

COMMITTEE TO BRIDGE THE GAP

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May 16, 1983

Ms. Colleen P. Woodhead
Counsel for NRC Staff

Mr. William Cormier
Office of Administrative Vice
Chancellor
University of California
Los Angeles, CA 90024

Ms. Lynn Naliboff
Deputy City Attorney
City Hall
1685 Main Street
Santa Monica, CA 90401

RE: UCLA Reactor Case
Docket 50-142

Dear Ms. Woodhead, Mr. Cormier, and Ms. Naliboff:

Enclosed please find statement of professional qualifications for Dr. Lowell Wayne. You already have similar statements for the rest of CEG's direct witnesses for the inherent safety hearings (Mr. El Cabalawi being withdrawn).

Dr. Wayne will testify regarding combustion and other chemical reactions, Wigner energy, and release and dispersion of radionuclides.

Sincerely,

Daniel Hirsch
President
COMMITTEE TO BRIDGE THE GAP

enclosure

cc w/ enclosure: service list

DR. LOWELL WAYNE

Statement of Professional Qualifications

My name is Lowell Wayne. I am a chemist and environmental scientist associated with the Southern California Federation of Scientists.

I received my Bachelor of Science degree in Chemistry from the University of California at Berkeley in 1937, and my Ph.D. in chemistry from the California Institute of Technology in 1949. In 1942 I received a Certificate in Industrial Hygiene from Harvard University, based on completion of a Joint Program between the Harvard School of Public Health and the Graduate School of Engineering.

From 1937 to 1939 I was employed by Shell Development Co., the research arm of Shell Oil. From 1939 to 1941 I was a teaching assistant in the Department of Chemistry at the University of California at Davis. From 1942 to 1946 I was an Industrial Hygiene Officer in the U.S. Navy.

From 1948 to 1949 I was a post-doctoral fellow in Chemistry at the University of Colorado.

From 1949 to 1953 I was a Fellow at the Mellon Institute of Industrial Research (now part of Carnegie-Mellon University).

From 1953-54 I was a Senior Physical Chemist at the Stanford Research Institute (now SRI, International).

From 1954 to 1956 I was the Occupational Health Engineer at UCLA.

From 1956 to 1962 I was a Research Photochemist with the Los Angeles County Air Pollution Control District.

From 1962 to 1972 I was at the University of Southern California as a Research Associate of the Allan Hancock Foundation, and also part of that time as a Research Associate of the School of Public Health Administration, involved in research on air pollution.

In 1972 I joined Pacific Environmental Services, a company providing environmental services to governmental agencies and industry. I am currently Vice President and Director of Scientific Activities for the firm.

I have published approximately fifty papers in various areas of chemistry and environmental science.

I am a member of AAAS, the New York Academy of Science, the American Chemical Society, Sigma Xi, the American Industrial Hygiene Association, the Air Pollution Control Association (and chair of its committee on chemistry), and was one of the original founders in the early 1950s of what is now the Southern California Federation of Scientists.