

From 1887 to 1892 he was engaged in development work on the electrolysis of aluminium fluoride for the Aluminium Company of America. Then from 1893 to 1898, as Works Manager of the Thames Iron Works & Shipbuilding Company, he was in charge of the manufacture of electrical machinery, including locomotives.

In 1898 Mr Stevens joined the British Thomson Houston Company and was in charge, as Chief Engineer, of the electrification of the Central London railway.

From 1912 until his retirement he practised as a consulting civil, electrical, and mining engineer. Schemes with which he was concerned included hydro-electric developments in Argentina, electrification of the São Paulo railway (Brazil), the Aswan Dam, investigations into the water-power resources of Palestine and Ireland, the Channel Tunnel, and the London-Paris Railway. Later he sat on the Board of the Margate and East Kent Electricity Company.

He was joint author of a book on "Steam Turbine Engineering" which was published in 1906.

Mr Stevens was elected an Associate Member of the Institution in 1904, and was transferred to the class of Members in 1910. He was also a Member of the Institution of Electrical Engineers.

He is survived by his wife, one daughter, three grand-daughters and one great-grand-daughter.

GEORGE BRANSBY-WILLIAMS, who died at his home in Cooden, near Bexhill, on the 17th November, 1954, was born at Swansea on the 7th April, 1872.

He was educated at Clifton College, and in 1891 was articled to James Mansergh (then Vice-President I.C.E.). In 1895 he was appointed Resident Engineer on the Birmingham water-supply aqueduct and served in various capacities on that project until 1900. Then followed two years in South Africa serving in the 3rd Glamorgan Battalion, Welch Regiment, in charge of the repair, maintenance, and reconstruction of railways, bridges, and stations.

From 1902 to 1906 he was assistant to Mr G. R. Strachan, M.I.C.E., and was engaged on numerous sewerage and water-supply schemes in East Africa. Then followed three years as Chief Engineer to the Public Health Department, Bengal, and from 1909 to 1927 he was head of the Department.

Mr Bransby-Williams returned to England in 1927 and became consulting engineer in the firm of Williams, Temple and Bartholomew, but his activities were still concerned with major public health schemes in India, and later Burma. He retired in 1945.

He was author of several technical books; *Elementary Sanitary Engineer*; *Sewage Disposal in India and the East*; *The Flow of Water*; *Storm*

Reservoirs ; and numerous technical Papers, three of which were published by the Institution.<sup>1, 2, 3</sup>

Elected an Associate Member in December 1897, Mr Bransby-Williams was transferred to the class of Members in February 1909.

He is survived by his wife and two sons.

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<sup>1</sup> "Lining a Reservoir near Whitby." Min. Proc. Instn Civ. Engrs, vol. 137 (1898-99, Part III), p. 357.

<sup>2</sup> "Repairs to and Maintenance of the Pretoria Eastern Railway." *Ibid.*, vol. 148 (1906-7, Pt II), p. 276.

<sup>3</sup> "Rainfall, Off-Flow, and Storage in the Central Provinces, India." Selected Engineering Paper, No. 106. Instn Civ. Engrs, 1931.

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