

SUBJECT:

AMERICAN TELEPHONE AND TELEGRAPH COMPANY  
BELL SYSTEM

DEPARTMENT OF DEVELOPMENT AND RESEARCH

195 BROADWAY

JOHN J. CARTY  
VICE PRESIDENT

NEW YORK December 30, 1924.

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RESEARCH ENGINEER



Mr. F. L. Hutchinson, Secretary,  
American Institute of Electrical Engineers,  
33 West 39th Street, New York, N.Y.

Dear Mr. Hutchinson,

I have received your form letter asking for information regarding Professor Charles F. Scott, of Yale University, for whom an application for transfer to the grade of Fellow is pending.

I have been acquainted with Professor Scott for a great many years and there is no doubt but that he would have qualified for the grade of Fellow in the Institute at any time since the establishment of that grade had he cared to apply.

Professor Scott graduated from Ohio State University in 1885. In addition, he took some post graduate work at Johns Hopkins University. He has received degrees from Yale, University of Pittsburgh, and from Stevens Institute of Technology. He is a Past President of the American Institute of Electrical Engineers and was chairman of the Building Committee for the Engineering Societies Building.

It is unnecessary to enumerate Professor Scott's many important contributions to electrical engineering. I should like, however, to refer to one instance within my personal knowledge

of work performed by Professor Scott. Between the years 1911 and 1913, he studied means for reducing inductive disturbances on communication circuits in the vicinity of the electrified section of the New York, New Haven and Hartford Railroad, and worked out several plans for improving conditions. One of the schemes he suggested, known as the "balanced plan" for supplying power to the railroad, using autotransformers the neutral points of which were connected to the rail, was finally adopted and is still in use. The application of this plan to other single phase railroad electrifications is contemplated in the near future. It is my opinion that the pioneer work he did on this occasion was of a very high order.

I consider that it will be an honor to the Institute as well as to Professor Scott to confer the degree of Fellow upon him, and I hope that your Board of Examiners will act favorably on his transfer.

Yours very truly,

*John J. Coarty*

Fellow

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NOV 5 1924  
NEW YORK

REC. J. J. C.  
OCT 30 1924

New Haven, Conn., October 23, 1924

MEMORANDUM FOR:

X Dr. Elihu ~~X~~ Thompson ~~X~~  
General Electric Co., River Works  
West Lynn, Mass.

X Prof. Dugald C. Jackson ~~X~~  
Massachusetts Institute of Technology  
Cambridge 39, Mass.

X Prof. Arthur E. Kennelly ~~X~~  
Massachusetts Institute of Technology  
Cambridge A, Mass.

Dr. Frank J. Sprague, President ~~X~~  
Sprague Safety Control and Signal Corporation  
#421 Canal Street  
New York City.

✓ Gen. J. J. Carty, Vice President ~~X~~  
American Telephone and Telegraph Company  
New York City.

Mr. F. L. Hutchinson, Secretary  
American Institute of Electrical Engineers  
#33 West Thirty-ninth Street  
New York City.

This is in connection with the letter I wrote you on October 6th with reference to the transfer of Professor Charles F. Scott from the grade of Member to the grade of Fellow in the American Institute of Electrical Engineers.

I have just received Professor Scott's application, which is attached, and would request that it be signed and then forwarded, together with this memorandum, to the next person mentioned in the list which appears above. I have indicated, by means of initials on the application, the line on which it might be nice for each one of you to sign, as, if the references appear in the order indicated, that order will follow the seniority list of Past Presidents which appears in our Year Book.

Professor Scott greatly appreciates the good will evidenced by your ready willingness to act as his references.

*E. W. Smith*

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EHE/S

November 6, 1924.

Professor Charles F. Scott,  
Yale University,  
New Haven, Conn.

Dear Professor Scott:

Through Mr. E. H. Everit we have received your application for transfer from the grade of Member to that of Fellow in the Institute, which is in proper form.

We will communicate at once with the gentlemen named by you as references and as soon as the required number of replies have been received, as specified in the by-laws, the application will be presented to the Board of Examiners for consideration and later to the Board of Directors for final action, after which you will receive further notification.

Yours very truly,

H. E. Farrer.

CC-Mr. E.H. Everit.