
LONGENECKER and ASSOCIATES

Lawrence T. Papay

PROFESSIONAL EXPERIENCE

- 2004 - Present** **PQR, LLC**
CEO and Principal of a management consulting firm specializing in managerial, financial, And technical strategies for a variety of clients in electric power and other energy areas.
- 2000 – 2004** **SAIC**
Sector Vice President for the Integrated Solutions Sector: Responsible for business dealing with the integration of technology in the energy, environment and information areas for a variety of governmental clients (DOE, DHS, etc.) and commercial clients.
- 1991 - 1999** **Bechtel Group, Inc.**
Senior Vice President and General Manager of Bechtel Technology & Consulting: Responsible for monitoring new technologies and developing new businesses employing those technologies, including technological developments that impact existing business lines as well as the engineering and construction business in general.
- 1970 - 1991** **Southern California Edison**
Senior Vice President (1983 - 1991)
Various responsibilities including administrative services (information services, human resources, health care, real properties, administrative services, transportation services, corporate security, equal opportunity) bulk power (generation, transmission/substations) operation and maintenance; system planning; research and development; environmental operations; engineering and construction; power contracts; nuclear power (operations, engineering, licensing, and quality assurance).

Vice President (1980- 1983)
Responsibility for research and development and quality assurance organizations.

General Superintendent (1978 - 1979)
Responsibility for utility bulk power operations.

Director of R&D (1970 - 1978)
Responsibility for the development of the organization and plans for the company's R&D efforts.
- 1968 - 1970** **Postdoctoral (NATO and Euratom) Fellowships**
Conducted research on the utilization of plutonium in reactors.
- 1965 - 1968** **Senior Supervisor, MIT Research Reactor**
Supervised operations of reactor while holding a senior reactor operator's license.

1959 - 1963 **Instructor, U.S. Naval Nuclear Power School**
Instructed naval personnel in thermodynamics, reactor physics, reactor engineering, and mathematics.

EDUCATION Sc.D. in Nuclear Engineering, MIT, (1969)
S.M. in Nuclear Engineering, MIT (1965)
B.S. in Physics, Fordham University (1958)

PERSONAL Date of Birth: October 3, 1936
Marital Status: Married; Nationality: USA

CURRENT PROFESSIONAL AFFILIATIONS

National Academy of Engineering, Member and Member of the Board of Councillors
National Science Foundation, Industrial Panel on Science and Technology
National Research Council, Member, Committee on Science and Engineering in Public Policy; Chair, Coordinating Committee on Sustainable Cities and Chair, Alternatives to Indian Point
Registered Professional Engineer (Nuclear) in California
California Council on Science and Technology, Chairman
SLAC Policy Committee and ES&H Advisory Committee, Chairman

BOARD AFFILIATIONS

Center for Resource Management, Board Chair
CEO Coalition for Sustainable Technologies

CIVIC AFFILIATIONS

Exploratorium, Prior Board Member
Institute for International Education, Past Board Member
Boy Scouts of America, Past Director and Past Chairman, Executive Board of San Gabriel Valley Council
United Way of Los Angeles, Past Member, Board of Directors of San Gabriel Valley Region
City of Arcadia Planning Commission, Past Member and Chairman
Fordham University Visiting Committee

PRIOR PROFESSIONAL AFFILIATIONS

American Nuclear Society, Special Committee on Public Education; General Chairman, National Meeting in 2005
Association of Edison Illuminating Companies, Committee on Power Distribution
Atomic Industrial Forum, Board of Directors
California Business Roundtable, Deputy
California Power Pool, Chairman of Executive Committee
DOE Energy Research Advisory Board, Member
DOE Secretary of Energy's Laboratory Operations Board
DOE Exceptional Public Service Award
DOE Secretary of Energy Advisory Board Panels on Energy R&D,

Electric System Reliability, Fusion Energy and Task Force on the National Ignition Facility
DHS Science and Technology Advisory Committee
Electric Power Research Institute, Research Advisory Committee (Chair), Advanced Power Systems Division Committee (Chair), Energy and Environment Division Committee (Chair), and Business Council for Strategic R&D
MIT Corporation Visiting Committee for the Department of Nuclear Engineering
National Renewable Energy Laboratory, Board Member
National Research Council, Committee on Electricity in Economic Growth, Board on Energy and Environmental Systems, Division Committee on Engineering and Physical Sciences
Office of Technology Assessment, Solar Advisory Panel
Pacific Coast Electric Association, Director and Treasurer
President's Council of Advisors on Science and Technology Task Forces on Fusion Energy, Energy R&D and International Energy Research, Development, Demonstration and Deployment
Renewable Energy Institute, Board of Directors
Utility Coal Gasification Associates, Board of Directors
Utility Fuel Cell Users Group, Management Committee
WEST Associates, Management Committee
Western Systems Coordinating Council, Executive Committee
Western Systems Power Pool, Chairman of Executive Committee