

CURRICULUM VITAE

NAME: Bertram Price

BUSINESS ADDRESS:

Price Associates, Inc.
One North Broadway
White Plains, NY 10601
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EDUCATION: THE OHIO STATE UNIVERSITY

Ph.D., Mathematical Statistics, 1969
M.S., Mathematics, 1964

WITTENBERG UNIVERSITY

B.A., Mathematics, 1961

EMPLOYMENT HISTORY:

1987 - present PRICE ASSOCIATES, INC.

President. Designs and conducts statistical studies. Conducts studies concerning risk and risk management including environmental and occupational health regulatory issues. Develops and evaluates study designs, measurement methods, and data quality criteria.

1984-1987 MARSH & MCLENNAN COMPANIES

1986-1987: Marsh & McLennan, Incorporated. Vice President, Manager, Risk Assessment Consulting Group. Directed projects on risk management and environmental risk assessment.

1984-1986: National Economic Research Associates, Inc. Senior Consultant. Directed projects on statistical and environmental issues.

1979-1984 BATTELLE MEMORIAL INSTITUTE

1982-1984: Washington, D.C. Manager, Program Office for Statistical Studies. Managed contract with USEPA and directed studies of substances regulated under the Toxics Substances Control Act.

1979-1982: Columbus, Ohio. Associate Section Manager. Manager, Applied Statistics Group. Directed statistical studies with emphasis on environmental issues.

1976-1979 THE CONTINENTAL GROUP

Manager, Business Analysis. Statistical analysis and modeling for corporate planning.

1972-1976 NEW YORK UNIVERSITY

Assistant Professor, Graduate School of Business Administration.

1969-1972 IBM CORPORATE HEADQUARTERS

Business Scientist, Management Sciences Service Group. Mathematical modeling and statistical analysis for corporate planning.

1964-1969 THE OHIO STATE UNIVERSITY

Instructor, Department of Mathematics; Instructor and Consultant, Statistics Laboratory and Department of Preventive Medicine.

PROFESSIONAL ACTIVITIES:

Member of the American Statistical Association, the Society for Risk Analysis, the American Association for the Advancement of Science, the ASTM Committee D22 on Sampling and Analysis of Atmospheres, and ASTM Subcommittee D22.07 on asbestos measurement. Served on the American Statistical Association's Committee on Statistics and the Environment, the Ohio State University Alumni Advisory Council representing the College of Mathematical and Physical Sciences, and the peer review committee for EPA/EMSL-Cincinnati Laboratory. Invited participant, panel on Quality Assurance in Data Generation, the Rene Dubos Center for Human Environments and, EPA's Statistics Workshop on issues for evaluating the occurrence of Cryptosporidium in drinking water supplies. Referee for the Psychological Bulletin and book reviewer for Technometrics; Associate Editor, The American Statistician. Lecturer on Statistics, the George Washington University and formerly Adjunct Professor in the Department of Statistics, the Ohio State University. Author of numerous reports and articles on data analysis, modeling, and measurement, and co-author of Regression Analysis by Example, John Wiley & Sons.

TECHNICAL REPORTS, ARTICLES, AND PRESENTATIONS:

"Assessing Toxicity of Mixtures: The Search for Economical Study Designs," Human and Ecological Risk Assessment, Vol. 8, No. 2 (2002) (co-author).

"Evaluating Interaction Studies for Mixture Risk Assessment," Human and Ecological Risk Assessment, Vol. 7, No. 2 (2001) (co-author).

Standard Practice for Determining a Detection Limit for Asbestos Measurements Based on Counts, ASTM Standard D 6620, March 2001 (co-author)

"Trends in Incidence of Mesothelioma and Evaluation of Exposure to Asbestos." Presented at the International Workshop on the Health Effects of Chrysotile Asbestos: Contribution of Science to Risk Management Decisions, Quebec, and Canada. 1997. (co-author) Published in The Canadian Mineralogist, Special Publication 5, 2001.

"Risk Assessment for Asbestos and Management of Low Levels of Exposure to Chrysotile," Presented at the International Workshop on the Health Effects of Chrysotile Asbestos: Contribution of Science to Risk Management Decisions, Quebec, and Canada. 1997 (co-author) Published in The Canadian Mineralogist, Special Publication 5, 2001

"Cumulative Asbestos Exposure in Epidemiological Studies of Lung Cancer and Mesothelioma." Price Associates, Inc. January 25, 1999.

"Some Statistical Principles in Asbestos Measurement and Their Application to Dust Sampling and Analysis," (co-author) *Advances in Environmental Measurement Methods for Asbestos*, ASTM STP 3142, M.E. Beard, H.L. Rook, Editors, American Society for Testing and Materials, 1998.

"A Review of Carbon Disulfide Exposure Data and the Association between Carbon Disulfide Exposure and Ischemic Heart Disease Mortality," Regulatory Toxicology and Pharmacology, 26, (1997) (co-author).

"Analysis of Current Trends in United States Mesothelioma Incidence," the American Journal of Epidemiology, February 1, 1997.

"Study Outline: Assessment of the Santa Clara Valley Nonpoint Source Copper Load Attributable to Brake Pad Wear," prepared for T&N Industries and submitted to the Brake Pad Partnership, January 6, 1997 (co-author).

"A Benchmark Concentration for Carbon Disulfide: Analysis of the NIOSH Carbon Disulfide Exposure Database," Regulatory Toxicology and Pharmacology, October, 1996 (co-author).

"Review and Analysis: Studies Addressing the Association between Ischemic Heart Disease Mortality and Carbon Disulfide Exposure," prepared for the Carbon Disulfide Panel of the Chemical Manufacturers Association, August, 1996 (co-author).

Review of "Lead Exposures Associated with Renovation and Remodeling Activities: Environmental Field Sampling Study, Worker Characterization and Blood Study, and Summary Report." Peer review prepared for USEPA, Office of Pollution Prevention and Toxics, August 2, 1996.

"Study Design Notes for United States Postal Service Asbestos and Lead Based Paint Exposure Assessments," prepared with Roy F. Weston, Inc., July, 1996.

"Projected Decline In US Mesothelioma Incidence," Price Associates, Inc., W.R Grace & Company, February, 1996.

"Current Trends in Risk Assessment: Their Impact on Business and the Public," presented at the 1995 EHS Meeting, T&N Industries, October 24, 1995.

"A Benchmark Dose for Carbon Disulfide: Analysis of Nerve Conduction Velocity Measurements from the NIOSH Exposure Database," prepared for the Carbon Disulfide Panel of the Chemical Manufacturers Association, May, 1995 (co-author).

"Analysis of Factors Contributing to Lead in Household Dust: Accounting for Measurement Error," Lead Poisoning: Exposure, Abatement, Regulation. Edited by Joseph J. Breen and Cindy R. Stroup, Lewis Publishers, 1995 (co-author).

"Transmission Electron Microscopy and Its Application in EPA's Proposed Asbestos Worker Protection Rule." Prepared for the Resilient Floor Covering Institute for submission to EPA Docket OPPTS-62125, January 3, 1995.

Review of "Lead-Based Paint Testing: Field Evaluation." Peer review prepared for USEPA, Office of Pollution Prevention and Toxics, December 20, 1994.

Review of "Evaluation of Lead Test Kits." Peer review prepared for USEPA, Office of Pollution Prevention and Toxics, December 20, 1994.

Review of "Airborne Asbestos Concentrations During Low-Speed Spray-Buffering, Ultra High-Speed Burnishing, and Wet-Stripping of Resilient Floor Tile." Peer review prepared for USEPA, Risk Reduction Engineering Laboratory, Cincinnati, OH, September 21, 1994.

"Critique of USEPA's Regulatory Impact Analysis of the Proposed Rule to Add Certain Chemicals to the Toxics Release Inventory," prepared for the Ad Hoc Industry TRI Chemical Expansion Group of the Chemical Manufacturers Association, April 11, 1994 (co-author).

"Draft: A Review of Policy Trends Affecting Hazardous Waste Site Cleanup Decisions," Price Associates, Inc., January, 1994.

"Estimating Chemical Concentrations for Exposure Projections: Accounting for Nondetects and Sample Dilution," Price Associates, Inc., October, 1993 (co-author).

"Apportionment of Superfund Costs: Data Analysis for the 'Background Not Exceeded' Standard," Price Associates, Inc., May, 1993 (co-author).

Review of Chapter 4: Testing for Lead-Based Paint. The Lead-Based Paint: Interim Guidelines for Hazard Identification and Abatement in Public and Indian Housing. Peer review prepared for the Office of Lead-Based Paint Abatement and Poisoning Prevention, U.S. Department of Housing and Urban Development, January 11, 1993.

"Custodian and Maintenance/Repair Worker Exposure to Airborne Asbestos: A Review of the Air Monitoring Database," prepared for the Safe Buildings Alliance. Submitted to the Occupational Safety and Health Administration Docket No. H-033e, December 28, 1992 (co-author).

Review of "Technical Bulletin: Guidance for Using Spectrum Analyzer XRF Devices to Detect and Quantify Lead-Based Paint." Peer review prepared for the Office of Lead-Based Paint Abatement and Poisoning Prevention, U.S. Department of Housing and Urban Development, December 17, 1992.

Review of "Statistical Methods Used in Hazard Identification and Abatement of Lead-Based Paint in Public and Indian Housing." Peer review prepared for the Technical Programs Branch, Chemical Management Division, U.S. Environmental Protection Agency Office of Pollution Prevention and Toxics, December 18, 1992.

"Exposure Inferences from Airborne Asbestos Measurements in Buildings." Presented at IAQ'92 (ASHRAE/ACGIH/AIHA). October, 1992 (co-author).

"The Role of Detection Limits in Regulatory Monitoring Programs: A Critique." Prepared for the Quality Assurance Management Staff, Office of Research and Development, USEPA, September 30, 1992 (co-author).

"Airborne Asbestos Levels in Buildings: Maintenance Worker and Occupant Exposures," Journal of Exposure Analysis and Environmental Epidemiology, Vol. 2, No. 3, 1992 (co-author).

"Analysis of Factors Contributing to Lead in Household Dust: Accounting for Measurement Error." Presented at the Symposium on Lead Poisoning in Children: Exposure, Abatement and Program Issues, the American Chemical Society, Division of Environmental Chemistry. August, 1992 (co-author).

"Detection Limits: Alternative Definitions and Computational Formulas in EPA Literature." Prepared for the Quality Assurance Management Staff, Office of Research and Development, USEPA, May 22, 1992.

"Review of Studies Addressing Relationships Between Lead in Household Dust, Lead in Soils, and Lead-Based Paint." Draft Report prepared for the Design and Development Branch, Exposure Evaluation Division, U.S. EPA Office of Pollution Prevention and Toxics, March 31, 1992.

Review of "Monitoring of Asbestos Fiber Release During Maintenance of Asbestos Containing Floor Tile: A Case Study." Peer review prepared for the Exposure Evaluation Division, U.S. EPA Office of Pollution Prevention and Toxics, March 13, 1992.

"Maximum Contaminant Levels (MCLs) and the Effects of Analytical Uncertainty," submitted to the Environmental Protection Agency Phase V Docket concerning National Primary Drinking Water Regulations - Synthetic Organic Chemicals and Inorganic Chemicals, December 30, 1991.

"Briefing on Method Detection Limits," prepared for the Quality Assurance Management Staff, The Office of Research and Development, USEPA, September, 1991.

Regression Analysis by Example, 2nd edition, Wiley Series in Probability and Statistics, John Wiley & Sons, Inc., August, 1991 (co-author).

"Airborne Asbestos Concentrations Measured During 'Small Scale, Short Duration' Maintenance, Repair, and Removal Activities," prepared for the Safe Buildings Alliance. Submitted to the Occupational Safety and Health Administration Docket No. H-033e, April 26, 1991 (co-author).

"The Effects of Measurement Error on Survey Estimates of the Characteristics of Lead-Based Paint in Privately Owned Housing," Price Associates, Inc., April, 1991.

Testimony in Public Hearings on Proposed Rule on Occupational Exposure to Asbestos, Tremolite, Anthophyllite and Actinolite before the Occupational Safety and Health Administration, February 7, 1991.

Review of "Evaluation of the Asbestos Hazard Emergency Response Act (AHERA)" Peer review prepared for the Economics and Technology Division, USEPA Office of Toxic Substances, February 1, 1991.

"Frequency and Duration of 'Small Scale Short Duration' Asbestos Maintenance, Repair and Removal Activities," prepared for the Safe Buildings Alliance. Submitted to the Occupational Safety and Health Administration Docket No. H-033e, November 30, 1990 (co-author).

"Analysis of Laboratory Data Quality in the New York State Drinking Water Program," prepared for the Quality Assurance Management Staff, The Office of Research and Development, USEPA, September, 1990.

"An Approach for Establishing Analytical Method Detection Limits for Regulatory Monitoring Programs," prepared for the Quality Assurance Management Staff, The Office of Research and Development, USEPA, September, 1990.

"In-place Asbestos: A Perspective for the 1990's," presented at Conference on Asbestos in New York City Buildings: New Solutions for the 1990's, sponsored by The Real Estate Institute of New York University, April 25, 1990.

"The Intralaboratory Approach to Quality Control: An Illustration Focusing on the Number of Samples Required," prepared for the Quality Assurance Management Staff, Office of Research and Development, USEPA, February, 1990.

Testimony on federal asbestos regulations and guidance, presented in a hearing on South Carolina State Senate Bill 592 (statute of limitations for recovering costs of asbestos removal) before a subcommittee of the South

Carolina Senate Judiciary Committee, February, 1990.

"Assessing Asbestos Exposure Potential in Buildings," Proceedings: Symposium On Health Aspects Of Exposure To Asbestos In Buildings, Energy and Environmental Policy Center, John F. Kennedy School of Government, Harvard University, December, 1989.

"Cost Analysis of Proposed New York City Regulations for In-Place Asbestos," prepared for the Safe Buildings Alliance, September, 1989.

Testimony on Int. No. 1164-A (proposed legislation on in-place asbestos) before the New York City Council, Committee on Environmental Protection, July 7, 1989.

"Compliance Monitoring for Worker Inhalation Exposure: A Generic Approach for PMNs and SNURs," Draft prepared for the USEPA Office of Toxic Substances, Design and Development Branch, February, 1989.

"Quality Control Guidance," Draft Report prepared for the USEPA Office of Toxic Substances, Design and Development Branch, February, 1989 (co-author).

"Final Report on the Public's Risk of Exposure to In-Place Asbestos," Prepared for the City of New York Department of Environmental Protection, by Westat in affiliation with Price Associates, Inc., December 1, 1988.

"Proficiency Programs: EPA Tests the Radon Testers," Indoor Pollution Law Report, Leader Publications, November, 1988.

"Statistical Sampling and Chemical Analysis Error Effects on Carcinogenic Risk Estimates," Draft Final Report prepared for the USEPA Office of Toxic Substances, September, 1988 (co-author).

"Interim Report on the Assessment of the Public's Risk of Exposure to In-Place Asbestos," Prepared for the City of New York Department of Environmental Protection with Westat, August 1, 1988.

"The Intralaboratory Approach to Quality Control for Environmental Monitoring Systems: A Preliminary Evaluation Using Computer Simulation," Final Report prepared for USEPA Office of Research and Development, Quality Assurance Management Staff, July, 1988 (co-author).

"Final Report: Assessing Asbestos Exposure in Public Buildings," Prepared for the USEPA Office of Toxic Substances, EPA 560/5-88-002, May, 1988 (co-author).

"Overview of Asbestos Problems and the Federal Regulatory Scheme," Handling Asbestos Problems in Colorado Real Estate, Continuing Legal Education in Colorado, May, 1988.

"Quality Control Issues in Testing Compliance with a Regulatory Standard: Controlling Statistical Decision Error Rates," in ASA/EPA Conferences on Interpretation of Environmental Data: IV Compliance Sampling. EPA-230-03-047. Office of Policy Planning and Evaluation. Washington, D.C., 1987.

"Comment on Environmental Monitoring, Statistics, and Law: Room for Improvement," The American Statistician, November, 1987.

"Draft Report: Statistical Support Document for the TEM Asbestos Clearance Procedure," Prepared for the USEPA Office of Toxic Substances, November, 1987 (co-author).

"Air Monitoring for Asbestos: Discussion and Recommendations for the New York City Department of Environmental Protection Study - Assessment of the Risk of Exposure to the Public of In-Place Asbestos," Prepared for NYC DEP under subcontract to Westat, September, 1987 (co-author).

"Report on Workshops Regarding AHERA Section 213: A Study to Assess the Need for Asbestos Regulations in Public and Commercial Buildings," Prepared for USEPA Office of Toxic Substances, September, 1987 (co-author).

"Study Design - Assessment of the Public's Risk of Exposure to In-Place Asbestos," Prepared for NYC DEP, August, 1987 (co-author).

"Guidance for Assessing and Managing Exposure to Asbestos in Buildings," Prepared for USEPA Office of Toxic Substances, November, 1986 (co-author).

"Cost-Risk Analysis of Three Options for Hazardous Waste Incineration," for Waste-Tech Services Inc., April 1986 (co-author).

"Method Validation as a Dynamic Process," Final Draft Report Prepared for USEPA Office of Research and Development, Quality Assurance Management Staff, April 1986.

Review of "Underground Motor Fuel Storage Tanks: A National Survey" for USEPA, Office of Toxic Substances, March 1986.

Statistical Support Document for Asbestos in Buildings: Simplified Sampling Scheme for Friable Surfacing Materials," USEPA Office of Toxic Substances, EPA 560/5-85-030b, December, 1985 (co-author).

Review of "Total Exposure Assessment Methodology (TEAM) Study: Selected Communities in Northern and Southern California" for USEPA, Office of Toxic Substances, November 1985.

"Coping with PCBs: Balancing Costs and Risks," Presented at the Fourth Annual PCB Regulatory Briefing, November 1985, Washington, D.C.

"Statistical Issues in Measuring Airborne Asbestos Levels Following an Abatement Program," Environmental Applications of Chemometrics ACM Symposium Series No. 292, J.J. Breen, P.E. Robinson Eds, November, 1985 (co-author).

"Draft Report on Data Quality Objectives for Method Validation Studies," Prepared for USEPA Office of Research and Development, Quality Assurance Management Staff, October 1985.

"Asbestos in Buildings: Simplified Sampling Scheme for Friable Surfacing Materials," USEPA Office of Toxic Substances, EPA 560/5-85-030a, October, 1985 (co-author).

"Review of Final Remedial Investigation Report, Johns Manville Waukegan Disposal Site," Prepared for USEPA Office of Toxic Substances, Exposure Evaluation Division, September 1985.

Review of How to Tell the Liars from the Statisticians by R. Hooke, Marcel Dekker in Technometrics, August 1985.

"Guidance for Controlling Asbestos-Containing Materials in Buildings," USEPA Office of Toxic Substances, EPA 560/5-85-024, June 1985 (co-author).

"Review of Methodology used by The Environmental Monitoring and Support Laboratory of Cincinnati in Calculating Control Limits for the Series 600 Analytical Methods (304h)," Prepared for EPA/ORD/QAMS, May 1985 (co-author).

"Coping With PCBs: Balancing Costs and Risks," Proceedings of the Sixth Annual North American Meeting of the International Association of Energy Economists, San Francisco, California, November 1984.

"PCBs: Regulatory Update and Risk Management Perspective," Prepared for The Energy Research Group, November 1984.

"PCB Risks in Nuclear Power Plants," Prepared for Nuclear Electric Insurance Limited and Nuclear Mutual Limited, November 1984 (co-author).

"Risk Analysis Applied to PCB Electrical Equipment Replacement Programs," Clayton Environmental Consultants Newsletter, No. 17, October 1984.

"Risk Analysis of the Pacific Power and Light Company PCB Handling and Disposal Program," Prepared for Pacific Power and Light, October 1984.

"Peer Review Report on the Quality Assurance Branch," EMSL-Cincinnati, Prepared for USEPA, Office of Research and Development, September 1984.

"Comments on the Service Employees International Union (SEIU) Asbestos Petition," Presented at Public Hearings held by USEPA in Washington, D.C., May 7, 1984.

"Airborne Asbestos Levels in Schools," USEPA Office of Toxic Substances, EPA-560/5-81-006, June, 1983 (co-author).

"Guidance for Controlling Friable Asbestos-Containing Materials in Buildings," USEPA Office of Toxic Substances, EPA 560/5-83-002, March, 1983 (co-author).

"Acquisition of Air Pollution Data to Obtain A 24-Hour Exposure Profile," Proceedings: Measurement and Monitoring of Non-Criteria (Toxic) Contaminants in Air, Air Pollution Control Association, 1983 (co-author).

"The Expectations Gap in Statistical Studies: Are Statisticians Poor Planners?" Invited Address on The Statistician's Role in Experimental Planning and Design, 1982 Annual Meeting of The American Statistical Association, August, 1982.

"Discussion: Panel on Training Statisticians for Employment in Industry and Government," Teaching of Statistics and Statistical Consulting, J.S. Rustagi and D.A. Wolfe, editors, Academic Press, 1982.

"Airborne Asbestos Levels in Schools: Design Study," USEPA Office of Toxic Substances, EPA-560/5-81-006, July, 1981 (co-author).

"Airborne Asbestos Levels in Schools: A Design Study," prepared for USEPA Office of Toxic Substances, 1980 (co-author).

"Asbestos in Schools," USEPA Office of Toxic Substances, EPA 560/5-81-002, March, 1981 (co-author).

"Cadmium in Food," prepared for USEPA Office of Toxic Substances, 1980 (co-author).

"Feasibility of Using Statistical Sampling Methods to Monitor the Level of Cathodic Protection," Prepared for the American Gas Association, Pipeline Research Committee, 1980.

"Simple Models and the Comparison of Monitoring Rules Related to National Ambient Air Quality Standards," Proceedings, 1980 National DOE Statistical Symposium (co-author).

"Analysis of Variability Associated with the Measurement of Fiber Concentration by Phase Microscopy and Transmission Electron Microscopy," prepared for USEPA Office of Toxic Substances, 1979 (co-author).

"Asbestos Detection Validation," prepared for USEPA Office of Toxic Substances, 1979 (co-author).

"Protocol for a Field Study to Intercompare Methods for Measurement of Nitric Acid and Aerosol Nitrate in Ambient Air," Battelle Memorial Institute, 1979 (co-author).

"Statistical Analysis of Monitoring Rules Related to the National Ambient Air Quality Standard for Sulfur Dioxide Concentrations," prepared for Porter, Wright, Morris, & Arthur, Battelle Memorial Institute, 1979 (co-author).

"Alternative Rules for Drafting in Professional Sports," Management Science in Sports, R.E. Machol, et al. editors, TIMS Studies in the Management Sciences, Vol. 4, North Holland, 1977 (co-author).

Regression Analysis by Example, Wiley Series in Probability and Statistics, John Wiley & Sons, Inc., 1977 (co-author).

"A Model for Evaluating Player Performance in Professional Basketball," in Optimal Strategies in Sports, R.E. Machol, et al, editors, TIMS Studies in the Management Sciences, North Holland, 1977 (co-author).

"Ridge Regression: Application to Non-Experimental Data," Psychological Bulletin, 84(4), pp. 759-766, 1977.

"A Note on Estimation in Bernoulli Trials with Dependence," Communications in Statistics, A5(7), pp. 661-671, 1976.

"Probability Computations for an Extension of the Geometric Distribution," Communications in Statistics, A5(11), 1976 (co-author).

"Replicating Sequences of Bernoulli Trials in Simulation Modeling," Journal of Computers and Operations Research, 99, 1976.

"Probabilistic Aspects of Planning a Television Quiz Program," NYU-GBA Working Paper Series (74-51) 1974 (co-author).

"Ratio Estimates in Monte Carlo Simulations," Proceedings of the 1974 Winter Simulation Conference (co-author).

"Antithetic Variates in System Simulation," NYU-GBA Working Paper Series (73-80) 1973.

"The Effects of Corporate Profits on Data Processing Volumes," IBM Corporate Management Science, 1972.

"Cash Forecasting Model," IBM Corporate Management Science, 1971.

Distribution Free Estimation, dissertation submitted in partial fulfillment for the Ph.D degree to the Ohio State University, 1969.

"Index Simulation Feasibility and Automatic Document Classification," Battelle Memorial Institute, 1968 (co-author).

TRIAL TESTIMONY

Expert Witness Report and testimony in the United States District Court for the Eastern District of Washington in class certification hearing, Marco Barbanti versus W. R. Grace & Company, et al. on asbestos regulatory history, risk, and risk communication, on behalf of W. R. Grace, 2000.

Expert Witness Report and testimony before the Center for Public Resources Institute for Dispute Resolution ADR Proceeding in Armstrong World Industries, Inc., v. Aetna Casualty and Surety Company on asbestos exposure levels associated with the installation and use of various products that contain asbestos and the relative significance of health risks associated with these exposures, on behalf of Armstrong World Industries, 1998.

Expert Witness Report and testimony before the Supreme Court of the State of New York, County of Suffolk, State of New York, Thomas C. Jorling, as Commissioner of Environmental Conservation, David Harris, M.D., as Commissioner of the Department of Health Services of Suffolk County, Suffolk County Water Authority v. Fermenta ASC Corporation and SDS Biotech Corporation, on a statistical analysis of data collected in a ninety day toxicity study of rats exposed to tetrachloroterephthalate, on behalf of Fermenta ASC Corporation and SDS Biotech Corporation, 1995.

Expert testimony before the Superior Court of the State of California, County of San Francisco, The Flintkote Company v. American Mutual Liability Insurance Company, et al. concerning asbestos regulations, fiber release from vinyl asbestos floor tile, the potential for exposure to airborne asbestos fibers, and managing asbestos containing products, on behalf of the Flintkote Company, 1991.

Expert testimony before the United States District Court for the District of Colorado, St. Vrain Valley School District No. RE1J & El Paso County School District No. 11 v. Grace & Co., et al., concerning federal regulations and the regulatory process applied to asbestos-containing floor tile, on behalf of GAF, 1991.

Expert testimony before the United States District Court for the District of Colorado, Adams-Arapahoe School District v. Celotex Corporation, et al., concerning federal regulations and the regulatory process applied to asbestos-containing floor tile, on behalf of GAF and Flintkote, 1990.

Expert testimony before Superior Court of the State of California, City and County of San Francisco, Asbestos Insurance Coverage Cases, on exposure studies and the potential for exposure to airborne asbestos fibers, on behalf of Armstrong World Industries, Inc., 1988.

Expert Witness Report and testimony before the United States District Court, Eastern District of New York, Cullen v. Margiotta on statistical estimates of the number of workers employed by Nassau County Government contributing approximately 1% of their salaries to the Nassau County Republican Committee, on behalf of the Nassau County Government, 1985.

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