#### PROFESSIONAL CURRICULUM VITAE

#### 1. PERSONAL INFORMATION

Name: **EDILBERTO MAURER.** 

Date of Birth: March 11, 1942

Place of Birth: Curitiba – Paraná - Brazil.

Marital Status: Married.

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emaurer@senergy.srv.br

#### 2. EDUCATION.

#### 2.1. Undergraduate.

□ Graduated in Civil Engineering with a major in Hydraulics, from Universidade Federal do Paraná in 1964.

#### 2.2. Specialization.

- □ University of Cambridge Lower Certificate in English 1952/1959.
- □ Du Pont do Brasil S.A. Use of Explosives 1977.
- □ Chapiro International Seminar on Managerial Efficacy 1976.
- □ Universidade Federal do Paraná University Extension Course on Hydroelectric Projects 1978.
- □ Instituto de Pesquisas Tecnológicas de São Paulo Specialization in Concrete Technology 1965.
- □ Eletrobras Dam Safety 1981.
- □ Copel Economic Engineering 1985.
- □ Copel Theory of Marginal Cost 1987.

#### 3. PROFESSIONAL ACTIVITIES.

# 3.1. CENTRAL ELÉTRICA CAPIVARI CACHOEIRA S.A. – ELETROCAP – 1965/1970.

Currently called Usina Governador Parigot de Souza, it is an underground facility with about 25 km of tunnels and installed power of 250 MW

Positions held at the construction site were Engineering Inspector and person in Charge of the Concrete Laboratory.

# 3.2. COMPANHIA BRASILEIRA DE ALUMÍNIO – USINA DO ALECRIM – 1970/1973.

This is a private company of CBA, with an installed power of 75 MW.

Positions held at the construction site were Assistant Resident Engineer from 1970 to 1972, Resident Engineer from 1972 to 1973 and Engineer in Charge of the Concrete Laboratory from 1970 to 1973.

### 3.3. COMPANHIA DE SANEAMENTO DO PARANÁ – SANEPAR – 1973/1975.

Positions held at the Central Office of the company were Head Engineer of the Department of Maintenance and Support—1973, Advisor to the Technical Director—1973 and Engineer in the Planning and Programming Department -1974/1975.

#### 3.4. COMPANHIA PARANAENSE DE ENERGIA – COPEL – 1975/1995.

Positions held:

Assistant to the Head of the Department of Civil Engineering - 1975/1976, in Project Foz do Areia.

Head of the Department of Civil Engineering - 1976/1983, in Projects Foz do Areia – 1976/1980 and Segredo – 1980/1983.

Head of the Department of Construction of the Segredo HPP -1983.

Head of the Department of Civil Engineering - 1983/1984, in the Segredo Project.

Head of the Department of Planning and Coordination - 1984/1987, in the Segredo Project

Head of the Department of Studies on Hydropower Plants - 1987/1994, for the following projects:

Review of the Basic Design of Salto Caxias – 1984.

Review of the Inventory Studies for Tibagi River – 1984/1985.

Review of the Inventory Studies for Ivaí River – 1985/1986.

Review of the Inventory Studies for Piquiri River – 1986/1987.

Basic Design of the Cubatão HPP – 1986/1987.

Superintendent of Generation Works - 1994/1995, in the Diversion Projects for Jordão River - 1994 and Salto Caxias - 1994/1995.

### 3.5. FUNDAÇÃO COPEL DE PREVIDÊNCIA E ASSISTÊNCIA SOCIAL.

Position held as President - 1995.

On September 19, 1995 retired from Fundação COPEL and COPEL,

### 3.6. MAURER ENGENHARIA – From 1996 to the present.

President of the company. The following works were conducted:

- Coordination of the Flood Control Project of the Upper Iguaçu River Basin.
- Consultancy Services for the Project of the Integrated System for the disposal of solid wastes in the Metropolitan Region of Curitiba, State of Paraná..
- Management of the Implementation of Special Projects for the South of Brazil for the Brazilian postal service Empresas Brasileiras de Correios e Telégrafos – ECT, 1998/1999.
- Consultancy Services for the Superintendency of the Development of Water Resources and Environmental Sanitation SUDERHSA, to accompany the implementation of the works of the Flood Control System in the Upper Iguaçu River Basin.
- Coordination of Technical Management of the Management Unit of Program PROSAM

  – Programa de Saneamento Ambiental in the Metropolitan Region of Curitiba.

#### 3.7. SENERGY – Saneamento, Energia e Participações – From 2003 to the present.

President, worked in the following projects:

- Engineering for the Owner of Santa Clara HPP 2003/2005
- Engineering for the Owner of Fundão HPP 2004/2006.
- Engineering for the Owner of Ludesa SPP 2005/2007.
- Engineering for the Owner of Linha Emilia SPP 2006/2009
- Engineering for the Owner of Cotiporã SPP 2006/2009
- Engineering for the Owner of Caçador SPP 2006/2009
- Engineering for the Owner of Barra do Braúna SPP 2007/2009
- Management of the Recovery Works for Riachão SPP 2009
- Engineering for the Owner of Passos Maia SPP 2009/2012
- Engineering for the Owner of Pezzi SPP 2011/2013
- Engineering for the Owner of Serra dos Cavalinhos II SPP 2011/2013
- Engineering for the Owner of Phoenix SPP 2014.

#### 4. LANGUAGES

4.1 ENGLISH	GOOD	FAIR	POOR
Speaking	X		
Reading	X		
Writing		X	
Understanding	X		

4.2 SPANISH	GOOD	FAIR	POOR
Speaking		X	
Reading	X		

Writing		X	
Understanding	X		

4.3 ITALIAN	GOOD	FAIR	POOR
Speaking			X
Reading	X		
Writing			X
Understanding	X		

4.4 FRENCH	GOOD	FAIR	POOR
Speaking			X
Reading	X		
Writing			X
Understanding		X	

#### 5. PUBLICATIONS.

- Author or co-author of about thirty <u>papers published at Congresses</u>, <u>Seminars</u>, Symposiums and Technical Journals in Brazil and abroad.
- Participation the publication of the following books "Main Brazilian Dams" in 1982," Concreto Massa no Brasil" in 1989 and "A Grande Energia" in 2010.

#### 6. PARTICIPATION IN THE BRAZILIAN COMMITTEE ON DAMS - CBDB

- \* Member of the Administrative Council from 1992 to the present.
- Director of Communications 1995/1996.
- Vice President 1996/2003.
- President 2003/2009.
- Honorary President since 2009.

## 7. PARTICIPATION IN THE INTERNATIONAL COMMISSION ON LARGE DAMS – ICOLD.

- Participation in several Congresses and Annual Meetings since 1982.
- Participation as Brazilian Delegate to Congresses and Annual Meetings since 1995.
- Participation as Voting Member for Brazil at all Annual Meetings from 2001 to 2009.
- Member of the Advisory Committee to the President of ICOLD from 2003 to 2006.
- Member of the Committee of Governance on Dams of ICOLD from 2003 to 2008.
- Vice President of INCA Association of ICOLD National Committees of Americas – 1997/2003.
- President of INCA Association of ICOLD National Committees of Americas 2003/2006.
- Vice President of ICOLD International Commission on Large Dams 2006/2009.

Curitiba, September 2015.

CILLANIA. EDILBERTO MAURER.