

INSTITUTE FOR PUBLIC TRANSPORTATION

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ROBERT N. RICKLES, PhD. P.E.

EDUCATION

B.Ch.E., 1956, Rensselaer Polytechnic Institute

M.Ch.E., 1958, University of Delaware

Ph.D. in Chemical Engineering, 1962, Polytechnic Institute of Brooklyn

BACKGROUND

Dr. Rickles is one of America's leading environmental consultants and civic leaders.

From 1974-79, Dr. Rickles was a senior official of WAPORA, a major national consulting firm. At WAPORA, Dr. Rickles provided technical assistance and guidance in regulatory matters to major American and Foreign corporations and to the U.S. Government.

As Executive Director and Founder of the Institute for Public Transportation, a nonprofit organization, Dr. Rickles is involved in the improvement of public transportation. As an author, lecturer and civic activist, Dr. Rickles provides leadership on environmental, energy and government reform issues. He also serves without remuneration as an adviser to governments and government officials.

He has assisted the states of Connecticut, Rhode Island and Wisconsin in establishing public authorities to deal with their resource recovery and solid waste disposal problems. He also served as counsel to the Speaker of the New York State Assembly on Public Authorities. He is currently counsel to the Joint Legislative Commission on Energy Systems in New York State.

As the Commissioner of Air Resources for the City of New York from 1970 to 1972, Dr. Rickles directed the nation's largest municipal air and noise pollution agency. Under his leadership, New York City passed some of the most stringent air and noise pollution laws in the country and created the first government-owned and operated automobile control laboratory program in the East. He led the fight to clean up some 15,000 incinerators and 50,000 oil burners, and during his administration the city ceased to register the highest sulphur dioxide and particulate levels in the nation and reached a level approaching Federal standards.

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From 1968 to 1970, Dr. Rickles was President and Chairman of the Board of Environmental Research and Applications, Inc., a 25-member consulting firm with offices in Wilton, Connecticut, St. George, New York, and Cleveland, Ohio. Dr. Rickles was founder of the organization, which numbered major industrial concerns such as Celanese, M. W. Kellogg, IBM, Commonwealth Oil, and Baker Chemical, as well as major cities and the Federal Government as clients.

Dr. Rickles was Director of Environmental Management for the Celanese Corporation from 1966 to 1968. In this post, he directed a \$50 million a year effort to clean up air, water and solid waste problems for Celanese around the world. Celanese had 102 plants which were located in 25 States, in Canada, and in 20 foreign countries.

Dr. Rickles served as Manager of Chemical and Metallurgical Industries and Assistant Chief Scientist for Dorr Oliver, Inc., from 1962 to 1966. There he developed D-O's membrane wastewater reclamation program, activated carbon treatment process, fluidized bed processes for metallurgical and sludge treatment, and he revitalized Dorr Oliver's major metallurgical equipment business. In this role, Dr. Rickles was involved in some of the earliest work on membranes, on wastewater and acid mine water treatment, and on solid waste recovery and treatment. He gained direct knowledge of the pulp and paper, sanitary, copper mining, aluminum, and food processing industries.

From 1960 to 1962, Dr. Rickles was Section Head for Inorganic Chemical Production for Eastern Research Laboratories of Stauffer Chemical Company. He was responsible for the development of new processes for the production of sodium borate, hydrofluoric acid, boron nitrate and boron trifluoride, and these processes were subsequently put to widespread commercial use. He also dealt with the company's environmental problems.

PROFESSIONAL AFFILIATIONS

American Institute of Chemical Engineers
Air Pollution Control Association
American Academy for the Advancement of Science
Metropolitan Engineers Council on Air Resources
American Chemical Society
American Society of Civil Engineers
Water Pollution Control Federation
Chemists Club (New York)

LISTINGS

Who's Who in the East
Who's Who in Government
Outstanding Men in the U.S.A.

PUBLICATIONS

Dr. Rickles is the author of 70 technical publications in the fields of air pollution, water pollution, desalination, wastewater recovery and membrane technology. He is the author of nine books in related fields.

RELATED ACTIVITIES

Dr. Rickles was Adjunct Professor of Civil Engineering at Cooper Union and was a lecturer at the New School for Social Research. He has been Vice Chairman of the American Committee of the International Association for Water Pollution Research and was a Member of the Executive Board of the International Association for Water Pollution Research.