

VIII. APPENDIX B – CURRICULUM VITAE

PAUL WEBSTER MACAVOY CURRICULUM VITAE

- Current Positions: Williams Brothers Professor of Management Studies, Yale School of Management
- Office: Yale School of Management
Room 207 Horchow Hall
55 Hillhouse Avenue
New Haven, CT 06511
Mailing Address: P.O. Box 208200
New Haven, CT 06520-8200
203-432-6179 (phone); 203-432-6185 (fax)
paul.macavoy@yale.edu
- PW MacAvoy Economic Analytical Services
Six Mechanic Street (research office)
Woodstock, VT 05037
802-457-3224 (phone); 802-457-3257 (fax)
paulmacavoy@vermontel.net
- Homes: 420 Humphrey Street
New Haven, CT 06511
203-776-8469 (phone); 203-498-7480 (fax)
- 12111 Long Hill Rd.
So. Woodstock, VT 05071
802-457-1295 (phone)
- Education
And Awards: Yale University: Ph.D., 1960; M.A., 1956; Wilbur Cross Medal, 1982
Bates College: A.B., 1955, LLD (hon.), 1976
American Academy of Arts and Sciences, Elected Member, 1981
- Employment: Williams Brothers Professor of Management Studies
Yale School of Management, 1992 to date.
- Dean, Yale School of Management, 1992 – 1994.
- McLaughlin Visiting Professor of Business Administration
The Amos Tuck School of Business Administration
Dartmouth College, 1991 - 1992.
- Lester Crown Visiting Professor of Management
Yale School of Organization and Management, 1990 - 1991.
- Dean and John M. Olin Professor of Public Policy and Business Administration
William E. Simon Graduate School of Business Administration
University of Rochester, 1983 – 1991.
- Frederick William Beinecke Professor of Economics, Department of Economics
Yale University, 1981 - 1983.
- Milton Steinbach Professor of Organization and Management
Yale School of Organization and Management, 1977 - 1981.

Declaration of Paul W. MacAvoy on Behalf of the National Rural Telecommunications Cooperative

Member, President's Council of Economic Advisers
Co-Chairman, President's Task Force on Regulatory Reform
The Ford Administration, 1975 – 1976.

Henry R. Luce Professor of Public Policy and Management, Sloan School of Management
Massachusetts Institute of Technology, 1974 - 1975.

Associate Professor and Professor of Management, Sloan School of Management
Massachusetts Institute of Technology, 1966 - 1974.

Assistant Professor of Economics, Department of Economics
Massachusetts Institute of Technology, 1963 - 1965.

Assistant Professor of Business Economics, Graduate School of Business
Ford Foundation Faculty Fellow, Law School
University of Chicago, 1960 - 1963.

Corporate Appointments
as Member of the Board
of Directors:

Amphion Ventures L.P., 1998 to date.

Lafarge Corporation, Incorporated (Member of the Strategy and Pension Committees), 1993
to date.

Alumax Corporation, 1993 - 1998; successor director to same position at AMAX
Corporation, 1978 - 1993.

Open Environment Corporation, 1993 - 1996.

The Chase Manhattan Bank and Chase Manhattan Corporation, 1992 - 1996.

American Cyanamid Company, 1977 - 1980; 1986 - 1994.

Gleason Corporation, 1987 - 1993.

AMAX Gold, Incorporated, 1992 – 1993.

Combustion Engineering, Incorporated, 1980 – 1989.

Colt Industries, Incorporated, 1984 - 1988.

United States Synthetic Fuels Corporation, 1985 – 1986.

Air One, Incorporated, 1983 - 1984.

The Columbia Gas System, 1977 - 1978.

University and Non-Profit
Appointments and
Memberships:

Member of the Board of Trustees, Bates College, 1997 - 1998 and 1977 - 1982.

Adjunct Scholar, 1977 – 1985 and Academic Advisor to the Telecommunications
Deregulation Project, 1992 to date.

American Enterprise Institute for Public Policy Research.

Panel Member, the Government's Role in Civilian Technology
National Academy of Sciences, 1991 - 1992.

Declaration of Paul W. MacAvoy on Behalf of the National Rural Telecommunications Cooperative

Elected Fellow, American Academy of Arts and Sciences, 1981 to date.
Member, Candidate Selection Committee on Public Policy and Business Administration,
1994 - 1998.

President's National Productivity Advisory Committee, 1982 - 1984.

Presidential Appointee, Council of The Administrative Conference of the United States,
1980 - 1981.

Commission on Law and the Economy, American Bar Association, 1977 - 1981.

Member, Massachusetts Public Power Study Commission, 1974 - 1975.

Founding Member, Energy Policy Studies Group, MIT Energy Laboratory, 1974 - 1975.

Adjunct Fellow, Program in the Regulation of Economic Activity, Brookings Institution,
1970 - 1971.

Founding Member of the Council of Economic Advisers, State Government of New York,
1969 - 1972.

Founding Editor, The Bell Journal of Economics and Management Science, 1970 - 1975.

Member of Presidential Task Force on Revision of the Antitrust Laws ("Neal Task Force")
The Johnson Administration, 1967 - 1968.

Staff Economist, Council of Economic Advisers, The Johnson Administration, 1965 - 1966.

Law and Economics Fellow, Ford Foundation Faculty Research Fellow, University of
Chicago Law School, 1962 - 1963.

Publications
Books:

P.W. MacAvoy and M.A. Williams, *Deregulation of Entry in Long-Distance Telecommunications*, (Michigan State University Press, forthcoming 2001).

P.W. MacAvoy, *The Natural Gas Market: Sixty Years of Regulation and Deregulation*, (Yale University Press, 2000).

P.W. MacAvoy, *The Failure of Antitrust and Regulation to Establish Competition in Long-Distance Telephone Service Markets* (AEI Press and MIT Press, 1996).

P.W. MacAvoy, ed., *Deregulation and Privatization in the United States*, vol. 3 of *Hume Papers on Public Policy* (Edinburgh University Press, 1995).

P.W. MacAvoy, *Industry Regulation and the Performance of the American Economy* (W.W. Norton, 1992).

P.W. MacAvoy, *Explaining Metals Prices* (Kluwer Academic Publishers, 1988).

P.W. MacAvoy, W. T. Stanbury, George Yarrow, and Richard J. Zeckhauser, *Privatization and State-Owned Enterprises: Lessons from the United States, Great Britain and Canada* (Kluwer Academic Publishers, 1988).

P.W. MacAvoy, *Energy Policy: An Economic Analysis* (W.W. Norton, 1983).

Declaration of Paul W. MacAvoy on Behalf of the National Rural Telecommunications Cooperative

P.W. MacAvoy, *Crude Oil Prices: As Determined by OPEC and Market Fundamentals* (Ballinger Press, 1982).

Andrew S. Carron and P.W. MacAvoy, *The Decline of Service in the Regulated Industries* (American Enterprise Institute, 1981).

P.W. MacAvoy, *The Regulated Industries and the Economy* (W.W. Norton, 1979).

W. MacAvoy, *Economic Perspective on the Politics of International Commodity Agreements* (The Gustavson Memorial Lecture, University of Arizona Press, 1977).

P.W. MacAvoy and R.S. Pindyck, *Price Controls and the Natural Gas Shortage* (National Energy Project, American Enterprise Institute, 1975).

P.W. MacAvoy and R.S. Pindyck, *The Economics of the Natural Gas Shortage (1960 – 1968)* (North Holland Publishing Company, 1975).

Stephen Breyer and P.W. MacAvoy, *Energy Regulation by the Federal Power Commission* (Brookings Institution, 1974).

P.W. MacAvoy and Dean F. Peterson, *Large Scale Desalting: A Study in the Engineering Economics of Regional Development* (Praeger, 1969).

P.W. MacAvoy, *Economic Strategy for Developing Nuclear Breeder Reactors* (MIT Press, 1969).

P.W. MacAvoy and James Sloss, *Regulation of Transport Innovation: The Case of Unity Trains of Coal to the Eastern Seaboard* (Random House, 1967).

P.W. MacAvoy, *The Economic Effects of Regulation: The Trunkline Railroad Cartels and the Interstate Commerce Commission Before 1900* (MIT Press, 1965).

P.W. MacAvoy, *Price Formation in Natural Gas Fields: A Study of Competition, Monopsony, and Regulation* (Yale University Press, 1962).

Publications
Articles:

P.W. MacAvoy and Nickolay V. Moshkin, “The New Trend in the Long-Term Price of Natural Gas,” *Resource and Energy Economics*, Volume 22, 2000.

P.W. MacAvoy and Ira M. Millstein, “The Active Board of Directors and its Effect on the Performance of the Large Publicly Traded Corporation,” *Journal of Applied Corporate Finance*, Volume 11, Number 4, Winter 1999 .

P.W. MacAvoy, “Testing for Competitiveness of Markets for Long Distance Telephone Services: Competition Finally?” *Review of Industrial Organization*, Vol. 13 No. 3, June 1998.

P.W. MacAvoy and Ira M. Millstein, “The Active Board of Directors and Improved Performance of the Large Publicly-Traded Corporation,” *Columbia Law Review*, June 1998.

P.W. MacAvoy, “Regulation’s Role in Creating Competition in Telephone Service Markets: The Experience of the California Public Utilities Commission,” *University of Florida Journal of Law and Public Policy*, Vol. 8 No. 2, Spring 1997.

Michael J. Doane, P.W. MacAvoy and Michael A. Williams, “Four Decades of Regulatory Reform of the Gas Industry,” *Oil & Gas Tax Quarterly*, September 1996.

Declaration of Paul W. MacAvoy on Behalf of the National Rural Telecommunications Cooperative

- Michael J. Doane and P.W. MacAvoy, "Transmission Access Pricing and 'Non-Bypassable' Competitive Transition Charges" *Natural Resources Journal*, 1997.
- P.W. MacAvoy and Ira M. Millstein, "The Board of Directors in the American Corporate Form as the Instrument for More Effective Governance," in *The David Hume Institute: The First Decade*, eds. Nick Kuenssberg, Gillian Lomas (Edinburgh University Press, 1996).
- P.W. MacAvoy, "Twenty Years of Deregulation," *The Hume Papers on Public Policy*, vol. 3 (Autumn 1995).
- P.W. MacAvoy and George S. McIsaac, "The Current File on the Case for Privatization of the Federal Government Enterprises," *The Hume Papers on Public Policy*, vol. 3 (Autumn 1995).
- P.W. MacAvoy, "Tacit Collusion Under Regulation in the Pricing of Interstate Long-Distance Telephone Services," *Journal of Economics and Management Strategy*, vol. 4 (Summer 1995).
- P.W. MacAvoy, "Prices After Deregulation: The United States Experience," *The Hume Papers on Public Policy*, vol. 1 No. 3 (Autumn, 1993).
- Michael F. Koehn, Paul W. MacAvoy, and Harindra de Silva, "Market Responses to Asbestos in Buildings," *Journal of Real Estate Finance and Economics*, vol. 3 (1990).
- Paul W. MacAvoy, Daniel F. Spulber, and Bruce Stangle, "Is Competitive Entry Free: Bypass and Partial Deregulation in Natural Gas Markets," *Yale Journal on Regulation*, vol. 6 (Summer 1989).
- Ronald W. Hansen, Paul W. MacAvoy, and Clifford Smith, Jr., "Compensation Alternatives for Occupational Disease and Disability," *Journal of Risk and Insurance*, vol. 56 (June 1989).
- Gary P. Yohe and P.W. MacAvoy, "A Tax Cum Subsidy Regulatory Alternative for Controlling Pollution," *Economics Letters*, vol. 25 (1987).
- P.W. MacAvoy, "The Record of the Environmental Protection Agency in Controlling Industrial Air Pollution," in *Energy, Markets and Regulation: What Have We Learned?*, eds. Richard L. Gordon, Henry D. Jacoby, and Martin B. Zimmerman (MIT Press, 1986).
- P.W. MacAvoy and Kenneth Robinson, "Losing by Judicial Policymaking: The First Year of the AT&T Divestiture," *Yale Journal on Regulation*, vol. 2 (April 1985).
- P.W. MacAvoy and Kenneth Robinson, "Winning by Losing: The AT&T Settlement and Its Impact on Telecommunication," *Yale Journal on Regulation*, vol. 1 (November 1983).
- P.W. MacAvoy, "The Natural Gas Policy Act of 1978," *Natural Resources Journal*, vol. 19 (October 1979).
- Richard N. Funkhouser and P.W. MacAvoy, "A Sample of Observations on Pricing in Public and Private Enterprises," *Journal of Public Economics*, vol. 11 (June 1979).
- Richard A. Charpie and P.W. MacAvoy, "Conserving Energy in the Production of Aluminum," *Resources and Energy*, vol. 1 (1978).

Declaration of Paul W. MacAvoy on Behalf of the National Rural Telecommunications Cooperative

Stephen Breyer and P.W. MacAvoy, "The Natural Gas Shortage and the Regulation of Natural Gas Producers," *Harvard Law Review* (April 1973; rev. reprint in: *Energy Supply and Government Policy*, vol. 86, 1976).

P.L. Joskow and P.W. MacAvoy, "Regulation and the Financial Condition of the Electric Power Companies in the 1970s," *American Economic Review*, vol. 65 (May 1975).

P.W. MacAvoy, "Policy Conflicts in the Separate Control of Quantity and Price in the Energy Industries," *Journal of Monetary Economics*, vol. 3 supplement (1975).

P.W. MacAvoy and Roger Noll, "Relative Prices on Regulated Transactions of the Natural Gas Pipelines," *Bell Journal of Economics and Management Science*, vol. 4 (Spring 1973).

Stephen Breyer and P.W. MacAvoy, "The Federal Power Commission and the Coordination Problem in the Electric Power Industry," *Southern California Law Review*, vol. 46 (June 1973).

P.W. MacAvoy, "The Formal Work-Product of the Federal Power Commission," *Bell Journal of Economics and Management Science*, vol. 2 (Spring 1971).

P.W. MacAvoy, "The Regulation-Induced Shortage of Natural Gas," *Journal of Law and Economics*, vol. 14 (Spring 1971).

P.W. MacAvoy, "The Effectiveness of the Federal Power Commission," *Bell Journal of Economics and Management Science*, vol. 1 (Autumn 1970).

Daniel Orr and P.W. MacAvoy, "Price Strategies to Promote Cartel Stability," *Economica*, vol. 32 (May 1965).

Ford Administration
Papers On Regulatory
Reform:

P.W. MacAvoy and John W. Snow, eds., *Railroad Revitalization and Regulatory Reform* (American Enterprise Institute, 1977).

P.W. MacAvoy, John W. Snow, eds., *The Regulation of Passenger Fares and Competition Among the Airlines* (American Enterprise Institute, 1977).

P.W. MacAvoy, John W. Snow, eds., *Regulation of Entry and Pricing in Truck Transportation* (American Enterprise Institute, 1977).

P.W. MacAvoy, ed., *Federal-State Regulation of the Pricing and Marketing of Insurance* (American Enterprise Institute, 1977).

P.W. MacAvoy, ed., *Federal Milk Marketing Orders and Price Supports* (American Enterprise Institute, 1977).

P.W. MacAvoy, ed., *Deregulation of Cable Television* (American Enterprise Institute, 1977).

P.W. MacAvoy, ed., *OSHA Safety Regulation: Report of the Presidential Task Force* (American Enterprise Institute, 1977).

P.W. MacAvoy, ed., *Federal Energy Administration Regulation: Report of the Presidential Task Force* (American Enterprise Institute, 1977).

Declaration of Paul W. MacAvoy on Behalf of the National Rural Telecommunications Cooperative

Projects
Outstanding:

P.W. MacAvoy and Michael A. Williams, "Economic Benefits From Regulatory Decontrol of Local Exchange Company Entry Into Long-Distance Telephone Service Markets" (*Yale School of Management Working Paper #59*, March 1999).

P. W. MacAvoy, "The Economic Gains and Losses from Thirty Years of Natural Gas Regulation" (*Yale School of Management Working Paper #54*, December 1998).

P.W. MacAvoy and J. Gregory Sidak, "International Settlement Rates and U.S. Exportation of 'Procompetitive Deregulatory Principles' After the WTO Agreement on Telecommunications Services" (*Yale School of Management Working Paper #51*, October 1997).

Michael J. Doane, P.W. MacAvoy, David S. Sibley, and Michael A. Williams, "An Economic Framework for Estimating Stranded Costs and Implementing A System of Recovery Through Competitive Transition Charges" (*Yale School of Management Working Paper #48*, September 1997).

P.W. MacAvoy, "Financing of Liability Payments for Asbestos-Related Disease" (*Yale School of Management Working Paper #35*, January 1992).

Jack W. Bauer and P.W. MacAvoy, "The Transition from Natural to Synthetic Gas" (University of Rochester William E. Simon Graduate School of Business Administration Working Paper GPB 867-08, 1986).

Major Consultancies:

Expert report and deposition testimony: assessment of monopolization claims in the pharmaceuticals industry. Report prepared on behalf of Barr Laboratories, et al, January 2001. Deposition testimony, May 2001.

Declaration submitted on behalf of SBC Communications, Inc. in the Matter of MCIWorldCom, Inc. and Sprint Corporation for Transfer of Control of Sprint Corporation to MCIWorldCom, Inc. Federal Communications Commission Docket No. 99-333. Economic analysis of whether the proposed merger was in the public interest, May 2000.

Declaration submitted on behalf of SBC Communications, Inc. in the Matter of MCIWorldCom, Inc. and Sprint Corporation for Transfer of Control of Sprint Corporation to MCIWorldCom, Inc. Federal Communications Commission Docket No. 99-333. Economic analysis of whether the proposed merger was in the public interest, May 2000.

Prepared direct testimony on economic issues related to fixed cost recovery in power plant contracts. Submitted on behalf of Duke Energy Power Service, LLC in Federal Energy Commission Docket Nos. ER98-496-00 and ER98-2160-000, March 2000.

Expert report and deposition testimony: assessment as to whether the deliberate conduct of management brought about the shutdown of the Northeast Utilities' Millstone 3 nuclear plant from March 1996 to July 1998. Report prepared on behalf of the non-operating owners of the Millstone 3 Nuclear Power Unit, 1999. Deposition testimony, May 1999.

Declaration in support of Bell Atlantic's petition to provide in-region, interlata telecommunication services, submitted to Federal Communications Commission in Docket No. 99-225, 1999.

Memorandum submitted to the U.S. Department of Justice regarding the competitive effects of a proposed joint venture in the entertainment industry. Confidential client, 1999.

Declaration of Paul W. MacAvoy on Behalf of the National Rural Telecommunications Cooperative

Affidavit submitted on behalf of Panhandle Eastern regarding competitive issues in the natural gas industry, Panhandle's interconnection policy, and alleged Sherman Act violations. *Riverside Pipeline Company, et al. v. Panhandle Eastern Pipeline Company*, United States District Court, Western District of Missouri, 1998.

Consultant to Telecom Italia on issues related to the reform of telecommunications policy in the United States and its applicability to Italy, 1998.

Statement in favor of HR2372. Hearings of the U.S. House of Representatives, Committee on Commerce, Subcommittee on Telecommunications, Trade and Consumer Protection, 1998.

Consultant to FOX News on economic aspects of antitrust litigation. *FOX News Network, L.L.C. v. Time Warner, Inc., Time Warner Entertainment Company, L.P., Turner Broadcasting System, Inc. and R.E. "Ted" Turner III*, 1997.

Direct Testimony before the Canadian National Energy Board for Nova Gas Transmission Company regarding the Application by Alliance Pipeline Ltd. for a Certificate of Public Convenience and Necessity pursuant to section 52 of Part III of the NEB Act, and for an Order under Part IV of the Act respecting toll design and tariffs, 1997 - 1998

Rebuttal Testimony before the Federal Energy Regulatory Commission regarding Southern Natural Gas Company gas purchase contracts in the 1980's, 1997.

Direct and Rebuttal Affidavits on benefits and costs of Bell Operating Company entry into long distance service markets, before the Federal Communications Commission, CC Docket No. 97-137 under Section 271 of the Communications Act of 1996. Separate affidavits for Ameritech (Michigan), Pacific Bell (California), and Bell Atlantic (Pennsylvania), 1996-1997.

Affidavit on economic effects of regulation of foreign-affiliated entities as market entrants in international outbound long distance telephone markets from the United States. Unsupported research of the author. In the Matter of Market Entry, Docket No. 95-22, Federal Communications Committee, 1995.

Direct and Rebuttal Testimony before the Illinois Commerce Commission regarding the pricing of wholesale telecommunication services. Petition for a local exchange service wholesale tariff from Illinois Bell Telephone Company pursuant to Section 13-505.5 of the Illinois Public Utilities Act, Docket No. 95-0458, 1995.

Direct Testimony and Cross Examination before the California Public Utilities Commission: Economic analysis of the Commission's proposed local competition rules, including whether the rules afford local exchange carriers an opportunity to earn a fair return on invested capital. In Order Instituting Rulemaking on the Commission's Own Motion into Competition for Local Exchange Carriers, 1995.

Statement on the economic effect of "reachback" payments in the Coal Industry Retiree Health Benefit Act of 1992, for the Reachback Tax Coalition. Hearings of the U.S. House of Representatives, Committee on Ways and Means, Subcommittee on Oversight, 1995.

Direct Testimony, Rebuttal Testimony and Cross Examination before the Wisconsin Public Service Commission: Economic analysis of regulatory policy for the establishment of competitive local telephone services, including the pricing of interconnection, unbundled network elements, and wholesale services. In Investigation of the Appropriate Standards to Promote Effective Competition in the Local Exchange Market in Wisconsin, Docket No. 05-TI-138, 1995.

Declaration of Paul W. MacAvoy on Behalf of the National Rural Telecommunications Cooperative

Direct and Rebuttal Testimony before the Michigan Public Service Commission on the pricing of wholesale telecommunication services. In the Matter, on the Commission's own motion, to Establish Permanent Interconnection Arrangements Between Basic Local Exchange Service Providers, 1995.

Direct and Rebuttal Testimony before the Federal Energy Regulatory Commission regarding a proposed ratemaking method for an oil pipeline, and assessment of business risk claims. SFPP, L.P., Docket Nos. OR92-8-000, et al., 1995.

Direct Testimony before the California Public Utilities Commission regarding the adoption of customer presubscription for intraLATA toll services. In the Matter of Alternative Regulatory Frameworks for Local Exchange Carriers, Docket NO. I.87-11-003, 1995.

Direct Testimony before the Federal Communications Commission regarding competition in international outbound long distance markets. In the Matter of Market Entry and Regulation of Foreign-Affiliated Entities, IB Docket No. 95-22, 1995.

Expert Report, Deposition and Trial Testimony on behalf of U.S. Department of Justice: Economic analysis of the representative market or field price for natural gas produced in the East Texas and Gulf Coast during tax year 1984 conducted for the purpose of establishing depletion allowances. Exxon Corporation and Subsidiaries vs. United States, United States Claims Court, 1994.

Affidavit submitted on behalf of four regional Bell Operating Companies: Economic analysis of competition in long distance telecommunications. U.S. v Western Electric, Inc. and AT&T, Civil Action No. 82-0192 (HHG), 1994.

Direct Testimony before the Federal Energy Regulatory Commission on behalf of Texas Eastern Transmission Corporation: Analysis of market conditions in the natural gas industry for the purpose of evaluating gas purchase prudence issues. Docket No. RP93-125-000, 1993.

Direct Testimony before the Federal Energy Regulatory Commission on behalf of Texas Eastern Transmission Corporation: Analysis of the supply and demand conditions within which Texas Eastern purchased gas over the period 1978-1993. Docket No. RP85-177-102, et al, 1993.

Report: Analysis of the effects of Mojave's pipeline extension on gas transportation costs and rates in the State of California, for Pacific Gas and Electric Company, FERC Docket No. CP93-258-000, 1993.

Member of the Federal Energy Regulatory Commission task force on developing a framework for assessing competition in natural gas transportation (the Commissioner Terzic Task Force) 1992-1993 as representative for the Interstate Natural Gas Association of America.

Economic Analysis of refiners' passthrough of the citronelle (Oil Field Price Control) exception relief (with Joseph P. Kalt). Statement to the special refund procedures: The 341 Tract Unit of the Citronelle Field, LFX-0008, Office of Hearings and Appeals, US Department of Energy, 1992.

Direct and Rebuttal Testimony: Matter of arbitration involving ProGas Limited and Texas Eastern Transmission Corporation: Economic analysis regarding the re-determination of pricing provisions in a gas purchase contract, 1992.

Direct Testimony before the Federal Energy Regulatory Commission on behalf of Texas Eastern Transmission Corporation: Analysis of economic issues related to pipeline market power in Texas Eastern's service markets in the northeast. FERC Docket No. RS92-11-000, 1992.

Assessment of alternative techniques for valuing natural gas for severance tax purposes, for Marathon Oil Company, before the State of Alaska, Department of Revenue, Docket No. 89314, 1990.

Testimony and Report on the economic effects of Unitel Communication, Inc.'s application to provide public long-distance telephone service in Canada, for British Columbia Telephone Company, before the Canadian Radio-Telecommunications Commission, 1990 - 1991.

Direct and Rebuttal Testimony: Economic analysis of market power in the natural gas pipeline industry for Texas Eastern Transmission Company in Equitrans, Inc. v. Texas Eastern Transmission Corporation. FERC Docket No. CP90-2154-000, 1991 - 1992.

Comments on FERC notice regarding pipeline service obligations. Submitted to the Federal Energy Regulatory Commission on behalf of the Panhandle Eastern Corporation Pipeline Group, 1991.

Statement: Antitrust Issues in the Atlantic City Casino Industry, BPHC Acquisition Inc., et al. and BPHC Parking Corp. v. Boardwalk Properties, Inc., Penthouse International, Ltd., and Donald J. Trump, et al., 1990 - 1992.

Economic Analysis and Witness Testimony on antitrust issues involving dominant firm conduct in the movie distribution industry. U.S. v. Syufy Enterprises, before the U.S. District Court in San Francisco, 1988.

Airline Pilots Association v. Trans World Airlines. An assessment of the financial status of Trans World Airlines, before the Supreme Court of the State of New York, 1988.

Memorandum for the Templeton Foundation: "On Establishing a World Class Business School at Oxford University" by Paul W. MacAvoy, Merton Peck and Richard West, 1989.

Testimony and Report on the effects of bypass of the gas distribution pipelines in the California natural gas retail market, for Southern California Gas Company, before the Federal Energy Regulatory Commission, 1987 - 1988.

Research Report on the economic effects of airlines' computer reservations systems, for US Air et al. v. American and United Airlines, 1986 - 1988.

Research Report on the competitive effects of automobile company joint ventures, for Chrysler Corporation, to be presented to the U.S. District Court, District of Columbia, in Chrysler Corp. v. General Motors - Toyota, 1985 - 1986

Research Report on the economic effects of the sale of Conrail to the Norfolk Southern Railway, for the Norfolk Southern Railway, 1985 - 1986.

Direct Testimony on the economic impact of imports of Aramid Fibers on U.S. Domestic Kevlar Sales, for Akzo Chemicals Corporation, before the U.S. International Trade Commission in Investigation No. 337-TA-194, 1985 -1986.

Testimony on the competitive effects of the SFSP merger, for Santa Fe-Southern Pacific Corporation, before the Interstate Commerce Commission, in ICC Docket 30400, 1985.

Declaration of Paul W. MacAvoy on Behalf of the National Rural Telecommunications Cooperative

Testimony in Department of Transportation hearings regarding transfer of Pan American Airways Pacific routes to United Airlines, for Eastern Airlines, 1985.

Testimony before the U.S. Postal Rate Commission regarding cost allocation techniques in setting postal rates, for the Magazine Publishers Association, 1984 - 1985.

Testimony regarding long distance rate structures in New England telephone service, before the State of Maine Public Utilities Commission, Docket No. 83-213, 83-179, 1984.

Testimony on pricing strategies in regulated long distance telephone service markets, for American Telephone and Telegraph Company, in U.S. v. AT&T Co., 552 F. Supp. 131 (D.D.C. 1982) 1978 - 1982.

Consultant to the Regulatory Reform Task Force of the Economic Council of Canada, 1979 - 1981.

Consultant to the Federal Energy Office on econometric modeling of energy supply and demand, 1973 - 1975.

Testimony on the El Paso-Pacific Northwest gas pipeline merger, for the U.S. Senate Commerce Committee, Seattle, Washington, 1971.

Project Administrator for the Ministry of Finance of the Republic of Indonesia, on the efficiency of nationalized industry (on contract from the Harvard University Development Advisory Service), 1971 - 1974.

Consultant to the Economic Planning Board of Puerto Rico, on large-scale energy complexes, 1970 - 1971.

Consultant to the State Department, on large-scale desalting in Israel, 1966 - 1967.