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December 3, 2007

Via Electronic Mail and U.S. Mail

Public Utility Commission
Attn: Filing Center
550 Capitol St. NE #215
P.O. Box 2148
Salem OR 97308-2148

Re: In the Matter of PORTLAND GENERAL ELECTRIC COMPANY
Application to Amortize the Boardman Deferral.
Docket No. UE 196

Dear Filing Center:

Enclosed please find the original Protective Order Signatory Page of John R. Martin on behalf of the Industrial Customers of Northwest Utilities ("ICNU") in the above-captioned Docket. ICNU identifies Mr. Martin as qualified under Paragraphs 3(e) and 10 the Protective Order. His address is as follows:

John R. Martin
President
Pacific Energy Systems, Inc.
15160 SW Laidlaw Road, Suite 110
Portland, OR 97229

Also attached is the information for Mr. Martin pursuant to Paragraph 10 of the Protective Order.

Thank you for your assistance.

Sincerely,

/s/ Christian Griffen
Christian W. Griffen

Enclosures
cc: Service List

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that I have this day served the foregoing Protective Order Signatory Page of the Industrial Customers of Northwest Utilities upon the parties, on the official service list shown below for UE 196, via U.S. Mail and electronic mail.

Dated at Portland, Oregon, this 3rd day of December, 2007.

/s/ Christian Griffen
Christian W. Griffen

CITIZENS' UTILITY BOARD OF OREGON
LOWREY R BROWN
JASON EISDORFER
ROBERT JENKS
610 SW BROADWAY - STE 308
PORTLAND OR 97205
lowrey@oregoncub.org
jason@oregoncub.org
bob@oregoncub.org

DEPARTMENT OF JUSTICE
STEPHANIE S ANDRUS
REGULATED UTILITY & BUSINESS SECTION
1162 COURT ST NE
SALEM OR 97301-4096
stephanie.andrus@state.or.us


PORTLAND GENERAL ELECTRIC
DOUGLAS C TINGEY
121 SW SALMON 1WTC13
PORTLAND OR 97204
doug.tingey@pgn.com

PORTLAND GENERAL ELECTRIC
PATRICK HAGER
RATES & REGULATORY AFFAIRS
121 SW SALMON ST 1WTC0702
PORTLAND OR 97204
pge.opuc.filings@pgn.com

SIGNATORY PAGE
UE 196

III. Persons Qualified pursuant to Paragraph 3(e) and Paragraph 10.

I have read the General Protective Order, agree to be bound by the terms of the order, and will provide the information identified in paragraph 10.

By:  _____
Signature & Printed
John R. Martin
November 27, 2007

Date

By: _____
Signature & Printed

Date

By: _____
Signature & Printed

Date

By: _____
Signature & Printed

Date

John R. Martin, P.E.

Principal



EDUCATION

- M.S., Mechanical Engineering, University of California, Los Angeles
- B.S., Mechanical Engineering, University of California, Berkeley
- Additional graduate studies in management and economics

PROFESSIONAL REGISTRATION

Professional Engineer: California, Oregon, Washington

EXPERIENCE

Mr. Martin is the Principal of Pacific Energy Systems, Portland, Oregon. He is responsible for the general management and technical quality of all major projects performed by Pacific Energy Systems and also provides consulting services directly to clients.

Mr. Martin has been the Project Manager or the Principal-in-Charge of over 80 thermal energy power and cogeneration projects performed by Pacific Energy Systems in the last 19 years. These projects include responsibility as the Owner's Engineer/Project Manager and the Bank's Engineer and cover all phases of project development including feasibility assessment, site selection, financing, permitting, preliminary design, and project management during detailed design, construction, start-up and testing.

Mr. Martin was the Owner's Project Manager for the development of a 43 MW peak power generating facility for the Franklin County Washington PUD and the Grays Harbor PUD. This included the specification and purchase of the gas turbine generators, CO and NO_x catalyst and the preparation of preliminary design. The preliminary design included heat and mass balances, air emissions, water balances, flow diagrams, and initial plant layouts to support project permits. Mr. Martin prepared specifications to select a design and construction management firm to build the facility. He represented the Owners through design, construction and start-up. Because of the critical need for electricity, the schedule for this \$34 million project from start of detailed design to initial operation was compressed to seven months.

Mr. Martin was the Owner's Engineer for the design and construction of a 27 MW simple cycle combustion turbine power plant for the Benton County Washington PUD. He was responsible for helping the PUD purchase the gas turbine generator and the preliminary design necessary to obtain land-use and air permits. The preliminary design included preparation of heat and mass balances, air emissions, water balances, flow diagrams, design criteria, and initial plant layouts. Mr. Martin prepared the Engineering, Procurement, and Construction (EPC) specifications that were used to select a turnkey EPC contractor. Pacific Energy Systems is providing engineering services to the Owner during the design and construction of the facility. Because of the critical need for electricity, the project schedule from the start of detailed design to initial operation is approximately six months.

Mr. Martin was the Owner's Engineer for United Technologies Energy Holdings (UTEH) for the design and construction of seven, 50 MW simple-cycle peak power generating plants in California. In this capacity, Mr. Martin prepared specification to retain a design, procurement, and construction management firm to develop the projects.

Mr. Martin was the Owner's Engineer for Avista-Steag for the development of a 250 MW gas turbine combined cycle at the Mint Farm Industrial Park in Longview, Washington. He was responsible for the preliminary design that included preparation of heat and mass balances, plant emissions, water balances, flow diagrams, and initial site arrangement drawings. The preliminary design documents were used for project permitting.

Mr. Martin was responsible for the preparation of the preliminary design for the Sempra Energy Resources' El Dorado Generating Station Phase II expansion southwest of Boulder City, Nevada. The facility is a 550 MW gas turbine combined-cycle power plant. The preliminary design included development of the plant design criteria, heat and mass balances, air emissions, water balances, flow diagrams, one-line diagrams, plant arrangements and elevation drawings, and plant descriptions. The preliminary design was prepared for both General Electric 7FA and Westinghouse/Siemens 501 gas turbine generators and was used to obtain the permits to construct the facility. The permits were successfully obtained. Mr. Martin was also retained by Sempra Energy Resources to prepare standard specifications for the engineering, procurement, and construction of a standard 550 MW combined cycle power plant.

Both Westinghouse Credit Corporation and ABN AMRO Bank have retained Mr. Martin as independent engineer. As the independent engineer for the Ryegate and Soledad Biomass Projects, he was responsible for preparing a technical evaluation report before project financing was completed and, subsequently, for monitoring monthly construction progress. Monthly construction progress reports were prepared together with monthly certificates of completion. Mr. Martin also conducted an operations and maintenance audit of the Soledad Biomass Power Plant, including an independent review of the cost of producing the biomass fuel.

Westinghouse Credit Corporation also retained Mr. Martin to perform a technical review of the Molokai Biomass Project in Hawaii. The review included observation and evaluation of plant performance tests and a technical review of the plant design and operation. The costs for producing the biomass fuels were also evaluated to better understand the cost of plant operation. Mr. Martin was the Owner's project manager for the development of a 65 MW cogeneration facility for the Blue Heron Paper Company in Oregon City, Oregon. This included preparation of a plant energy plan and a project feasibility study.

Mr. Martin was the project manager for the initial evaluation of gas turbine cogeneration facilities for the Public Utility District of Grant County (Washington) and the Springfield Utility Board (Oregon). Projects were designed to provide steam to local industries and electricity for the utilities and were based on the use of natural gas combustion turbines. He was also responsible for the evaluation of an electric power generating facility that would be located at a natural gas

storage facility in Oregon. The evaluation included the conceptual design of the gas turbine generation facility and the development of capital, operation, and maintenance costs.

Mr. Martin has been retained by two confidential clients to select sites for new electric power generating facilities in California, Oregon, and Washington. The site selection process included screening potential sites for the required infrastructure, land use and environmental characteristics necessary for new plant development.

Mr. Martin was the project manager for the design and construction of two hydroelectric power plants (24 MW and 12 MW) that were built for the City of Portland. He also performed project due diligence reviews for the Auger Falls Hydroelectric Power Project in Idaho and the Waialua Hydroelectric Project in Hawaii.

He performed cogeneration feasibility studies at Crown Zellerbach's (now James River Corporation) Wauna, Oregon, paper mill for the Clatskanie Public Utility District, and was responsible for a fuel conversion and cogeneration study for the R.T. French Company, Shelley, Idaho. He performed heat recovery feasibility studies for the Georgia-Pacific Corporation's Lovell, Wyoming, gypsum plant and for the City of Lake Oswego, Oregon. The Lake Oswego project analyzed the possible use of recovered heat for district heating.

Earlier, Mr. Martin was responsible for the design of a gas turbine power plant that would use landfill gas recovered from Rossman's Landfill in Oregon City, Oregon. He also performed a feasibility study for the addition of heat recovery boilers and a steam turbine-generator at the City of Honolulu's Waipahu incinerator. In Florida, he was responsible for the preliminary design for the City of Tampa's McKay Bay Refuse-to-Energy Project, including heat recovery boilers, steam turbine-generators, and air pollution control systems.

He performed a Best Available Control Technology (BACT) evaluation that considered using emulsified No. 2 fuel oil and water in medium-speed diesel engines at the Maui Electric Company's (MECO) Maalaea Power Plant. In addition, he was responsible for evaluating cogeneration opportunities for a food processing plant within MECO's service area.

Mr. Martin was project manager for the conceptual design of renewable energy systems to be demonstrated at the Natural Energy Laboratory of Hawaii. These renewable systems include solar thermal collection and storage, absorption refrigeration, and low-temperature desalination.

Mr. Martin was the independent engineer for Westinghouse Credit for the design and construction of a 42MW combined cycle at Sanger, California. The work included construction and performance test monitoring.

He assisted a client with negotiations in China for the turnkey development of small (12-megawatt), coal-fired electric power plants. Negotiations involved representatives of the local electric utility, the Bank of China, county officials, and representatives of the Chinese trading company.

In the early 1970's, when he was employed by Pacific Power & Light Company, Mr. Martin was involved in project engineering and project management of new power generating facilities. He was project engineer for Pacific Power's Jim Bridger Project in Rock Springs, Wyoming, and was responsible for coordinating engineering, equipment procurement, and construction package preparation with the architect/engineer, the Pacific Power home office, and the field construction office. In addition, he was responsible for monitoring engineering budgets and schedules to meet project cost and schedule requirements. While at Pacific Power, Mr. Martin was also involved in the design of betterment projects for steam electric generating plants, including scrubber retrofit studies for the Jim Bridger plant. He assisted in the development of standard criteria for the design of coal-fired generating facilities, and he recommended an information management system for storage and retrieval of drawings and data on new plant design projects.

Mr. Martin also served as an engineer for the Bechtel Power Corporation. He was involved in mechanical group supervision of the Taiwan Power Company's Nuclear Units 3 and 4 and Units 5 and 6 projects, and was responsible for engineering planning and scheduling, budget preparation, specifications, bid evaluations, equipment sizing, and design calculations. He supervised preliminary design studies and technical administration of the turbine-generator contract for Gulf States Utilities' Blue Hills Project and preliminary plant design studies for the German utility RWE.

He has taught courses in engineering thermodynamics and thermal systems design at Portland State University.

PROFESSIONAL REGISTRATION

Professional Engineer: California, Oregon, Washington

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

- Member, ACEC - Oregon
- Fellow, American Society of Mechanical Engineers (ASME)
- Vice President, ASME Region VIII, 1996-1999

PRESENTATIONS AND PUBLICATIONS

- "Maximizing the Potential for Renewable Energy, Waste-to-Energy, Maui's Untapped Asset" presented to Maui County Energy Expo 2007, November 9, 2007
- "Combined Heat & Power," presented to King County/Washington State, 2005 Climate Change Conference, Seattle, Washington, October 25, 2005.
- "Comparison of High-Efficiency Distributed Cogeneration and Large Combined-Cycle Power Generation", presented to ASME/IGTI Turbo Expo, Atlanta, Georgia, June 16, 2003.
- "Siting Power Plants in the Pacific Northwest," John R. Martin, World-Generation, September/October 2002.
- "Industrial Cogeneration – A Case Study," presented to the Distributed Power Conference, Oregon Section, ASME International, April 2001.

- "The Economics of New Gas Turbine Resources in the Pacific Northwest," John R. Martin and F. Duncan McCaig, International Gas Turbine Institute, Cogen Turbo Power '94 Conference.
- "Evaluation of Horizontal Trenches for Landfill Gas Collection at Rossmans Landfill," Mark Fujii and John Martin, Proceedings from GRCDA 8th International Landfill Gas Symposium, April 9, 1985.
- "Fundamentals of Cogeneration," presented to Symposium on Cogeneration at the University of Florida, Gainesville, March 4, 1983.
- "Innovative Thermal Energy Systems," presented to Oregon Section of ASME, January 10, 1983.
- "Pacemaking Retrofits/Bull Run Hydroelectric Facility," John R. Martin, *Electric Utility*. . .1982 *Generation Planbook (Power Magazine)*.

EXPERT WITNESS TESTIMONY AND DEPOSITIONS

Listed below are Mr. Martin's prior engagements as an expert witness. The dates indicated are approximate.

- 1981 – Expert witness for Great Western Malting attorneys in arbitration. No deposition taken. Testimony provided
- 1991 – Expert for Babcock and Wilcox attorneys concerning the Feather River Biomass project. An expert report was prepared, but no testimony or depositions provided.
- 1993 – Expert for Fluor/Daniel attorneys concerning the Salt City Power Plant. An expert report was prepared for mediation. No deposition taken.
- 1995 – Expert for Wormser Engineering Trust attorneys concerning litigation related to the North Tonawanda Cogeneration Project. Deposition taken. No testimony provided.
- 2000 – Expert for Empire Energy attorneys concerning litigation related to the McDill Air Force Base Cogeneration Project. Expert report and testimony provided. No deposition taken.
- 2003 – Expert for Nooter/Eriksen attorneys concerning litigation related to the El Dorado Power Plant. Expert report prepared. No testimony or deposition.
- 2006 – Expert for Nooter/Eriksen attorneys concerning litigation related to the March 2001 Steam Turbine Failure. Expert report prepared. Deposition taken. No testimony provided.

PACIFIC ENERGY SYSTEMS, INC.

CLIENTS

ABN AMRO Bank	Nippon Plant Engineering
Agua Caliente	Nooter/Eriksen
Avista Power, Inc	North Canadian Power
Avista-Steag, LLC	Northern Wasco County PUD
Babcock & Brown	Northwest Gas Association
Babcock & Wilcox Company	Northwest Natural Gas Company
Barakat & Chamberlin	Nova Northwest, Inc.
Beaver Plant Operations	NRG Energy
Benton County PUD	Oregon Department of Corrections
Blue Heron Paper	Oregon Department of Energy
Brown and Caldwell	Oregon Economic Development Dept.
Calpine Corporation	Oregon Health Sciences University
Canadian Niagara Power	Oregon Natural Gas Development
CH2M HILL	Oregon State University
Charter Oak Energy, Inc.	Oregon Trail Electric Cooperative
CMS Generation	OREMET Titanium
Cogen Development	Palo Alto Public Utilities
Cogeneration Services, Inc.	Pacific Northwest Generating Cooperative
Credit Suisse	PacifiCorp
D. Hittle & Associates	Panda Energy International
Elf Atochem	Penwest, Ltd.
Enron/PGE	Port of Moses Lake
Far West Capital Corporation	Portland General Electric Company
Fluor Daniel	Portland General Energy Services
Franklin County PUD	Portland International Airport
General Electric Capital Corporation	Power Resource Managers
GELLCO Infrastructure Services Pty, Ltd.	Prudential Power Funding Associates
GPU International	Public Utility District of Grant County
Grays Harbor PUD	San Miguel Bada (Baoding) Brewery
Great Western Malting Company	San Miguel Corporation
Hampton Lumber Company	Sempra Energy Resources
Heller Financial	Springfield Utility Board
Illinova Generating Company	State Street Bank and Trust Company
International Paper Company	Sulzer Bingham Pumps
J-Power	United Technologies Energy Holdings
James River Corporation	United Technologies Finance
Klickitat Energy Partners	U.S. Department of Energy
Kootenai Electric	U.S. National Bank
LFC Power Systems	U.S. Veterans Administration
Merrill International	Washington Department of Corrections
Nahama & Weagant Energy	Westinghouse Credit Corporation
Nippon Credit Bank, Ltd.	WP Energy