

BIOGRAPHICAL SKETCH

JOSEPH ALLEN JOHNSON.

Born Northboro, Mass., June 21, 1882. Educated in public schools of native town and Worcester Polytechnic Institute from which graduated in 1905 with degree of B.S. in Electrical Engineering. Upon graduation from W.P.I. became associated with The Ontario Power Company of Niagara Falls, becoming its Electrical Engineer in 1912. Early in 1918 became associated with the Cliff Electrical Distributing Company and Hydraulic Power Company of Niagara Falls, N. Y., in charge of electrical design of their 100,000 horse power war development.

Became Electrical Engineer of these companies in 1918 and upon their consolidation with Niagara Falls Power Company to form The Niagara Falls Power Company, became Electrical Engineer of the latter, in charge of all electrical engineering, including that for its latest 200,000 horse power development.

Originated and pioneered a number of significant developments in the art of power generation, including the quadrature compensation of generator voltage regulators, thereby making possible individual excitation and regulation of parallel generators; the direct connected service generator for supply to auxiliaries; new methods and devices for the control of fire in large generators, and improvements in the retardation method of measuring generator losses.

Have contributed a number of papers to the Institute and the technical press.

At the present time, Chairman of the Generating Stations Subcommittee, Electrical Apparatus Committee, N.E.L.A., and member of various other subcommittees of that organization. Also Chairman of Lightning Arrester Subcommittee, Protective Devices Committee, A.I.E.E., and member of several other A.I.E.E. technical committees. Also Chairman of Sectional Committee on Power Line Insulators above 750 Volts, A.E.S.C., and member of several other A.E.S.C. committees.

Was first Chairman of Worcester Polytechnic Branch A.I.E.E., also organizer and first Chairman of Niagara Frontier Section. Winner of Best Paper Prize - District No. 1, 1926, for paper on "The Retardation Method of Loss Determination as Applied to the Large Niagara Generators".

Charter Member and First President, also present President, First Unitarian Church of Niagara Falls.

Member of Niagara Falls Country Club, Favorite sport is golf.

Married 1907, Lucy Ellen Allen of Northboro, Massachusetts. Children:- Helen Day, Joseph Allen, Jr., and David William.