

BEFORE THE
UNITED STATES NUCLEAR REGULATORY COMMISSION

Docket Nos. 50-522
50-523

In the Matter of
PUGET SOUND POWER & LIGHT COMPANY, ET. AL.

APPLICATION

for

CONSTRUCTION PERMITS

and

OPERATING LICENSES

for

SKAGIT NUCLEAR POWER PROJECT, UNITS 1 AND 2

7907060201

-i-

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Amendment 4
June 1979

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BEFORE THE
UNITED STATES NUCLEAR REGULATORY COMMISSION

In the Matter of

PUGET SOUND POWER & LIGHT COMPANY,)	
ET. AL. (SKAGIT NUCLEAR POWER PROJECT,)	Docket Nos. 50-522
UNITS 1 AND 2)	50-523

APPLICATION

PUGET SOUND POWER & LIGHT COMPANY hereby applies to the UNITED STATES NUCLEAR REGULATORY COMMISSION under the Atomic Energy Act of 1954, as amended, for (i) construction permits and 40-year class 103 licenses to construct and operate a nuclear power plant at a site located in Skagit County, State of Washington, approximately five miles northeast of the City of Sedro Woolley, with two electrical generating units and two nuclear reactors, each with a licensed core thermal power level of 3800 Mwt, to be known as the SKAGIT NUCLEAR POWER PROJECT, UNITS 1 AND 2, (hereinafter called the "Project"), and (ii) appropriate source, by-product and special nuclear material licenses for the Project.¹

1. This application (see Section o) also includes a request for issuance of a limited work authorization for the Project pursuant to 10 CFR 50.10 (e) (1) authorizing performance of the work described in Exhibit H prior to issuance of the construction permit.

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GENERAL INFORMATION

In support of this application, Puget Sound Power & Light Company submits the following information (references in parentheses are to sections or appendices of 10 CFR Part 50, unless otherwise noted):

a. Name of Applicants (Sec. 50.33(a))

The lead Applicant is PUGET SOUND POWER & LIGHT COMPANY (hereinafter sometimes called "Puget"), acting for itself as owner of an undivided interest in the Project and as agent for the three other Applicants, PACIFIC POWER & LIGHT COMPANY (hereinafter sometimes called "Pacific"), THE WASHINGTON WATER POWER COMPANY (hereinafter sometimes called "Water Power"), and PORTLAND GENERAL ELECTRIC COMPANY (hereinafter sometimes called "Portland"), each of which will also own an undivided interest in the Project.

b. Address of Applicants (Sec. 50.33(b))

The address of Puget Sound Power & Light Company is:

Puget Power Building
Bellevue, Washington 98009

The address of Pacific Power & Light Company is:

920 S.W. Sixth Avenue
Portland, Oregon 97204

The address of The Washington Water Power Company is:

E. 1411 Mission Avenue
Spokane, Washington 99202

The address of Portland General Electric Company is:

121 S. W. Salmon Street
Portland, Oregon 97204

c. Description of Business of Applicants (Sec. 50.33(c))

The Applicants are investor-owned utilities. The business of each Applicant is further described in its annual report for 1978, which is included in the exhibits to this Application.

d. (3) (i) (Sec. 50.33(d) (3) (i))

Puget Sound Power & Light Company is an investor-owned utility incorporated in the State of Washington and maintaining its principal office at Puget Power Building, Bellevue, Washington 98009.

Pacific Power & Light Company is an investor-owned utility incorporated in the State of Maine and maintaining its principal office at 920 S.W. Sixth Avenue, Portland, Oregon 97204.

The Washington Water Power Company is an investor-owned utility incorporated in the State of Washington and maintaining its principal office at P. 1411 Mission Avenue, Spokane, Washington 99202.

Portland General Electric Company is an investor-owned utility incorporated in the State of Oregon and maintaining its principal office at 121 S.W. Salmon Street, Portland, Oregon 97204.

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d. (3) (ii) (Sec. 50.33(d) (3) (ii))

The names and addresses of the directors and the principal officers of Puget Sound Power & Light Company, all of whom are citizens of the United States, are:

Directors

Ralph M. Davis Chairman	Puget Sound Power & Light Company Puget Power Building Bellevue, Washington 98009
Charles W. Bingham	Weyerhaeuser Company Tacoma, Washington 98477
John H. Dunkak, III	Georgia Pacific Corporation Bellingham Division P.O. Box 1236 Bellingham, Washington 98225
John W. Ellis	Puget Sound Power & Light Company Puget Power Building Bellevue, Washington 98009
Francis J. Herb	416 Bellingham National Bank Bldg. Bellingham, Washington 98225
John H. King	Puget Sound Power & Light Company Puget Power Building Bellevue, Washington 98009
John N. Nordstrom	Nordstrom, Inc. 1501 Fifth Avenue Seattle, Washington 98101
Robert D. O'Brien	PACCAR, Inc. Post Office Box 1518 Bellevue, Washington 98009
Irvine B. Rabel	Star Machinery Company 241 South Lander Street Seattle, Washington 98134
Ralph W. L. Stormans	Ralph's Thriftway Store 1908 East Fourth Avenue Olympia, Washington 98506

Officers

John W. Ellis President & Chief Executive Officer	Puget Power Building Bellevue, Washington 98009
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Officers

Ralph M. Davis Chairman of the Board	Puget Power Building Bellevue, Washington 98009
Kennedy B. Cox Vice President-Human Resources	Puget Power Building Bellevue, Washington 98009
Robert W. Evans Vice President-Divisions and Customer Services	Puget Power Building Bellevue, Washington 98009
W. J. Ferguson Vice President-Engineering and Construction	Puget Power Building Bellevue, Washington 98009
Lawrence E. Hall Vice President-Public Affairs	Puget Power Building Bellevue, Washington 98009
John H. King Vice President-Finance and Treasurer	Puget Power Building Bellevue, Washington 98009
David H. Knight Vice President-Power Supply	Puget Power Building Bellevue, Washington 98009
Richard F. Whaley Vice President and Controller	Puget Power Building Bellevue, Washington 98009
Robert C. Wing Vice President-Corporate Planning	Puget Power Building Bellevue, Washington 98009
Wilbur E. Watson Secretary	Puget Power Building Bellevue, Washington 98009

The names and addresses of the directors and the principal officers of Pacific Power & Light Company, all of whom are citizens of the United States, are:

Directors

C. M. Bishop, Jr.	Pendleton Woolen Mills 218 S.W. Jefferson Portland, Oregon 97201
Don C. Frisbee	Pacific Power & Light Company 920 S.W. Sixth Avenue Portland, Oregon 97204

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Directors

Clifford P. Hansen	P.O. Box 448 Jackson, Wyoming 83001
Stanley K. Hathaway	Hathaway, Speight and Kunz 2424 Pioneer Avenue Cheyenne, Wyoming 82001
Betty E. Hawthorne	Dean, School of Home Economics Oregon State University Corvallis, Oregon 97331
Conrad F. Lundgren	844 Woodland Avenue Kalispell, Montana 59901
John McGregor	McGregor Feedlot P.O. Box 607 Pasco, Washington 99301
Louis B. Perry	Standard Insurance Company P.O. Box 711 Portland, Oregon 97207
Kenneth W. Self	17555 S. Upper Cherry Lane Lake Oswego, Oregon 97034
Eugene L. Shields	Shields Bag & Printing Company P.O. Box 9848 Yakima, Washington 98909
A. W. Sweet	Western Bank P.O. Box 1099 Coos Bay, Oregon 97420
Howard Vollum	Tektronix, Inc. P.O. Box 500 Beaverton, Oregon 97077
Roy A. Young	Chancellor University of Nebraska-Lincoln Lincoln, Nebraska 68588

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Officers

Don C. Frisbee Chairman of the Board	Pacific Power & Light Company 920 SW Sixth Avenue Portland, Oregon 97204
G. E. Drennan President and Executive Officer - Elec. Operations	Pacific Power & Light Company 920 SW Sixth Avenue Portland, Oregon 97204
Allan C. Bartholomew Senior Vice President	Pacific Power & Light Company 920 SW Sixth Avenue Portland, Oregon 97204

Officers

John H. Geiger Senior Vice President and Chief Financial Officer	Pacific Power & Light Company 920 SW Sixth Avenue Portland, Oregon 97204
Robert W. Moench Senior Vice President	Pacific Power & Light Company 920 SW Sixth Avenue Portland, Oregon 97204
Fredric D. Reec Vice President	Pacific Power & Light Company 920 SW Sixth Avenue Portland, Oregon 97204
Warne Nunn Corporate Secretary	Pacific Power & Light Company 920 SW Sixth Avenue Portland, Oregon 97204
Karl Hoffmann Treasurer	Pacific Power & Light Company 920 SW Sixth Avenue Portland, Oregon 97204

The names and addresses of the directors and the principal officers of The Washington Water Power Company, all of whom are citizens of the United States, are:

Directors

Rodney G. Allen	Attorney-at-Law Lakeville, Connecticut 06039
A. L. Barnes (retired)	General Delivery Hayden Lake, Idaho 83835
Duane B. Hagadone	President, Hagadone Newspapers Hagadone Building Coeur d'Alene, Idaho 83814
James B. McMonigle	Box 877 Lewiston, Idaho 83501
James A. Poore, Jr.	Poore, McKenzie & Roth 298 146 4th Floor, Silver Bow Block Butte, Montana 59701
William A. Lowry	The Washington Water Power Company E. 1411 Mission Avenue Spokane, Washington 99202
Mrs. Margaret C. Ross	West 3202 Grandview Spokane, Washington 99204

Directors

Wendell J. Satre	The Washington Water Power Company E. 1411 Mission Avenue Spokane, Washington 99202
Eugene Thompsor	Route #1, Box 56 Moscow, Idaho 83843

Officers

Wendell J. Satre Chairman of the Board Chief Executive Officer & President	E. 1411 Mission Avenue Spokane, Washington 99202
William A. Lowry Executive Vice President	E. 1411 Mission Avenue Spokane, Washington 99202
Donald M. Oliason Vice President & General Division Mgr.	E. 1411 Mission Avenue Spokane, Washington 99202
Jeremiah P. Buckley Vice President & Secretary	E. 1411 Mission Avenue Spokane, Washington 99202
Harold W. Harding Vice President-Power Supply	E. 1411 Mission Avenue Spokane, Washington 99202
Donald L. Olson Vice President-Engineering, Construction, Purchasing & Stores	E. 1411 Mission Avenue Spokane, Washington 99202
James M. Coombs Vice President-Finance	E. 1411 Mission Avenue Spokane, Washington 99202
R. J. Clizbe Vice President-Personnel & Administrative Services	E. 1411 Mission Avenue Spokane, Washington 99202
Robert T. McLendon Vice President-Gas Supply	E. 1411 Mission Avenue Spokane, Washington 99202
H. E. Odean Treasurer	E. 1411 Mission Avenue Spokane, Washington 99202
Paul A. Redmond Vice President and Assistant to the President	E. 1411 Mission Avenue Spokane, Washington 99202

The names and addresses of the directors and the principal

officers of Portland General Electric Company, all of whom are citizens of the United States, are:

Directors

Warren W. Braley	9155 S.W. Canyon Road Portland, Oregon 97225
William E. Love	Chief Executive Officer Equitable Savings & Loan Association Portland, Oregon 97201
Ernest H. Miller	President Mortgage Bancorporation P.O. Box 230 Salem, Oregon 97308
Wade Newbegin, Sr.	President R. M. Wade & Co. P.O. Box 8769 Portland, Oregon 97208
Robert W. Roth	President Jantzen, Inc. P.O. Box 3001 Portland, Oregon 97208
John L. Schwabe	Partner Souther, Spaulding, Kinsey, Williamson & Schwabe Standard Plaza Portland, Oregon 97204
Robert H. Short	Executive Vice President Portland General Electric Company 121 S.W. Salmon Street Portland, Oregon 97205
Eberly Thompson	2542 S.W. Hillcrest Drive Portland, Oregon 97201
W. T. Triplett, Jr.	President Baza'r, Inc. 1845 S.E. 3rd Avenue Portland, Oregon 97214
James J. Walton	330 Candalaria Blvd., S. Salem, Oregon 97302
Earl Wantland	President Tektronix, Inc. P.O. Box 500 Beaverton, Oregon 97005

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Directors

Frank M. Warren	President Portland General Electric Company 121 S.W. Salmon Street Portland, Oregon 97205
William W. Wessinger	Chairman of the Board Blitz-Weinhard Co. 1133 W. Burnside Street Portland, Oregon 97209
Robert J. Wilhelm	President Wilhelm Tracking Company 3250 N.W. St. Helens Rd. Portland, Oregon 97210
Ralph E. Williams	Room 333, North Pacific Building 917 S.W. Oak Street Portland, Oregon 97205

Officers

Frank M. Warren Chairman of the Board	121 S.W. Salmon Street Portland, Oregon 97205
Robert H. Short President	121 S.W. Salmon Street Portland, Oregon 97205
J. L. Williams Executive Vice President	121 S.W. Salmon Street Portland, Oregon 97205
Glen E. Bredemeier Vice President	121 S.W. Salmon Street Portland, Oregon 97205
James W. Durhan Vice President and General Counsel	121 S.W. Salmon Street Portland, Oregon 97205
K. L. Harrison Vice President and Chief Financial Officer	121 S.W. Salmon Street Portland, Oregon 97205
D. E. Heider Vice President	121 S.W. Salmon Street Portland, Oregon 97205
C. L. Heinrich Vice President	1621 S.W. Salmon Street Portland, Oregon 97205
C. W. June Vice President	121 S.W. Salmon Street Portland, Oregon 97205
William J. Lindblad Vice President	121 S.W. Salmon Street Portland, Oregon 97205

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Officers

H. H. Phillips Vice President, Corporate Counsel and Secretary	121 S.W. Salmon Street Portland, Oregon 97205
Estes Snedecor, Jr. Vice President	121 S.W. Salmon Street Portland, Oregon 97205
F. D. Wieden Vice President	121 S.W. Salmon Street Portland, Oregon 97205
E. F. Wildfong Vice President	121 S.W. Salmon Street Portland, Oregon 97205
James N. Woodcock Vice President and Treasurer	121 S.W. Salmon Street Portland, Oregon 97205
James L. Staines Controller	121 S.W. Salmon Street Portland, Oregon 97205

d. (3) (iii) (Sec. 50.33(d) (3) (iii))

Neither Puget Sound Power & Light Company, nor Pacific Power & Light Company, nor The Washington Water Power Company, nor Portland General Electric Company is owned, controlled or dominated by an alien, a foreign corporation, or foreign government.

d. (4) (Sec. 50.33(d) (4))

Puget Sound Power & Light Company is acting on its own behalf and as agent for Pacific Power & Light Company, The Washington Water Power Company, and Portland General Electric Company.

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e. (Sec. 50.33(e))

Puget, acting for itself and as agent for the other owners of the Project, requests (i) construction permits and 40-year class 103 licenses to construct and operate the Project and (ii)

appropriate source, by-product and special nuclear material licenses for the Project.

The Project will be used to supply electric energy to meet the needs of Puget's customers and the customers of the other owners of the Project, as well as the needs of the Pacific Northwest region generally. Each owner of a percentage of the Project will own and control a like percentage of the electric output of the project.

On January 5, 1977 Puget obtained site certification for the Project from the State of Washington.

f. Financial Qualifications (Sec. 50.33(f) and Appendix C)

Puget, the originator and sponsor of the Project, will retain an ownership interest in the Project of 40%. Puget has offered the remaining ownership interest in the Project to other utilities in the Pacific Northwest region, both investor and publicly owned, and to the Washington Public Power Supply System, a joint operating agency and municipal corporation of the State of Washington. Puget, Pacific Power & Light Company, The Washington Water Power Company, and Portland General Electric Company have entered into a preliminary agreement, dated January 23, 1976, under which they will share the ownership of the Project on a joint-ownership basis as tenants in common, with the undivided ownership share of each being as follows:

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	<u>Percentage Ownership Unit 1</u>	<u>Percentage Ownership Unit 2</u>
Puget Sound Power & Light Company	40	40
Portland General Electric Company	30	30
Pacific Power & Light Company	20	20
The Washington Water Power Company	<u>10</u>	<u>10</u>
TOTAL	100	100

A copy of said preliminary agreement is included in this application as Exhibit A. Each owner will pay its ownership percentage of the cost of constructing the Project and bear its ownership percentage of all obligations and liabilities in connection with the Project. The owners will enter into a definitive Project ownership agreement, which, when completed, will be filed with the Commission.

Puget estimates that the total cost of constructing the Project, including AFDC and contingencies to a 1986 commercial operation date for Unit 1 and a 1988 commercial operation date for Unit 2, will be \$2,869,600,000. A breakdown of this estimate and a statement describing the bases from which the estimate is derived are included in Exhibit B.

Statements describing each owner's general financial plan for financing its ownership share of the Project and identifying the sources upon which it relies for the necessary construction funds are included in the following exhibits:

Exhibit

Owner

C
D

Puget Sound Power & Light Company
Pacific Power & Light Company

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E	The Washington Water Power Company
F	Deleted
G	Portland General Electric Company

These exhibits also include each owner's latest published annual financial report. These exhibits show that each owner possesses the funds necessary to cover its share of the estimated construction costs and related fuel cycle costs or has reasonable assurance of obtaining the necessary funds, or a combination of the two.

h. (Sec. 50.33(h))

The earliest and latest dates for completion of construction of the Project are as follows:

	<u>Earliest Date</u>	<u>Latest Date</u>
Unit 1	January 15, 1986	January 15, 1988
Unit 2	January 15, 1988	January 15, 1990

The latest dates for completion of construction are specified for purposes of duration of the construction permits in the event of unforeseen contingencies.

i. (Sec. 50.33(i))

The Federal Energy Regulatory Commission, 825 North Capitol Street, N.E., Washington, D.C. 20002, has jurisdiction over the rates and services and/or certain other matters with respect to the owners of the Project, as do or may the following state regulatory agencies, as noted respectively hereinafter:

Puget Sound Power & Light Company	(1) Washington Utilities and Transportation Commission Highway-Licenses Building Olympia, Washington 98504
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Pacific Power & Light
Company

- (2) Public Service Commission of
Montana
1227 - 11th Avenue
Helena, Montana 59601
- (3) Public Utility Commissioner
of Oregon
Public Service Building
Salem, Oregon 97301
- (1) California Public Utilities
Commission
State Building, Civic Center
San Francisco, California 94102
- (2) Public Utility Commissioner
of Oregon
Public Service Building
Salem, Oregon 97301
- (3) Washington Utilities and
Transportation Commission
Highway-Licenses Building
Olympia, Washington 98504
- (4) Public Service Commission
of Montana
1227 - 11th Avenue
Helena, Montana 59601
- (5) Idaho Public Utilities
Commission
State House
Boise, Idaho 83720

The Washington Water Power
Company

- (6) Wyoming Public Service
Commission
217 Supreme Court Building
Cheyenne, Wyoming 82001
- (1) Washington Utilities &
Transportation Commission
Highway-Licenses Building
Olympia, Washington 98504
- (2) Idaho Public Utilities
Commission
State House
Boise, Idaho 83720
- (3) Public Service Commission
of Montana
1227 - 11th Avenue
Helena, Montana 59601

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Portland General Electric
Company

(1) Public Utility Commissioner of
Oregon
Public Service Building
Salem, Oregon 97301

The trade and news publications which circulate in the area where the Project will be conducted and which are appropriate to given reasonable notice of this application to those municipalities, private utilities, public bodies and cooperatives which might have a potential interest in participating in the Project are:

Skagit Valley Herald
P.O. Box 578
Mount Vernon, Washington 98273

Mount Vernon Argus
P.O. Box 739
Mount Vernon, Washington 98273

Sedro Woolley Courier Times
Sedro Woolley, Washington 98284

Concrete Herald
P.O. Box 128
Concrete, Washington 98237

Anacortes American
P.O. Box 39
Anacortes, Washington 98221

LaConner Puget Sound Mail
LaConner, Washington 98257

Bellingham Herald
P.O. Box 1277
Bellingham, Washington 98225

Aberdeen Daily World
315 S. Michigan
Aberdeen, Washington 98520

Seattle Times
P.O. Box 70
Seattle, Washington 98111

Everett Herald
P.O. Box 930
Everett, Washington 98201

Bellevue American
P.O. Box 310
Bellevue, Washington 98009

Walla Walla Union Bulletin
First & Poplar Streets
Walla Walla, Washington 99362

The Idaho Statesman
300 N. 6th Street
Boise, Idaho 83702

Yakima Herald Republic
114 N. 4th Street
Yakima, Washington 98901

Seattle Post-Intelligencer
521 Wall Street
Seattle, Washington 98121

Portland Daily Journal of
Commerce
2014 N.W. 24th Avenue
Portland, Oregon 97200

Siskiyou Daily News
310 South Broadway
Eureka, California 96097

Star-Tribune
111 S. Jefferson Street
Casper, Wyoming 92601

Tri-City Herald
107 N. Cascade
Kennewick, Washington 99336

The Oregonian
1320 SW Broadway
Portland, Oregon 97201

Spokesman Review
W. 927 Riverside
Spokane, Washington 99201

Daily Journal of Commerce
83 Columbia Street
Seattle, Washington 98104

Centralia Daily Chronicle
P.O. Box 580
Centralia, Washington 98531

Daily Olympian
State Avenue & Capitol Way
Olympia, Washington 98501

The Salem Capitol Journal
P.O. Box 231
Salem, Oregon 97310

The Bulletin of Northwest
Public Power Association
P.O. Box 1307
Vancouver, Washington 98660

NELPA News
Northwest Electric Light
and Power Association
220 Mohawk Building
Portland, Oregon 97204

The East Oregonian
P.O. Box 1089
Pendleton, Oregon 97801

Tacoma News Tribune
711 St. Helens Avenue
Tacoma, Washington 98401

Daily Inter Lake
300 First Avenue W.
Kalispell, Montana 59901

Cheyenne Tribune
110 East 17th Street
Cheyenne, Wyoming 82001

Daily Argus Observer
310 SW 5th Avenue
Ontario, Oregon 97914

Times-News
132 - 3rd Street West
Twin Falls, Idaho 83301

Idaho State Journal
305 South Arthur
Pocatello, Idaho 83201

The Oregon Journal
1330 SW Broadway
Portland, Oregon 97201

Northwest Ruralite
P.O. Box 1731
Portland, Oregon 97204

Oregon Progress
Oregon Department of Economic
Development
Loyalty Building
Portland, Oregon 97204

Puget believes that all municipalities, private utilities, public bodies and cooperatives engaged in the distribution of electrical energy in the region are aware of Puget's intention to file this application for the Project.

j. (Sec. 50.33(j) and Sec. 50.37)

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No Restricted Data or other defense information (classified)

information) is contained or involved in this application and it is not expected that any will become involved. However, in the event that it does, the Applicants will appropriately segregate and safeguard such information and will not permit any individual to have access to Restricted Data until the United States Civil Service Commission shall have made an investigation and report to the NRC on the character, associations and loyalty of such individual, and the NRC shall have determined that permitting such person to have access to Restricted Data will not endanger the common defense and security.

k. (Sec. 50.33a and Appendix L)

The information required by 10 CFR 50.33a and 10 CFR Part 50, Appendix L, Information Requested by the Attorney General for Antitrust Review, was originally submitted in connection with this application for each entity then contemplating an ownership interest in the Project: Puget Sound Power & Light Company, Pacific Power & Light Company, The Washington Water Power Company, the Washington Public Power Supply System, and Idaho Power Company. Thereafter Idaho Power Company decided not to participate in the Project. Subsequently, the antitrust review was completed and the results of this review were set forth in a letter of advice from the Attorney General of the United States to the Commission dated March 21, 1975. Thereafter the Washington Public Power Supply System decided not to participate in the Project at this time, and on January 23, 1976, Portland General Electric Company agreed to participate in the Project.

The Information Requested By The Attorney General For Antitrust Review relating to Portland General Electric Company was submitted by that utility in connection with its application for construction permits for the Pebble Springs Nuclear Plant, Units 1 and 2, Docket Nos. 50-514 and 50-515. The antitrust review of that application has been completed and the results of this review were set forth in a letter of advice from the Attorney General of the United States to the Commission dated September 26, 1974.

l. (Sec. 50.30(f) and Appendix D)

Puget has previously submitted with this application the Applicant's Environmental Report, Construction Permit Stage, pursuant to 10 CFR 50.30(f) and 10 CFR Part 50, Appendix D.

m. (Sec. 50.34)

Puget has previously submitted with this application, its Preliminary Safety Analysis Report for the Project, pursuant to 10 CFR 50.34.

n.

It is requested that all notices, orders, and other communications in connection with this application be mailed or delivered to:

Manager, Nuclear Licensing and Safety
Puget Sound Power & Light Company
Puget Power Building
Bellevue, Washington 98009
(206) 454-6363

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and, in addition, that copies thereof be mailed or delivered to:

Perkins, Coie, Stone, Olsen & Williams
Attention: F. Theodore Thomsen
1900 Washington Building
Seattle, Washington 98101
(206) 682-8770
Attorneys for Applicant

and

Lowenstein, Newman, Reis, Axelrad & Toll
Attention: Robert Lowenstein
Suite 1214
1025 Connecticut Avenue N.W.
Washington, D.C. 20036
(202) 833-8371
Of Counsel for Applicant

o.

Puget requests that the Commission issue a Limited Work Authorization for the Project pursuant to 10 CFR 50.10(e)(1) authorizing performance of the work described in Exhibit H prior to issuance of the construction permit.

WHEREFORE, Puget Sound Power & Light Company requests that the Commission issue (i) construction permits and 40-year class 103 licenses authorizing Puget to construct and operate the Project and (ii) such by-product, source, and special nuclear material licenses as may be appropriate for the Project.

DATED this 29th day of June, 1979.

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PUGET SOUND POWER & LIGHT COMPANY

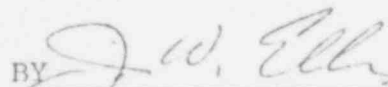
BY 
J. W. Ellis
President

EXHIBIT B
PROJECT CONSTRUCTION COSTS
PLANT CAPITAL INVESTMENT
SUMMARY

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SKAGIT UNITS 1 & 2
PROJECT COST ESTIMATE

MILLIONS \$

PLANT	2092.2
TRANSMISSION	19.3
FUEL	155.3
ESCALATION	<u>819.8</u>
TOTAL	3086.6

NOTES:

1. LWA September 1979
2. Commercial Operation September 1986 and September 1988
3. Base Estimate in January 1979 Dollars
4. Escalation at 7% Compounded Through Completion
5. Excludes AFDC

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PLANT CAPITAL INVESTMENTSUMMARYBASIC DATA

Name of Plant	<u>Skagit 2</u>	Cost basis: <u>at start of construction</u>	
Net capacity	<u>1288 MW(e)</u>		
Reactor Type	<u>BWR-6 Mark III</u>		
Location	<u>Sedro Woolley, WA</u>	Type of cooling	
		Run of river	
<u>Design and construction period</u>		Natural draft	
Month, year NSSS order placed	<u>December 1973</u>	cooling towers	<u>X</u>
Month, year of commercial operation	<u>September 1988</u>	Mechanical draft cooling towers	
Length of workweek	<u>40 hours</u>	Other (describe)	
Interest rate, interest during construction	<u>8.5% simple</u>		

COST SUMMARY

<u>Account Number</u>	<u>Account Title</u>	<u>Total Cost</u> (thousand dollars)
<u>DIRECT COSTS</u>		
20	Land and land rights.....	\$ <u>0</u>
<u>PHYSICAL PLANT</u>		
21	Structures and site facilities....	204,937
22	Reactor plant equipment.....	229,308
23	Turbine plant equipment.....	167,642
24	Electric plant equipment.....	60,189
25	Misc. plant equipment.....	9,600
	Subtotal.....	\$ 671,676
	Spare parts allowance.....	2,300
	Contingency allowance.....	incl.
	Subtotal.....	\$ <u>673,976</u>
<u>INDIRECT COSTS</u>		
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91	Construction facilities, equip't, and services.....	\$ 108,070
92	Engineering and const. mg't. services.....	70,440
93	Other costs.....	36,846
94	Interest during construction.....	283,118
	Subtotal.....	\$ <u>498,474</u>
	Start of construction cost.....	\$1,172,450
	*Escalation during construction (7% yr.).....	582,150
	Total plant capital investment (\$1600KW)	<u>\$1,754,600</u>

*Indicate separate escalation rates for site labor, site materials, and for purchased equipment, if applicable.

PLANT CAPITAL INVESTMENTSUMMARYBASIC DATA

Name of Plant	<u>Skagit 1</u>	Cost basis: <u>at start of construction</u>	
Net capacity	<u>1288 MW(e)</u>		
Reactor Type	<u>BWR-6 Mark III</u>		
Location	<u>Bedro Woolley, WA</u>	Type of cooling	
		Run of river	
<u>Design and construction period</u>		Natural draft	
Month, year NSSS order placed	<u>December 1973</u>	cooling towers	X
Month, year of commercial operation	<u>September 1986</u>	Mechanical draft	
Length of workweek	<u>40 hours</u>	cooling towers	
Interest rate, interest during construction	<u>8.5% simple</u>	Other (describe)	

COST SUMMARY

<u>Account Number</u>	<u>Account Title</u>	<u>Total Cost</u> (thousand dollars)
<u>DIRECT COSTS</u>		
20	Land and land rights.....	\$ 4,200
<u>PHYSICAL PLANT</u>		
21	Structures and site facilities....	306,724
22	Reactor plant equipment.....	219,606
23	Turbine plant equipment.....	150,895
24	Electric plant equipment.....	75,575
25	Misc. plant equipment.....	14,540
	Subtotal.....	\$ 767,340
	Spare parts allowance.....	4,600
	Contingency allowance.....	incl.
	Subtotal.....	\$ 771,940
<u>INDIRECT COSTS</u>		
91	Construction facilities, equip't, and services.....	\$ 133,964
92	Engineering and const. mg't. services.....	198,688
93	Other costs.....	94,080
94	Interest during construction.....	494,285
	Subtotal.....	\$ 921,017
	Start of construction cost.....	\$1,697,157
	*Escalation during construction (7% yr.).....	374,676
	Total plant capital investment	298 163
	(\$1600KW)	\$2,071,833

*Indicate separate escalation rates for site labor, site materials, and for purchased equipment, if applicable.

EXHIBIT C

Puget Sound Power & Light Company will obtain funds necessary to cover the estimated construction costs and related fuel costs from internally generated funds, short term bank borrowings, sale of equity securities and sale of first mortgage bonds. Portions of the Project may be financed through leasing of certain components or project financing, as appropriate. Puget's most recent annual report, containing comparative balance sheets and statements of income, is included in this exhibit.

298 164

Amendment 4
June 1979

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EXHIBIT D

Pacific Power & Light Company will finance its share of the Project in the same manner as the balance of its construction program, that is through internally generated funds, short term borrowing, proceeds from First Mortgage Bonds and sale of equity securities.

298 166

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EXHIBIT E

The Washington Water Power Company (Water Power) will obtain funds necessary to cover the estimated construction costs from internally-generated funds, bank borrowings, sale of equity securities and sale of first mortgage bonds. Water Power's most recent annual report, containing comparative balance sheets and statements of income is included in this exhibit.

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EXHIBIT G

Portland General Electric Company will obtain funds necessary to cover the estimated construction costs and related fuel costs from internally generated funds, bank loans and the sale of long-term debt and equity except that portions may be financed through lease or other arrangements.

298 170

Amendment 4
June 1979

EXHIBIT G

Portland General Electric Company will obtain funds necessary to cover the estimated construction costs and related fuel costs from internally generated funds, bank loans and the sale of long-term debt and equity except that portions may be financed through lease or other arrangements.

298 171

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June 1979

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