

PLAINTIFF'S
EXHIBIT
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J. LeRoy Balzer, Ph.D.
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EDUCATION

Ph.D. Environmental Health Sciences University of California, Berkeley, California	1971
M.S. Public Health / Preventive Medicine / Industrial Hygiene University of California, Los Angeles, California	1963
B.S. Microbiology / Public Health University of California, Los Angeles, California	1962
Stanford Executive Program Stanford University, Palo Alto, California	1977

EXPERIENCE

CONSULTING INDUSTRIAL HYGIENIST 1985-

- Industrial hygiene, occupational and environmental health and safety
- Expert testimony / forensic science / state of the art

UNIVERSITY OF CALIFORNIA, SAN FRANCISCO 1993-

- Retired Assistant Vice Chancellor, Environmental Health and Safety
- Assistant Clinical Professor, School of Medicine
- Guest lecturer, School of Nursing
- Member of U.C. President's Council on National Laboratories, Panel on Environment, Safety and Health

UNIVERSITY OF CALIFORNIA, SAN FRANCISCO 1987-1993
ASSISTANT VICE CHANCELLOR, ENVIRONMENTAL HEALTH AND SAFETY

- Managed environmental health and safety programs, including biological safety, chemical safety, environmental health, fire safety, hazardous waste, industrial hygiene, occupational health, radiation safety and safety science
- Managed a \$4 million departmental budget with a staff of sixty-five
- Supervised health, safety, and environmental policy for the San Francisco campus and its extensive satellite locations
- Represented the University on health, safety, and environmental issues before local and state groups and agencies
- Lectured and researched in the School

BHP-UTAH INTERNATIONAL, INC., San Francisco, California 1971-1987
MANAGER MARKETING THERMAL COAL AND NON-FERROUS METALS 1983-1987
MANAGER CORPORATE MARKETING, INFORMATION AND RESEARCH

- Participated in developing strategy for mineral sales financing and contract agreements
- Managed a \$2 million international marketing research department with a staff of 17 people
- Coordinated international and domestic sales support programs including development of a corporate market strategy for five commodities
- Supervised and planned budgets and tracked overall marketing activities for 60 people with an annual budget of \$7 million
- Organized market coverage and analysis system for more than 200 customers in 50 countries with annual sales of \$1.5 billion

DIRECTOR ENVIRONMENTAL QUALITY 1971-1983

- Organized the corporate environmental and industrial hygiene programs
- Managed a corporate environmental program budget of \$23 million with a staff of 14 professionals
- Established, developed, implemented, negotiated and monitored an environmental and risk management program in five countries and the United States
- Effectuated responses to environmental legislative and regulatory issues
- Managed health, safety, toxic waste, water, air quality and hazardous risk analysis programs (OSHA, NEPA, RCRA and other state, federal and international laws and regulations)
- Represented the corporate position on application for operations before state, federal, international and special interest groups

UNIVERSITY OF CALIFORNIA, BERKELEY 1963-1971
INDUSTRIAL HYGIENIST AND ENGINEERING SPECIALIST 1966-1971

- Directed and participated in industrial hygiene and air quality research programs in the Schools of Public Health, Mechanical and Civil Engineering
- Actively managed \$0.75 million of government, private and foundation grants
- Organized a full health and safety program for the Western States Asbestos Union
- Coordinated and conducted industrial hygiene consulting for a number of domestic and international corporations

HEALTH AND SAFETY TECHNICIAN 1963-1966

- Participated in industrial hygiene, safety, health, biological and physical sciences safety, radiation, animal care and air monitoring programs
- Managed compliance programs for local, state and federal laws and regulations

PROFESSIONAL AFFILIATIONS

American Chemical Society
 American Conference of Governmental Industrial Hygienists-Affiliate
 American Industrial Hygiene Association
 American Society of Safety Engineers
 International Commission on Occupational Health
 Sigma Xi Honorary Society

February, 1996

J. LEROY BALZER, PH.D.

SELECTED PUBLICATIONS

- Balzer, J.L.: "Industrial Hygiene for Insulation Workers." *Journal of Occupational Medicine*, Pg. 25-31, September 29, 1967.
- Balzer, J.L. and Cooper, W.C.: "The Work Environment of Insulating Workers." *AIHAJ* Volume 29, May-June 1968.
- Cooper, W.C. and Balzer, J.L.: "Evaluation and Control of Asbestos Exposures in the Insulating Trade." *Proceedings of the Second International Conference on the Biological Effects of Asbestos*, Dresden, Germany, April 1968.
- Balzer, J.L.: "Environmental Exposures in the Insulation Trade." *NICA OUTLOOK*, February 1970.
- Balzer, J.L.: "Guide for Respirable Mass Sampling." *AIHAJ* Vol. 31, March-April 1970.
- Lin, J., Balzer, J.L., Wolf, C.R., and Milby, T.H.: "Fiber Glass R-Inforced Plastics." *Associated Occupational Health Problems*, *Arch. Environ. Health*, Vol. 20, April 1970.
- Tebbens, B.D., Balzer, J.L. and Fowler, D.P.: "Health Effects of Particulate Air Pollution: Characterization of Compact and Fibrous Components." *Project Clean Air*, University of California, Berkeley, Vol. 2 No. S-17, September 1970.
- Tabershaw, I.R., Cooper, W.C., and Balzer, J.L.: "A Labor-Management Occupational Health Service in a Construction Industry." *Archives of Environ. Health* 21: December 1970.
- Fowler, D.P., Balzer, J.L. and Cooper, W.C.: "Exposure of Insulation Workers to Airborne Fibrous Glass." *AIHAJ* 32:86-91, Feb. 1971.
- Balzer, J.L.: "Aerodynamic Behavior of Fibrous Aerosols: Relationship to Selective Sampling." Ph.D. Dissertation, University of California, Berkeley, 1971.
- Balzer, J.L., Cooper, W.C. and Fowler, D.P.: "Fibrous Glass Lined Air Transmission Systems: An Assessment of their Environmental Effects." *AIHAJ* 32:8, 512-518, 1971.
- Balzer, J.L., Fowler, D.P. and Cooper, W.C.: "Dust-Producing Potential of Construction Materials." *Safety and Health in Shipbuilding and Ship Repairing*, 30 August -2 September 1971, Occupational Safety and Health Series, International Labour Office - Geneva, 1972.
- Balzer, J.L.: "Inertial and Gravitational Collectors". *Air Sampling Instruments for Evaluation of Atmospheric Contaminants*, 4th ed. 1972.
- Balzer, J.L.: "Environmental Data: Airborne Concentrations Found in Various Operations", *Occupational Exposure to Fibrous Glass Symposium*, U.S. Dept. of HEW, Public Health Service, Pg. 82-89, April 1976.
- Heinsohn, P., Jewett, D.L., Balzer, J.L., Bennett, C.H., Scipel, P. and Rosen, A.: "Aerosols Created by Some Surgical Power Tools: Particle Size Distribution and Qualitative Hemoglobin Content." *Applied Occupational Environmental Hygiene*, September 1991.