

American Institute of Electrical Engineers

33 West 39th Street

New York, N. Y.



Jan. 4, 1939

193

Mr. C. B. Blackwell
Bell Telephone Labs. Inc.,
463 West St.,
New York, N.Y.

Dear Sir: An application has been filed for transfer to the grade of FELLOW in this Institute, under Clause(s) ^a of Sec. 4 of the Constitution (see back of this form), for the person whose name appears below. Your name is given as one of the five references required by our Constitution, excerpts from which appear on the reverse side of this form.

For the confidential information of our Board of Examiners, will you kindly reply to the following inquiries and return this form as promptly as convenient in the enclosed envelope.

Name of Applicant

Very truly yours,

Blake D. Hull, Chief Engr.,
Southwestern Bell Telephone Co.,
St. Louis, Mo.

H. H. Henline
National Secretary

For how long a period have you personally known the applicant?

Over twenty years

Are you of the opinion that (a) his character is such that if transferred he will prove a creditable FELLOW of the Institute, and that (b) he meets the other constitutional requirements for the grade of FELLOW?

(a) Yes (b) Yes

Kindly state instances within your personal knowledge of important work in the field of electrical engineering or the allied arts performed by the applicant, and your opinion of such work.

The position very successfully occupied by Mr. Hull should be, it seems to me, a sufficient indication of his qualifications for Fellow. As Chief Engineer of the Southwestern Bell Telephone Company, he carries the general responsibility for the engineering in all of the divisions of a telephone system tremendously large in area and very large and varied in its engineering problems. I have been in close touch with his work at various times, particularly in connection with transmission matters and can testify to his very successful handling of such work.

Chas. B. Blackwell

NOTE: If you desire the applicant's record before replying, please check here and return this form.

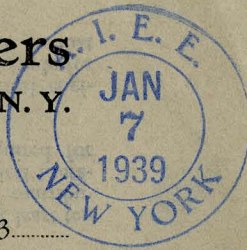
SIGNED
January 9, 1939
DATE

Fellow

American Institute of Electrical Engineers

33 West 39th Street

New York, N. Y.



Jan. 4, 1939 193

Mr. H. P. Charlesworth
American Tel. & Tel. Co.,
195 Broadway
New York, N.Y.

Dear Sir: An application has been filed for transfer to the grade of FELLOW in this Institute, under Clause(s) a of Sec. 4 of the Constitution (see back of this form), for the person whose name appears below. Your name is given as one of the five references required by our Constitution, excerpts from which appear on the reverse side of this form.

For the confidential information of our Board of Examiners, will you kindly reply to the following inquiries and return this form as promptly as convenient in the enclosed envelope.

Name of Applicant

Very truly yours,

Blake D. Hull, Chief Engr.,
Southwestern Bell Telephone Co.,
St. Louis, Mo.

H. H. Henline

National Secretary

For how long a period have you personally known the applicant?

At least 20 years

Are you of the opinion that (a) his character is such that if transferred he will prove a creditable FELLOW of the Institute, and that (b) he meets the other constitutional requirements for the grade of FELLOW?

(a) Yes (b) Yes

Kindly state instances within your personal knowledge of important work in the field of electrical engineering or the allied arts performed by the applicant, and your opinion of such work.

As Chief Engineer of the Southwestern Bell Telephone and Telegraph Company, Mr. Hull has responsible charge of important electrical work covering the design and relating to the construction and maintenance of the vast telephone plant for a group of Southwestern States. His adequate discharge of these great responsibilities, in my judgment indicates clearly his eligibility for membership with the grade of FELLOW in the Institute.

NOTE: If you desire the applicant's record before replying, please check here and return this form.

SIGNED

DATE

H. H. Henline
Jan 5, 1939

Fellow

American Institute of Electrical Engineers

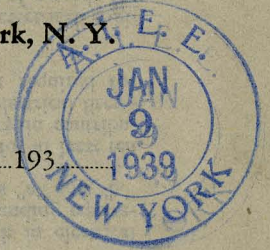
33 West 39th Street

New York, N. Y.



Jan. 4, 1939

1939



Mr. C. H. Kraft
Union Electric Co. of Missouri
St. Louis, Mo.

Dear Sir: An application has been filed for transfer to the grade of FELLOW in this Institute, under Clause(s) of Sec. 4 of the Constitution (see back of this form), for the person whose name appears below. Your name is given as one of the five references required by our Constitution, excerpts from which appear on the reverse side of this form.

For the confidential information of our Board of Examiners, will you kindly reply to the following inquiries and return this form as promptly as convenient in the enclosed envelope.

Name of Applicant

Very truly yours,

Blake D. Hull, Chief Engr.
Southwestern Bell Telephone Co.,
St. Louis, Mo.

H. H. Henline
National Secretary

For how long a period have you personally known the applicant?

About 15 years

Are you of the opinion that (a) his character is such that if transferred he will prove a creditable FELLOW of the Institute, and that (b) he meets the other constitutional requirements for the grade of FELLOW?

(a) *yes!* (b) *yes!*

Kindly state instances within your personal knowledge of important work in the field of electrical engineering or the allied arts performed by the applicant, and your opinion of such work.

Mr. Hull has for many years held important and responsible positions of high order with the Telephone Company and my work has on several occasions required joint activity on such matters

NOTE: If you desire the applicant's record before replying, please check here and return this form.

SIGNED

DATE

1-7-39

Fellow

as - joint use of poles - interference -
cable sheath corrosion etc.

I have had occasion to work with
him on ASEE activities and have
found him to be an ardent and
sincere member of the Institute

Date 1-7-39 Signed *Chas. H. Smith*

EXTRACTS from the CONSTITUTION

ARTICLE II

Qualifications for grade of Fellow

SEC. 4.—A Fellow shall be not less than thirty-two years of age and shall be either:

a. An electrical engineer by profession. As such he shall be qualified to design and to take responsible charge of important electrical work; he shall have been in the active practise of his profession for at least ten years, and shall have had responsible charge of important electrical work for at least three years; and he shall have been in good standing in the grade of Member for a period of at least five years immediately preceding the date of application for Fellow grade.

When the applicant holds in a principal national society of an allied branch of engineering, membership of a grade for which the qualifications indicate a standing equal to that required for the grade of Fellow herein, such membership shall be considered equivalent to five of the requisite ten years of active practise of the electrical profession.

b. A professor of electrical engineering or of electrical science. As such he shall have attained special distinction as an expounder

of the principles of electrical science and of electrical engineering; he shall have had at least ten years' experience as a teacher of electrical subjects, and shall have had responsible charge for three years in an electrical course of a principal school of engineering. Any years of experience as defined in paragraph "a" that the applicant may have had as an electrical engineer shall be considered the equivalent of the same number of years of experience as a "teacher of electrical subjects." He shall have been in good standing in the grade of Member for a period of at least five years immediately preceding the date of application for Fellow grade.

c. A person who has done notable original work in electrical science of a character to give him a recognized standing equivalent to that required for Fellows under paragraphs "a" and "b."

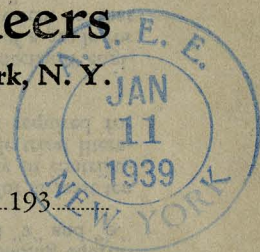
d. A person regularly engaged in electrical work for at least ten years, who, by inventions or by special proficiency in contributions to electrical science or the electrical arts or electrical literature has attained a standing equivalent to that required for Fellows under paragraphs "a" and "b."

e. A person who holds in a principal national electrical engineering society of some other country membership of a grade for which the qualifications indicate a standing equivalent to that required for the grade of Fellow under "a" and "b."

American Institute of Electrical Engineers

33 West 39th Street

New York, N. Y.



Jan. 4, 1939 193

Mr. H. S. Osborne
American Tel. & Tel. Co.,
195 Broadway
New York, N.Y.

Dear Sir: An application has been filed for transfer to the grade of FELLOW in this Institute, under Clause(s) ^a of Sec. 4 of the Constitution (see back of this form), for the person whose name appears below. Your name is given as one of the five references required by our Constitution, excerpts from which appear on the reverse side of this form.

For the confidential information of our Board of Examiners, will you kindly reply to the following inquiries and return this form as promptly as convenient in the enclosed envelope.

Name of Applicant

Very truly yours,

Blake D. Hull, Chief Engr.,
Southwestern Bell Telephone Co.,
St. Louis, Mo.

H. H. Henline

National Secretary

For how long a period have you personally known the applicant?

About 20 years.

Are you of the opinion that (a) his character is such that if transferred he will prove a creditable FELLOW of the Institute, and that (b) he meets the other constitutional requirements for the grade of FELLOW?

(a) Yes (b) Yes

Kindly state instances within your personal knowledge of important work in the field of electrical engineering or the allied arts performed by the applicant, and your opinion of such work.

Mr. Hull was for a number of years in charge of engineering work of the Southwestern Bell Telephone Company for the State of Texas and in this position had responsible charge of important engineering work relating to the design, construction, and maintenance of telephone plant of all types in that state. His responsibilities have recently been broadened by his appointment as Chief

NOTE: If you desire the applicant's record before replying, please check here and return this form.

SIGNED

DATE

Engineer of the Southwestern Bell Telephone Company, in which position he is responsible for engineering work of the entire company covering the states of Missouri, Kansas, Arkansas, Oklahoma, and Texas. I consider him highly qualified for membership with the Grade of Fellow in the AIEE.

Harold S. Osborne

Fellow

Date January 10, 1939. Signed

EXTRACTS from the CONSTITUTION

ARTICLE II

Qualifications for grade of Fellow

SEC. 4.—A Fellow shall be not less than thirty-two years of age and shall be either:

a. An electrical engineer by profession. As such he shall be qualified to design and to take responsible charge of important electrical work; he shall have been in the active practise of his profession for at least ten years, and shall have had responsible charge of important electrical work for at least three years; and he shall have been in good standing in the grade of Member for a period of at least five years immediately preceding the date of application for Fellow grade.

When the applicant holds in a principal national society of an allied branch of engineering, membership of a grade for which the qualifications indicate a standing equal to that required for the grade of Fellow herein, such membership shall be considered equivalent to five of the requisite ten years of active practise of the electrical profession.

b. A professor of electrical engineering or of electrical science. As such he shall have attained special distinction as an expounder

of the principles of electrical science and of electrical engineering; he shall have had at least ten years' experience as a teacher of electrical subjects, and shall have had responsible charge for three years in an electrical course of a principal school of engineering. Any years of experience as defined in paragraph "a" that the applicant may have had as an electrical engineer shall be considered the equivalent of the same number of years of experience as a "teacher of electrical subjects." He shall have been in good standing in the grade of Member for a period of at least five years immediately preceding the date of application for Fellow grade.

c. A person who has done notable original work in electrical science of a character to give him a recognized standing equivalent to that required for Fellows under paragraphs "a" and "b."

d. A person regularly engaged in electrical work for at least ten years, who, by inventions or by special proficiency in contributions to electrical science or the electrical arts or electrical literature has attained a standing equivalent to that required for Fellows under paragraphs "a" and "b."

e. A person who holds in a principal national electrical engineering society of some other country membership of a grade for which the qualifications indicate a standing equivalent to that required for the grade of Fellow under "a" and "b."

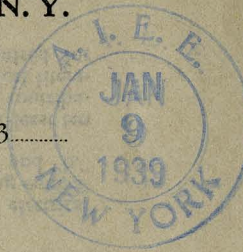
American Institute of Electrical Engineers

33 West 39th Street

New York, N. Y.



Jan. 4, 1939 193



Mr. W. O. Pennell
69 Court St.,
Exeter, New Hampshire

Dear Sir: An application has been filed for transfer to the grade of FELLOW in this Institute, under Clause(s) ^a of Sec. 4 of the Constitution (see back of this form), for the person whose name appears below. Your name is given as one of the five references required by our Constitution, excerpts from which appear on the reverse side of this form.

For the confidential information of our Board of Examiners, will you kindly reply to the following inquiries and return this form as promptly as convenient in the enclosed envelope.

Name of Applicant

Very truly yours,

Blake D. Hull, Chief Engr.,
Southwestern Bell Telephone Co.,
St. Louis, Mo.

H. H. Henline
National Secretary

For how long a period have you personally known the applicant?

about 33 years.

Are you of the opinion that (a) his character is such that if transferred he will prove a creditable FELLOW of the Institute, and that (b) he meets the other constitutional requirements for the grade of FELLOW?

(a) *Yes, very much so* (b) *Yes.*

Kindly state instances within your personal knowledge of important work in the field of electrical engineering or the allied arts performed by the applicant, and your opinion of such work.

For the past 2 1/2 years Mr Hull has been Chief Engineer of the So. Western Bell Tel Co. & has been responsible for the engineering of capital expenditures aggregating many millions each year. Specific recent instances new building & dial equipment Seloston, Texas, new dial office St. Louis, & innumerable other cases. Walter O. Pennell.

NOTE: If you desire the applicant's record before replying, please check here and return this form.

SIGNED

DATE

Jan. 6, 1939

Fellow

om -

I hired Mr. Hull when a graduate from the University of Kansas & he was associated with me in the So. W. Bell Tel. Co. for nearly 25 yrs. When I returned as Chief Engineer in 1936 he was promoted to that position. He has every qualification of character & technical knowledge & experience to qualify him as a Fellow.

It is a great pleasure for me to endorse him in words as strong as I can use.

He is an exceptionally fine character & a very able engineer & administrator.

Date Jan 6 1939 Signed Walter O. Bennett.

EXTRACTS from the CONSTITUTION

ARTICLE II

Qualifications for grade of Fellow

SEC. 4.—A Fellow shall be not less than thirty-two years of age and shall be either:

a. An electrical engineer by profession. As such he shall be qualified to design and to take responsible charge of important electrical work; he shall have been in the active practise of his profession for at least ten years, and shall have had responsible charge of important electrical work for at least three years; and he shall have been in good standing in the grade of Member for a period of at least five years immediately preceding the date of application for Fellow grade.

When the applicant holds in a principal national society of an allied branch of engineering, membership of a grade for which the qualifications indicate a standing equal to that required for the grade of Fellow herein, such membership shall be considered equivalent to five of the requisite ten years of active practise of the electrical profession.

b. A professor of electrical engineering or of electrical science. As such he shall have attained special distinction as an expounder

of the principles of electrical science and of electrical engineering; he shall have had at least ten years' experience as a teacher of electrical subjects, and shall have had responsible charge for three years in an electrical course of a principal school of engineering. Any years of experience as defined in paragraph "a" that the applicant may have had as an electrical engineer shall be considered the equivalent of the same number of years of experience as a "teacher of electrical subjects." He shall have been in good standing in the grade of Member for a period of at least five years immediately preceding the date of application for Fellow grade.

c. A person who has done notable original work in electrical science of a character to give him a recognized standing equivalent to that required for Fellows under paragraphs "a" and "b."

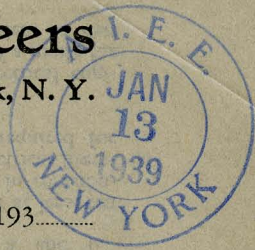
d. A person regularly engaged in electrical work for at least ten years, who, by inventions or by special proficiency in contributions to electrical science or the electrical arts or electrical literature has attained a standing equivalent to that required for Fellows under paragraphs "a" and "b."

e. A person who holds in a principal national electrical engineering society of some other country membership of a grade for which the qualifications indicate a standing equivalent to that required for the grade of Fellow under "a" and "b."

American Institute of Electrical Engineers

33 West 39th Street

New York, N. Y.



Jan. 4, 1939 193

Mr. Frank J. Meyer
Oklahoma Gas & Electric Co.,
Oklahoma City, Okla.

Dear Sir: An application has been filed for transfer to the grade of FELLOW in this Institute, under Clause(s).....^e.....of Sec. 4 of the Constitution (see back of this form), for the person whose name appears below. Your name is given as one of the five references required by our Constitution, excerpts from which appear on the reverse side of this form.

For the confidential information of our Board of Examiners, will you kindly reply to the following inquiries and return this form as promptly as convenient in the enclosed envelope.

Name of Applicant

Very truly yours,

Blake D. Hull, Chief Engr.,
Southwestern Bell Telephone Co.,
St. Louis, Mo.

H. N. Henline

National Secretary

For how long a period have you personally known the applicant?

Since 1929

Are you of the opinion that (a) his character is such that if transferred he will prove a creditable FELLOW of the Institute, and that (b) he meets the other constitutional requirements for the grade of FELLOW?

(a) Yes (b) Yes

Kindly state instances within your personal knowledge of important work in the field of electrical engineering or the allied arts performed by the applicant, and your opinion of such work.

He has been responsible for and handling all the engineering work in connection with the design and installation of extensive telephone exchanges, automatic and manual. He engineered some of the first installations of long distance communication cables; has handled problems involving inductive interference.

My personal experience has been entirely with power utility engineering; whereas, his has been entirely with communication engineering, but we have been rather closely associated and I consider him a competent and one of the outstanding engineers in his line of work in this section of the Country.

NOTE: If you desire the applicant's record before replying, please check here and return this form.

SIGNED

DATE

January 10, 1939

Fellow