

## US-Mexico Cross Border Energy Trade Workshop

San Antonio, Texas

November 18-19, 2002

Westin La Cantera Resort

### Speaker Biographies

#### ***Vicky A. Bailey***

Ms. Vicky A. Bailey is the U.S. Department of Energy Assistant Secretary for Office of Policy and International Affairs. Ms. Bailey previously served as the President of PSI Energy Inc., in Indianapolis, Indiana. Before joining PSI in February of 2000, she was a Commissioner at the Federal Energy Regulatory Commission for 2 terms, being nominated by President Clinton in 1993 and 1996. She served for seven years as a commissioner on the Indiana Utility Regulatory Commission. While at the Indiana Commission, she was actively involved in efforts to balance and mitigate the impact on states of the Clean Air Act Amendments of 1990 and the Energy Policy Act of 1992.

Ms. Bailey was also a member of the Executive and Electricity committees of the National Association of Regulatory Utility Commissioners (NARUC). She was active with the Mid-American Regulatory Commissioners Conference and on the Executive Committee of the Great Lakes Conference. Ms. Bailey is a participant in the Keystone Center Energy Project and the Harvard Electricity Policy Group. Ms. Bailey holds a Bachelor of Science degree from the Krannert School of Management at Purdue University. She also did post-graduate work at Indiana University of Indianapolis.

#### ***Francisco Barnés de Castro***

Francisco Barnés is the Undersecretary for Energy Policy and Technological Development with the Secretariat de Energia de Mexico (SENER). Prior to the position, Dr. Barnes has also served as Technical Director of the Mexican Petrochemical Commission and General Director of State Chemical and Petrochemical Industries for SENER. Barnes has extensive experience in the private sector as the Co-founder and Technical Director of PYCORSA engineering firm; Director of Technology Planning of ALFA Industries, Petrochemical Sector; Technical Director of Fomento Industrial SOMEX, Petrochemical Division; Technical Director of the Mexican Petrochemical Commission; and has served as a member of the board on several state-owned companies/organizations, including, Tereftalatos Mexicanos, Tetraetilo de Mexico, Glicoles Mexicanos, Cibiosa, Reactivos Minerales Mexicanos, Mexican Petroleum Institute, National Laboratory for Industrial Development. From 1995-1996, Dr. Barnes was the Director General of the Mexican Petroleum Institute. He has also spent many years as a senior technical consultant in the energy industry.

Dr. Barnes received a B.S. in Chemical Engineering from the National Autonomous University of Mexico (UNAM), and MS and PhD in Chemical Engineering, University of California, Berkeley. Since obtaining his PhD in 1973, Dr. Barnes has also served as a Full time professor in the School of Chemistry at UNAM. He has held various leadership positions within the UNAM, including Head of the Science and Technology Division, ENEP Zaragoza (1975-1978), Secretary General of the School of Chemistry (1978-1979), Dean of the School of Chemistry (1986-1992), Secretary General of the University (equivalent to Senior Academic Vice-president) (1993-1994), and Rector of the University (1996-1999). Barnes was also a visiting scholar with the Pacific Northwest National Laboratory (PNNL) from 2000-2001.

#### ***Florencio Aboytes García***

Dr. Aboytes is currently the Manager of the Comisión Federal de Electricidad's (CFE) Power System Planning Division. He has been with (CFE), since 1975, holding different technical positions at the system planning and system operations divisions. His areas of expertise are modeling, analysis, operation, control and planning of electric power systems. He has more than 140 publications in specialized journals, conference proceedings and invited conferences, 5 specialized books in Spanish related to the operation and control of electric power systems and 84 research reports for electric utilities.

Dr. Aboytes received his B. Sc. and M. Sc. in Electrical Engineering from Instituto Tecnológico y de Estudios Superiores de Monterrey, Monterrey, Mexico in 1968 and 1969 respectively, and a Ph. D. in Electrical Engineering from Imperial College of Science and Technology, London, England in 1974. He has been a consultant for electric utilities in Central and South America, is a Fellow Member of IEEE, Member of CIGRE SC 38, and Member of the Academy of Engineering in Mexico.

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#### ***Les Barrow***

Les Barrow joined the City Public Service (CPS) of San Antonio in May 1973 where he is currently serving as Director of ERCOT and System Performance Division. Previous assignments with the CPS have included Project Engineer in the Engineering Department, Lead Engineer of the Design Evaluation Section, and Chief Test and Maintenance Engineer in the Operations Division, Superintendent of Electric Operations, Superintendent of Overhead Construction, Director of Construction Division, Director of Distribution Division and Director of Transmission Division. Mr. Barrow is also currently Chair of the ERCOT Technical Advisory Committee, advisory body to the ERCOT Board of Directors (January 2001 to present).

Mr. Barrow is a Registered Professional Engineer in the State of Texas, Member of the Institute of Electrical and Electronics Engineers (IEEE), and has represented the City Public Service on the Technical Advisory Committee (TAC) of the Electric Reliability Council of Texas (ERCOT) since April 1999 and served one year as Vice-Chair of TAC (2000). He graduated from Southern Methodist University with a B.S. in Electrical Engineering and attended the Stanford Executive Program (SEP) in the summer of 1999.

#### ***Manuel Betancourt***

Mr. Betancourt has 30 years of experience in the energy sector. He is currently the Director General for Industrial Development of Hydrocarbons where he is responsible for coordinating policy activities between Ministry of Energy and Pemex's industrial divisions: Pemex Refinación, Pemex Gas y Petroquímica Básica and Pemex Petroquímica. From 1999-2001 he served as Director General for Energy Policy and Development at the Secretariat of Energy, responsible for elaborating energy policy proposals that make possible a timely, safe and competitive supply of energy products to Mexican society in the present and over the medium and long term. Some of his experience prior to these positions with SENER have included serving as: Under manager in charge of long-term planning at PEMEX; Market analyst at the PEMEX European representation office in London, England, Advisor at the PEMEX foreign trade representation office in Houston, Texas; Commercial Manager at P.M.I. Comercio Internacional, PEMEX's international trade branch; Sales Manager for aromatics, olefins and solvents at PEMEX Petroquímica, PEMEX's petrochemical division; General Director for Gas at the Secretariat of Trade and Industrial Promotion (SECOFI); and Coordinator of Advisers to the General Accountant also at SECOFI.

Mr. Betancourt has a B.S. degree in Physics and Mathematics from the National Polytechnical Institute (IPN) in Mexico. He has performed graduate studies on Operations Research at the National University (UNAM) in Mexico, and he also has a diploma in Energy Supply and Demand Outlook from the Institute of Energy Economics of Japan.

#### ***William (Bill) Bojorquez***

Bill Bojorquez joined the Electric Reliability Council of Texas (ERCOT) as Director of Market Services in February 2000. In September 2002, he became Director of Transmission Services responsible for transmission and generation adequacy and planning, oversight of transmission system additions, and the development of transmission service policies enabling a competitive market in the region. During ERCOT's start-up, Bill was responsible for the implementation of the systems and infrastructure required for the ERCOT commercial operations under Texas Senate Bill 7. Commercial operations include retail customer and market participant registration; load profiling; metering and meter data acquisition; Renewable Energy and Transmission Congestion Rights accounting; settlements; and billing. Prior to joining the ERCOT staff, Mr. Bojorquez worked at the California ISO as Director of Settlements and Metering where he had responsibility for over \$2 Billion in annual Market and Reliability Must Run contract settlements and energy billing in California. Mr. Bojorquez earned his Bachelors Degree in Electrical Engineering and Masters of Business Administration from the California State Polytechnic University, Pomona. He is also a certified Professional Engineer.

#### ***Shelton M. Cannon***

Shelton Cannon is the Deputy Director of the Office of Markets, Tariffs, and Rates, which was created to integrate the economic regulation of the electric, natural gas, and oil industries at the Federal Energy Regulatory Commission.

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Prior to that, he was Director of Electric Power Regulation at the Commission. In his twenty-two years at the FERC, he has participated in many important policy initiatives related to fostering a competitive wholesale electricity market -- including Order No. 888, which required open access transmission; Order No. 2000, which encouraged the formation of Regional Transmission Organizations; and, most recently, the proposed rule on Standard Electricity Market Design. He holds a law degree from the University of Illinois and undergraduate degrees in English and Economics from the University of Maryland.

#### ***Marcelo Chauvet***

Mr. Chauvet has more than 30 years of experiences in the private and energy sector. Since 1996 he has served as Director General, Compañía Mexicana de Gas (CMG), the Local Distribution Company of Natural Gas in the Greater Metropolitan Area of Monterrey, with more than 50,000 customers and a throughput of 60 mmcf/d. Prior to CMG, Mr. Chauvet was Planning Director of Grupo Diavaz (1984-1995), where he was responsible for Strategic Planning and Business Development, and supervised the Pemex contract for offshore production, geophysical studies and Natural Gas distribution. He also held the position of Technical Director of Ingeniería y Gestión Ambiental, an environmental company specialized in offshore facilities. Mr. Chauvet has also held the positions of: General Manager of Topomar, engineering firm responsible of design of offshore oil facilities in the Gulf of Mexico, including platforms for production, riser, compression, quarters, communication, loading facilities and submarine pipelines; General Manager of Shelby Williams de México; and Senior Project Manager for Proyectos Marinos, S.C., designing offshore oil facilities.

#### ***Tony Como***

Tony Como presently is the Deputy Director of Electric Power Regulation within the Department of Energy's Office of Fossil Energy. In that position, he is responsible for regulating all aspects of international electricity trade. Tony has held that position for the past 18 years. Prior to coming to the Department of Energy, Tony held various positions as both a distribution and generation planning engineer at Potomac Electric Power Company. He holds a Bachelor's Degree in Electrical Engineering and has over 30 years of experience in all aspects of electric utility planning and operation.

#### ***Alejandro Cuevas***

Mr. Alejandro Cuevas-Salgado is currently working in the Investment Promotion Office in the Mexico's Ministry of Energy, as Director of Electricity and he has had the opportunity to collaborate in government working groups in which Independent Power Production and policy for power supply has been defined. During the last seven years, he has been working for various federal government agencies in Mexico: Ministry of Education and Ministry of Energy. In the latest one his professional activities have been related to the development of private investment projects to increase the infrastructure in the Mexican power sector. He also has been working in the establishment of the regulatory framework to open to private investment the power sector in Mexico. Other activities developed by Mr. Cuevas include advisory and permit facilitation for private power facilities in Mexico. Mr. Cuevas guided the first hydro-power private project development in his country under the present regulations, consolidating private investment in this power area.

Mr. Cuevas is a physicist from the National University of Mexico (UNAM). He also holds a Master Degree in Operations Research from this university and a Mathematical Finance Master Degree from the Mexico's Anahuac University.

#### ***Robert J. Cupina***

Rob Cupina is the Deputy Director of FERC's Office of Energy Projects. That Office is responsible for processing applications for the construction and operation of interstate natural gas pipeline facilities and licenses for non-federal hydroelectric projects, as well as managing the dam safety program. Previously, he was the Director of the Division of Tariffs and Rates for the Central U.S. region, in the FERC's Office of Markets, Tariffs and Rates. That Division is responsible for analyzing filings for rates and services by electric utilities for the transmission of electric energy and

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by natural gas pipeline companies for the transportation of natural gas in the Midwestern U.S. as well as the offshore Gulf of Mexico. Prior to being named to that position in February 2000, Mr. Cupina was the Deputy Director of the Office of Pipeline Regulation at the FERC for ten years. Between 1973 and 1988 he held various positions in the areas of producer and pipeline regulation with FERC and its predecessor agency, the Federal Power Commission. In the private sector Mr. Cupina worked for the International Salt Company as a Mining Engineer Trainee from 1970 to 1972. He majored in Petroleum Engineering at Penn State, has a Bachelor's in Technology Management from the University of Maryland and a Master's in Public Administration from George Mason University.

#### ***Alberto Escofet Artigas***

Mr. Escofet has been President of *Alesco Consultores, S.A., de C. V.* since 1991, and Director General of *Constructora y Perforadora Latina, S. A., de C. V.* since 1997. He has previously served as Under Secretary of Energy of Mexico (SENER, 1989-1991), and Under Secretary of Mines and Basic Industry (SENER, 1987-1988). Other previous positions include *Director General de Uranio Mexicano*, of the and of From 1956 to 1982, Mr. Escofet has held various positions with *Comisión Federal de Electricidad (CFE)*, including as Director General of CFE and of *Compañía de Luz y Fuerza del Centro*. Mr. Escofet has a degree in Electromechanical Engineering from the National School of Engineering of the National Autonomous University of México (UNAM).

#### ***Michelle Michot Foss***

Dr. Foss has been an analyst of U.S. and foreign energy and non-fuel resource development and environmental issues for nearly 20 years. She was named Director of the CBA Energy Institute on July 1, 1995. Dr. Michot Foss conducts research on the political economy of energy, writes frequently on energy issues in Mexico, North America and other world regions and has advised and consulted to a number of U.S. and Canadian energy companies. Most recently completed is *North American Energy Integration*, a comprehensive investigation of continental natural gas and electricity policy and regulatory coordination and market convergence in light of industry trends and the North American Free Trade Agreement. In 1989-90 Dr. Michot Foss was director of research at Simmons & Company International, investment bankers specializing in oil services. At Rice Center, 1985-1989, Dr. Michot Foss was director of research for the Jesse H. Jones Center for Economic and Demographic Forecasting. Dr. Michot Foss spent the previous three years with the Energy and Minerals Field Institute at the Colorado School of Mines. Dr. Michot Foss is Vice President for Conferences, International Association for Energy Economic; is a past vice president for the U.S. Association for Energy Economics, affiliate to the IAEE. She holds a B.S. in biology from the University of Southwestern Louisiana; an M.S. in mineral economics from the Colorado School of Mines; and a Ph.D. in political science from the University of Houston.

#### ***Ahmad Ghamarian***

Dr. Ghamarian has over 20 years of management, engineering and teaching experience in the energy and environmental sectors. As Executive Director of the Energy Group, he manages all of the Institute of International Education's energy related programs. Previously, Dr. Ghamarian served as the Director of USAID's Energy Training Program (ETP), designing and managing a series of U.S.-based courses, in-country workshops and international study tours. Special countries of focus included Russia, the Ukraine, Indonesia, India and Pakistan. Dr. Ghamarian came to IIE (1987) from the Exxon Research and Engineering Company in New Jersey, where he had served for five years (1981 - 86) as a Staff Engineer. He performed research and development and provided consulting to promote energy efficiency in Exxon's refineries and chemical plants worldwide. Previously, he served as Project Engineer with the Combustion Engineering Company in Tehran (1973 - 76), working on the design of several power-generation projects for the Iranian onshore/offshore oil industry. Dr. Ghamarian has served as Adjunct Assistant Professor at the New Jersey Institute of Technology, in the areas of energy and power (1981 - 86), and as Adjunct Associate Professor at The George Washington University, teaching Power Plant Engineering and Economics and Electric Utility Least Cost Planning (1987 - present). He is the author or co-author of over two dozen technical reports and papers on energy and power that focus on efficiency and planning for sustainable development. Dr. Ghamarian holds a Ph.D. in Mechanical Engineering with a focus on Energy Technology from The George Washington University, Washington, D.C.

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***Fernando Gireud***, Vice President, International Business, El Paso Electric

#### ***Paul Hudson***

Paul Hudson has been a member of Governor Perry's Policy Office since its inception in January 2001. He currently serves as the Deputy Director of the Policy Division and Director of Policy for business and regulatory issues. In this role his policy focus is energy, telecommunications, housing, workforce/labor, business and economic development. Current tasks include staffing the Governor's Task Force for Economic Growth and planning certain other initiatives for the upcoming legislative session. Prior to joining the Governor's Policy Office, Mr. Hudson worked at the Public Utility Commission in a variety of roles including ultimately a stint working as an advisor to the commissioner. In prior lives Mr. Hudson has been an Austing firefighter, high school teacher, policy advisor for the Criminal Justice Policy Council, and worked as a staff member in the Arizona legislature. Mr. Hudson graduated from the University of Texas and completed a Masters degree at Arizona State University.

#### ***Armando Jiménez San Vicente***

Dr. Jimenez is the Deputy Assistant Secretary for Energy Policy with the Ministry of Energy in Mexico (SENER). In this capacity, Dr. Jimenez is responsible for the formulation of energy policy, as well as the long term strategic planning of the energy sector. He is in charge of the 10 year forecast review for Natural Gas, LPG, Electric Market and Oil Products. Before his current position he worked as Director General for Public Policy at the Mexican Presidency, as well as other positions in the financial sector in London and some years of service at the state government of Aguascalientes, Mexico. He is currently a member of the Energy Working Group, a trilateral group established last year to enhance communication and cooperation on key issues impacting market integration between the United States, Canada and Mexico.

Dr. Jimenez studied law in Mexico and holds three master degrees in: International Economics from Boston University, Government from Harvard University and International Finance and Commerce from Georgetown. He later obtained a Ph.D. on Political Economy from the London School of Economics.

#### ***Steven Kean***

Steven J. Kean is President of Kinder Morgan Texas Pipeline (KMTP) and Kinder Morgan Tejas (KM Tejas), both of which are subsidiaries of Kinder Morgan Energy Partners, L.P. In this capacity, he directs all operational and business development activities associated with the two companies. Mr. Kean joined the company in January 2002 as vice president of strategic planning for the gas pipeline group, and was named to his current post in June 2002. Mr. Kean has worked in the energy industry for over 17 years serving in a variety of legal, regulatory and commercial positions, primarily in the wholesale energy and pipeline sectors. Prior to joining Kinder Morgan, he worked for Enron, Utilicorp and El Paso Natural Gas. Mr. Kean holds a bachelor's degree from the Iowa State University and a law degree from the University of Iowa.

#### ***Charles Matthews***

Commissioner Charles Matthews was elected to the Railroad Commission of Texas in 1994, having distinguished himself in government, business, and civic leadership. Since 1997 Commissioner Matthews has worked with the Energy Regulatory Commission of Mexico to establish a collaborative agreement that will address various methods to streamline the regulatory process on cross border energy projects.

Before taking office in January 1995, Matthews was a successful entrepreneur and a civic leader in the community of Garland. He served on the board of directors of Southern Bank & Trust and the loan and discount committee for ten years, chaired the Investments committee and served on the executive committee. Beginning in 1984, he served as the Mayor of Garland, TX. In 1979, Matthews was elected a director of the Texas Municipal Power Agency, a cooperative energy effort among the cities of Garland, Bryan, Greenville, and Denton. Nationally, the Commissioner serves on the National Association of Regulatory Utility Commissioners, and appointed to the natural gas

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committee. Matthews has been reappointed by the Secretary of Energy as a member of the National Coal Council, an advisory board to the Secretary, and is a member on the Interstate Oil and Gas Compact Commission. Commissioner Matthews earned a B.A. at the University of Texas at Dallas and a Master's degree in Public Administration from Southwest Texas State University.

#### ***Raúl Monteforte***

Dr. Monteforte is a Commissioner with the Comisión Reguladora de Energía (CRE). In 20 years he has developed professional and business activities in the fields of energy, environment and computer science. He was Chief of Staff of the Undersecretary of Policy and Energy Development in the Secretariat of Energy and Project Coordinator in the National Institute of Ecology of the Secretariat of Environment and Natural Resources. He was researcher in the Center of Technology Innovation of the UNAM and Consultant for various organizations such as United Nations and CEPAL. Being Trade Director at Heliotécnicas, S.A. de C.V. y de Cygnus S.C., he commercialized equipment as web as renewable energy, energy safe and electronic systems. In 1982, he obtained the National Prize of Scientific Journalism.

Raúl Monteforte attended college in Mexico City. He obtained a BSs in Social and Politic Sciences in 1982 and a Master Degree in Sciences, with an specialization in Economics and Energy Engineering in Sussex University, England. In 1989 obtained his Phd in the same University with the Thesis Energy and Styles of Development: Electricity in Mexico.

#### ***Brett A. Perlman***

Brett A. Perlman currently serves as Commissioner of the Public Utility Commission of Texas. He was appointed by Governor George W. Bush on January 11, 1999 and his term expires in 2003. Prior to his appointment to the Texas PUC, Perlman was a management consultant with the Texas office of McKinsey & Company, a global management consulting firm known for its leadership role in business consulting. At McKinsey, Perlman specialized in strategic planning for Fortune 500 technology companies in identifying new market opportunities and developing corporate strategies. Prior to his work at McKinsey, Perlman practiced law with the Washington D.C. office of Akin, Gump, Strauss, Hauer & Feld and with the Houston office of Jenkins & Gilchrist. Perlman provided strategic planning for the state's Telecommunications Infrastructure Fund Board, which is responsible for Texas' \$1.5 billion fund for wiring schools for the Internet. He is a Board member of the MIT Enterprise Forum of Houston.

Perlman graduated Phi Beta Kappa in economics from Northwestern University and received a law degree from the University of Texas Law School. He also holds a master's degree in public administration from the John F. Kennedy School of Government at Harvard University where he focused on business and policy issues involving information technology, telecommunications industry and the Internet.

#### ***Dionisio Pérez-Jácome***

Mr. Pérez-Jácome was appointed as the Chairman of the Comisión Reguladora de Energía (CRE), México, in December 2000. Up to that time, he had held positions at the Energy Ministry as Head of the Investment Promotion Unit and as Executive Director for Public Non-basic Petrochemical Companies. Before his positions at the Ministry of Energy, he was an advisor to the President of Mexico (1994-1997), and participated in NAFTA negotiations from 1990-1992. Mr. Pérez-Jácome has also worked in the private sector as a management and public policy consultant. Mr. Pérez-Jácome obtained a BSc in Economics and a Masters Degree in Public Policy (MPP) from the Instituto Tecnológico Autónomo de México (ITAM) in México City. He also received an MPP from the John F. Kennedy School of Government at Harvard University.

#### ***Stephen L. Pitner***

Mr. Pitner is Director of the Gas Services Division of the Texas Railroad Commission. The Division's overall areas of responsibility include both maintaining economic regulatory oversight and safety jurisdiction of the energy

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industry in Texas, through 4 main areas of operation: Pipeline Safety, LP-Gas Safety, Regulatory Analysis and Policy, and Audit. Prior to joining the Railroad Commission in 1996, Mr. Pitner spent over 25 years in the oil and natural gas pipeline industry holding senior management positions. Mr. Pitner holds a B.S. degree in Petroleum Engineering and a M.S. degree in Engineering Management, both from the University of Missouri at Rolla. He is a Registered Professional Engineer in Texas. He has testified before the Federal Trade Commission, the Federal Energy Regulatory Commission, and numerous state and local commissions on natural gas related matters. He is past chairman of the National Energy Services Association.

#### ***David Pumphrey***

Mr. Pumphrey is Deputy Assistant Secretary for International Energy Cooperation. In this position, he is responsible for the development and implementation of strategies that will strengthen U.S. energy security, improve environmental quality and create investment and trade opportunities for U.S. energy companies. In this capacity, he manages the Department's bilateral and multilateral relations with countries in Asia and Europe, as well as the Department's international science and technology programs.

Mr. Pumphrey has an extensive background in international energy issues. His work with the Department's International Office has included a wide range of major projects including negotiation of energy provisions for the North American Free Trade Agreement and several other trade agreements, creation of the Hemispheric Energy Initiative to implement commitments made in the Summit of the Americas, design and management of energy cooperation programs with Russia, South Africa, Mexico, Saudi Arabia and Venezuela, and analysis of developments in international oil and gas markets.

Mr. Pumphrey also served with the Department's Office of Oil and Gas and with the Federal Energy Administration, with responsibilities for programs to accelerate the development of domestic tar sand resources and commercialization of enhanced oil recovery technologies. Before that, he served with the Bureau of Land Management in the Department of Interior with responsibility for analysis supporting the development of oil and natural gas on the Federal outer Continental Shelf (OCS). Mr. Pumphrey received a Bachelor of Arts degree in economics from Duke University and a Masters degree in economics from George Mason University.

***Alberto Ramos***, Assistant Director for Project Development and Financial Investment, Comisión Federal de Electricidad (CFE)

#### ***Mario Rodríguez-Montero***

Mario Rodriguez was appointed to the position of Deputy Assistant Secretary for International Affairs of the Ministry of Energy of Mexico (SENER) in February 2002. Prior to receiving this appointment, Mr. Rodriguez was appointed Corporate Director for Domestic and International Institutional Relations for Grupo Pulsar (1999-2001), and became the first Chairman of the Board of AGROBIO Mexico (2000-2001); an institution which represents the Mexican Biotechnology Industry and promotes the acceptance of agricultural biotechnology in national forums. At the same time, Rodriguez also participated in the transition team of President Fox in the areas of International Economic Relations and the promotion of foreign trade and foreign investment. Rodriguez has worked for the Mexican government in various capacities since 1971, beginning in the Treasury Department, as Chief Technical Assistant to the Secretary of the Department of Commerce and Industrial Development. He has also served in the capacity of Minister for Trade and Fiscal Affairs at the Embassy of Mexico in Washington, D.C.. In 1989 Rodriguez entered the private sector as President of Promocion Internacional de Negocios (PINSIA), and joined Grupo Pulsar in 1990 as Project Director. He later served as President of CLM Internacional (1993-97), and Director of International Development of Contec Mexicana (1997-98).

Mr. Rodriguez holds an undergraduate degree in Economics from the Instituto Tecnológico Autónomo de México (ITAM) and a Masters degree in Latin American Studies from the University of Texas at Austin. He also received a diploma in Commercial Policy from the GATT Training Division in Geneva, Switzerland, and in Strategic Planning from the Executive Program at Massachusetts Institute of Technology in Boston, MA.

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#### ***Clifford Tomaszewski***

Mr. Clifford P. Tomaszewski serves as the Manager For Natural Gas Regulation. In this position he is responsible for the implementation of the Department of Energy's (DOE) regulation of natural gas imports and exports. Prior to this he has served in the DOE's oil and natural gas international program area where he participated in the US/China Oil and Gas Industry Forum and various APEC energy and natural gas programs. From 1990 to 1992, he served as the Acting Deputy Assistant Secretary for Fuels Programs where he was responsible for both the gas regulatory program as well as the electricity export program. Between 1974 and 1990 he has served in a number of regulatory positions within the DOE and its predecessor organizations, dealing with the Natural Gas Act, the Power Plant and Industrial Fuel Use Act, the Energy Supply and Environmental Coordination Act, as well as the petroleum price and volume controls of the 1970s. He received his B.A. degree from the University of Notre Dame. He also did graduate work in Psychology at Fairleigh Dickinson University.

#### ***James A. Tramuto***

James (Jim) Tramuto is Vice President of External Affairs, Western Region, for PG&E National Energy Group (PG&E NEG). For more than 28 years, Tramuto has specialized in marketing and governmental and regulatory affairs within the natural gas and power industries. Currently, Tramuto serves as chairman of the Competitive Power Advocates (CPA) in Texas and the Arizona Competitive Power Alliance (ACPA), associations representing competitors operating in Texas and Arizona. Tramuto joined PG&E Gas Transmission – Texas, where he had served as president for two years. From 1993 to 1995, he was president and chief executive officer of the Polaris Pipeline. For 18 years prior, Tramuto worked for United Gas Pipeline Company. He joined the firm as an attorney in charge of FERC case load management, eventually becoming director of legislative affairs, then vice president of governmental and regulatory affairs and finally, senior vice president for business development. Tramuto has a bachelor's degree in management from Texas A&M University and a law degree from South Texas College of Law. He completed Harvard University's Executive Development Program in 1978.

#### ***Claudio Urencio Castro***

Mr. Urencio Vice President of the Pipeline Division of PEMEX Gas Petroquímica Básica since he joined the company in 1996. Since then he has optimized the natural gas, LPG and Petrochemical network operation, incorporating new technology for controlling and monitoring through a SCADA system. He has over 25 years of experience in public government appointments as Director of Economical Analysis of the Ministry of Industry and Trading. Mr. Urencio developed and implemented a natural gas transportation tariff system and provided the legal scheme for the natural gas transmission contracts based on the new regulation frame of the Regulatory Entity of the Federal Government. He was also Chairman of the Cabinet of External Trading. Furthermore, he was responsible of the Economical Research Group of BANCOMER Bank. Mr. Urencio holds a Bachelor degree in Economics from the ITAM (Institute of Technology of Mexico), and he obtained a Masters Degree in Politics, Government and Economical Development at the University of Essex, UK.

#### ***Michael Ward***

Michael R. Ward became President/CEO and Director of Tidelands Oil & Gas Corporation in October of 1998. He is Vice President and Chief Operating Officer of Tidelands Gas Corporation. Michael has more than 29 years of diversified experience as an oil and gas professional. Michael was educated in Business Management and Administration at Southwest Texas University and the University of Texas. During the past 20 years, he has been associated with Century Energy Corporation where his duties and responsibilities were production and drilling superintendent. He supervised three hundred new drills and recompletions in Duval County, Texas. Michael was Vice President and part owner with Omega Minerals, Inc, during which time he operated 65 wells in 23 counties in south and west Texas, 17 wells in Seminole and Osage Counties, Oklahoma, 44 wells in Neosho and Wilson Counties, Kansas and 125 wells in Brown, Pike, Schuyler and Scott Counties, Illinois. He also spent several months in the United Kingdom and Europe arranging a public offering on the U.K. Exchange. Michael was Vice President of Omega Minerals, Inc., a corporation that was owned by Royis Ward and family. Michael was President and

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owner of Major Petroleum Company where he drilled, completed and produced 42 wells in south and west Texas counties.