Street
Port Allegany, PA 16743

The Sunday Dispatch
109 New Street
Pittston, PA 18641

The White Haven Journal
211 Main Street
White Haven, PA 18661

The Luminary
113 South Main Street
Muncy, PA 17756

Mountain Top Eagle
Mt. View Bldg.
P. O. Box 10
Mountain Top, PA 18707

The Weatherly Herald
31 Wilbur Street
Weatherly, PA 18255

The Union County Journal
Box 337
Lewisburg, PA 17837

The Abington Journal
P. O. Box 117
Clark Summit, PA 18411

10. Communication:

PL will be solely responsible for communications with the Nuclear Regulatory Commission related to Susquehanna SES. Accordingly, all communications to PL and AE pertaining to Susquehanna SES should be sent to:

Mr. Norman W. Curtis
Vice President - Engineering and Construction, Nuclear
Pennsylvania Power & Light Company
Two North Ninth Street
Allentown, PA 18101

Copies of all such communications should be sent to:

Edward M. Nagel, Esquire
Vice President, General Counsel and Secretary
Pennsylvania Power & Light Company
Two North Ninth Street
Allentown, PA 18101

Jay E. Silberg, Esquire
Shaw, Pittman, Potts & Trowbridge
1800 M. Street, N.W.
Washington, DC 20036

William E. Barberich
Manager-Nuclear Licensing
Pennsylvania Power & Light Company
Two North Ninth Street
Allentown, PA 18101

PENNSYLVANIA POWER & LIGHT COMPANY

by _____

Norman W. Curtis
Vice President-Engineering
and Construction, Nuclear

APPENDIX A

MEMBERS OF Allegheny Electric Cooperative

Adams Electric Cooperative, Inc.
P. O. Box 130
Gettysburg, PA 17325

Bedford Rural Electric Cooperative, Inc.
P. O. Box 335
Bedford, PA 15522

Central Electric Cooperative, Inc.
P. O. Box 329
Parker, PA 16049

Claverack Rural Electric Cooperative, Inc.
Towanda, PA 18848

New Enterprise Rural Electric Cooperative, Inc.
New Enterprise, PA 16664

Northwestern Rural Electric Cooperative
Association, Inc.
R. D. No. 1
Cambridge Springs, PA 16403

Valley Rural Electric Cooperative, Inc.
P. O. Box 477
Huntingdon, PA 16652

Somerset Rural Electric Co-op, Inc.
127 E. Fairview Street
Somerset, PA 15501

Southwest Central Rural Electric Cooperative, Inc.
P. O. Box 70, Airport Rd., R. D. No. 4
Indiana, PA 15701

Sullivan County Rural Electric Cooperative, Inc.
Forksville, PA 18616

Sussex Rural Electric Cooperative
22 E. Main Street
Sussex, NJ 07461

Tri-County Rural Electric Cooperative, Inc.
22 N. Main Street
Mansfield, PA 16933

United Electric Cooperative, Inc.
P. D. No. 2, P. O. Box 688
DuBois, PA 15801