

National Advisory Council for Environmental Policy and Technology
Waste Isolation Pilot Plant Subcommittee
Members

Chairperson

Ms. Susan Wiltshire

As Vice President of JK Research Associates in Hamilton, Massachusetts, Ms. Wiltshire specializes in the formulation of public policy and the involvement of diverse interests in the making of technical/social decisions. She bridges the gaps among local residents, state regulators, American Indian tribal governments, academics, federal agencies, and national environmental groups so that people can communicate with each other about values, risks, decision-making practices, technologies and other issues. Ms. Wiltshire serves on the Secretary of Energy Advisory Board and on several National Academy of Science/National Research Council committees including the Committee on Risk Perception and Communication, the Panel on Separations Technology and Transmutation Systems, and the Committee on Technical Bases for Yucca Mountain Standards. She developed her skills in policy analysis, conflict resolution, and communication about controversial topics through extensive experience as a citizen activist and elected local official.

Members

Dr. Robert J. Budnitz

Dr. Budnitz, an experimental physicist by training, has been involved with nuclear reactor safety and radioactive waste management for many years. As founder and President of Future Resources Associates, Inc., in Berkeley, he is a private consultant on reactor safety and radioactive waste management. From 1967 to 1978, he was on the staff of the Lawrence Berkeley Laboratory (LBL), including three years as Director of LBL's Energy and Environment Division. In 1978-1980, he was the Deputy Director and then the Director of the Office of Nuclear Regulatory Research at the U.S. Nuclear Regulatory Commission. He chairs the National Academy of Sciences' (NAS) Committee on Remediation of Buried and Tank Wastes. He is also a member of the NAS Committee on the Technical Basis for Yucca Mountain Standards. He is the U.S. representative to the Safety Review Group of the European Bank for Reconstruction and Development, responsible for advising on the safety-backfit program for the eastern-European reactors of Soviet design. Dr. Budnitz also currently chairs a three sponsor committee (NRC/DOE/EPRI) to develop an improved methodology for seismic hazard analysis.

Ms. Judith Espinosa

Ms. Espinosa was appointed by Governor Bruce King as the first Cabinet Secretary of the New Mexico Environment Department. A native New Mexican, she previously served as Director of the Albuquerque/Bernalillo County Vehicle Pollution Management Program and also previously served as New Mexico's Secretary of Transportation. Her experience in the private sector includes work as an intergovernmental specialist, the owner of a health care consulting firm and a private law practice. She holds a Bachelors of Science degree in Nursing from the University of New Mexico, a Masters in Public Health Administration from the University of California-Los Angeles, and a law degree from the University of New Mexico.

Dr. Rodney Ewing

Dr. Ewing is a Professor in the Department of Earth and Planetary Sciences at the University of New Mexico. He is a fellow of the Geological Society of America and the Mineralogical Society of America and a member of the Electron Microscopy Society of America, the Geochemical Society, American Geophysical Union, the Mineralogical Association of Canada, AAAS, Sigma Xi and the New Mexico Geological Society. His research interests include radiation effects in and heavy-particle interactions with crystalline materials; the structure and crystal chemistry of complex Nb-Ta-Ti oxides; the application of "natural analogues" to the evaluation of the long-term stability of radioactive waste forms; the low temperature corrosion of silicate glasses; and the application of synchrotron radiation and high resolution transmission electron microscopy to the study of geologic and ceramic materials. He is co-editor of and a contributing author to a monograph entitled "Radioactive Waste Forms for the Future". Professor Ewing also serves on National Research Council committees for the National Academy of Sciences panels which review the Waste Isolation Pilot Plant in New Mexico and the Remediation of Buried and Tank Wastes at Hanford, Washington and INEL, Idaho.

Dr. Adam Finkel

Dr. Finkel has been a fellow at the Center for Risk Management at Resources for the Future since 1987. Currently, he has responsibility for the Center's Rational Risk Reduction Program, a series of research and outreach activities examining the strengths and limitations of risk assessment for setting national environmental priorities. His primary research interests are: quantifying and communicating the uncertainties in risk estimates, accounting for variations in human susceptibility to environmental pollution, and the role of personal values and world-views in environmental risk assessment and management. He holds an Sc.D. in environmental health sciences from the Harvard School of Public Health, a master's degree in public policy from the John F. Kennedy School of Government, and an A.B. in biology from Harvard College. He has published more than 30 articles on risk assessment and management, and he is currently editing a book on environmental priority-setting.

Mr. Dwight Hoenig

Mr. Hoenig is the General Manager of Mittelhauser Corporation's Northern California Office, in Pleasanton California. He has been with the firm in that capacity for over four years. Prior to becoming a private consultant, he spent five years as the Regional Administrator of the Toxics Division of the California Department of Health. Before coming to California, Mr. Hoenig spent eight years with the U.S. EPA at the Dallas Regional Office. While there he served as the Section Chief for Groundwater Protection Programs and was Chief of Superfund Operations. Prior to joining EPA, he was an exploration geologist with Hunt Oil Company. His educational background includes a Bachelor of Science degree in Geology from Washington State University and a Masters of Science degree from the University of Texas.

Ms. Linda Lehman

Ms. Lehman is the President of L. Lehman & Associates, Inc. which has offices in Minneapolis, Minnesota and Moscow, Russia. The firm specializes in regulatory analysis and performance assessment of high-level and low-level disposal facilities. Her project experience includes preparation and review of policy, regulatory, and technical documents; computer models; site selection criteria; regulations and facility design requirements; international technology exchanges; and Russian nuclear regulatory structure analysis. Prior to starting her firm, Ms. Lehman was a hydraulic engineer with the U.S. Nuclear Regulatory Commission where she specialized in performance assessment and in the development of technical siting criteria for high-level nuclear waste disposal facilities.

Dr. James Martin

Dr. Martin is an Associate Professor of radiological health at the University of Michigan's School of Public Health. His research, teaching, and service all focus on radiation protection: radiation physics, radioactive waste management, radiological assessment, radioanalytical measurements, internal radiation dosimetry, and radiation protection standards. He is Project Director at the International Low-Level Radioactive Waste Research and Education Institute and Co-Director of the Michigan Radon Research and Training Center. He has written publications about health physics issues and has also served on numerous committees that addressed related issues.

Mr. Robert Neill

Mr. Neill is Director of the New Mexico Environmental Evaluation Group, an organization established to perform a continual, independent technical evaluation of the Waste Isolation Pilot Plant project. He is Chairman of the Radiological Health Section of the American Public Health Association. He is a member of the National Academy of

Sciences Panel on Uranium Mill Tailings, the Advisory Panel on Nuclear Weapons Environmental Cleanup and the Advisory Panel on Management of Nuclear materials from Nuclear Weapons for the U.S. Congressional Office of Technology Assessment, the Technical Advisory Committee on MRS for the State of Tennessee, the Institutional/Environmental Review Group for the Crystalline Rock Project at Battelle National Laboratory, and the Carbon-14 Subcommittee for the U.S. EPA's Science Advisory Board. He also acts as a temporary advisor to the World Health Organization. Mr. Neill has written numerous publications on radiation issues.

Dr. Jonathan Samet

Dr. Samet is presently a Professor of Medicine and Chief of the Pulmonary and Critical Care Division at the University of New Mexico School of Medicine. He received an A.B. from Harvard College in chemistry and physics, an M.D. from the University of Rochester, and an M.S. in epidemiology from the Harvard School of Public Health. His research has involved the use of epidemiologic methods to investigate the health effects of environmental and occupational agents. He has published widely on the health consequences of air pollution and cigarette smoking. He was consulting scientific editor for the 1986 U.S. Surgeon General's Report on involuntary smoking and senior scientific editor for the 1990 Report on Smoking Cessation.

Dr. Chris Whipple

Dr. Whipple is a vice president of ICF Kaiser Engineers in their Oakland, California office, in which the major activity is conducting applied risk assessments for both private clients and government agencies. He holds a Ph.D. and M.S. in engineering science from the California Institute of Technology and a B.S. in engineering science from Purdue University. As a nationally known expert in the fields of risk analysis and radioactive waste management, he currently chairs the National Academy of Science's (NAS) Board on Radioactive Waste Management and serves on its panels on the Waste Isolation Pilot Plant and on the Technical Bases for Yucca Mountain Standards. He chaired the International Atomic Energy Agency coordinated research program on risk criteria for the nuclear fuel cycle, and has served on numerous other NAS committees, including those dealing with health and ecological effects from synfuels, nuclear safety research, and risk perception and communication. He serves on the National Council on Radiation Protection and Measurements Committee 64 on Radionuclides in the Environment and on the editorial boards of "Risk Analysis" and "The Environmental Professional", and on the Technical Advisory Committee for UCLA's Risk and Systems Analysis for the Control of Toxics Program.

Ms. Marcia Williams

Ms. Williams is President of Williams & Vanino, Inc., a consulting firm in Los

Angeles, California that specializes in helping companies establish and strengthen environmental management programs and respond proactively to upcoming regulations and legislation. Prior to starting her own firm, she was Divisional Vice President of Environmental Policy and Planning at Browning-Ferris Industries (BFI). She was responsible for developing a corporate environmental management program and for representing BFI on environmental matters. Before joining BFI, Ms. Williams spent 18 years working for the U.S. Environmental Protection Agency. She holds a B.S. degree in math and physics from Dickinson College. She did graduate work in physics at the University of Maryland.→