

Andre Clavier Is Dead at 77; A Pioneer in Microwave Radio

André G. Clavier, a pioneer in microwave radio communication, who directed the world's first successful demonstration of microwave radio transmission across the English Channel in 1931, died Sunday in Hollywood, Fla., where he spent the winter. He was 77 years old and lived in Ventnor City, N. J.

Mr. Clavier retired in 1959 as vice president and director of commercial research and development activities at the former Federal Telecommunications Laboratories of International Telephone and Telegraph Corporation in Nutley, N. J. He acted as a technical consultant to the corporation for several years after his retirement.

Aided French Military

He was born in Cambrai, France, and received an electrical engineering degree from the Ecole Supérieure d'Electricité in 1919. He then joined the staff of engineers organized by Gen. Gustave Ferrie at the Etablissement Central de la Radiotelegraphie Militaire. He had charge of research on high radio frequencies from 1920 to 1925.

In 1929 Mr. Clavier entered I. T. & T.'s Les Laboratoires Standards in Paris, which later became Laboratoire Central de Telecommunications, an organization engaged in electronic research.

Mr. Clavier came to the United States in 1945 and later became a citizen. At I. T. & T. he was appointed assistant director of research at the company's laboratories in 1945, assistant technical director in 1952 and vice president in charge of commercial research and development in 1956.

Professional Honors

He was named a Fellow of the Institute of Electrical and Electronics Engineers for "pioneer work in research, development and engineering in the microwave field." Mr. Clavier was chairman of the institute's professional group on microwave theory and techniques in 1949.

He was also a Membre Lauréat of the Société Française des Electriciens and a member of the Institution of Electrical Engineers of Great Britain.

Surviving are his widow, Alberte; a son, Phillippe; a daughter, Mrs. D. H. Wilkinson, and nine grandchildren.