

AMERICAN INSTITUTE OF EL 33 WEST 39TH STREET, N	
The second control of	January 16, 1931
Mr. E. H. Everit Southern New England Telephone Co., New Haven, Conn.	To avoid delay in consideration of this application, please return the form promptly. Typewritten copy preferred.
Dear Sir: An application for transfer to the grade of FELLOV of Sec. 4 of the Constitution (see back of this form), has been five william H. Harrison, Plant American Tel. & Telemont New York, N.	led by Engineer . Co.,
who has referred to you as having personal knowledge of his qu For the confidential information of the Board of E inquiries? Very truly yours,	Examiners will you kindly reply to the following
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(See qualifications for the grade of Fellow, For how long a period have you personally known to And hours (20) years	he applicant?
Are you of the opinion that (a) his character is such the of the Institute, and that (b) he meets the other constitutional (a)	requirements for the grade of FELLOW?
Kindly state instances within your personal know engineering or the allied arts performed by the applicant, and y	ledge of important work in the field of electrical
Han hem closely associated and Im. Ham	rison in come ction int Bell System myin

Statement may be continued on the back of this form. Fellow

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



AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS 33 WEST 39TH STREET, NEW YORK, N. Y.

January 16, 1931

Mr. F. J. Chesterman The Bell Telephone Co. of Pa., 416 Seventh Ave., Pittsburgh, Pa. To avoid delay in consideration of this application, please return the form promptly. Typewritten copy preferred.

An applic		And the small element of the		A
An appne	ation for transfer to the grade of	FELLOW in this In	stitute, under Clause(s)	
of Sec. 4 of the Con Wi	nstitution (see back of this form), ha lliam H. Harrison, Pla American Tel	as been filed by ant Engineer . & Tel. Co., ew York, N.Y.		
	o you as having personal knowledge confidential information of the Bo			wing
inquiries?				
Nacional application of the con-	Very truly you	rs,	Hutchinson	
		✓. «	National Secretary	7
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Statement may be continued on the back of this form.

In this position he is in general charge of the engineering of all phases of the Bell System plant. This involves direction of the overall planning and engineering of the various parts of the Bell System plant including engineering of numerous specific projects. In addition, the work involves the establishment of standards of practice covering construction and maintenance of the different parts of the plant.

Date January 20, 1931. Signed January 20, 1931.

EXTRACTS FROM CONSTITUTION

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.

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."
- 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."
- SEC. 5. A Member shall be not less than twenty-seven years of age, and shall be either:
 - a. An electrical engineer by profession. As such, under general direction, he shall have designed and taken responsibility for important electrical engineering work; he shall have been in the active practise of his profession for at least five years.

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 Member herein, such membership shall be considered equivalent to two and one-half years of the requisite five years in active practise of the electrical profession.

- b. A teacher of electrical engineering or of electrical science. As such, under general direction, he shall have taken responsibility for instruction in electrical subjects in a school of recognized standing: he shall have been in the active practise of his profession for at least five years. 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
- c. A person regularly employed in electrical or closely allied work for at least five years, who, by inventions or by proficiency in electrical science, the electrical arts, or electrical literature, or as an executive of an electrical enterprise of large scope, has attained a standing equivalent to that required for Members under paragraphs "a" and "b." In the case of such an executive the applicant must be qualified to take responsible charge of the broader features of electrical engineering involved in the work under his direction.

Qualifications for the grade of Fellow.

Qualifications for the grade of Member.

subjects."

Transfer No.

JAN 22 1939 6191



AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS 33 WEST 39TH STREET, NEW YORK, N. Y.

January 16, 1931

Mr. C. O. Bickelhaupt Southwestern Bell Telephone Co., Atlanta, Ga.

To avoid delay in consideration of this application, please return the form promptly. Typewritten copy preferred.

Dear	Sir:
	An application for transfer to the grade of FELLOW in this Institute, under Clause(s)
of Se	ec. 4 of the Constitution (see back of this form), has been filed by
	William H. Harrison, Plant Engineer
	American Tel. & Tel. Co
	American Tel. & Tel. Co., New York, N.Y.
who	has referred to you as having personal knowledge of his qualifications and experience.
	For the confidential information of the Board of Examiners will you kindly reply to the following
inau	iries?
1	Very truly yours.
	F.L. Hutchinson
	J. L. Hutchurson
	National Secretary
	(See qualifications for the grade of Fellow, printed on the back of this form)
	For how long a period have you personally known the applicant?
	Fifteen years
	Are you of the opinion that (a) his character is such that if transferred he will prove a creditable FELLOW
of th	e Institute, and that (b) he meets the other constitutional requirements for the grade of FELLOW?
	Yes (b) Yes
(a)	
	Kindly state instances within your personal knowledge of important work in the field of electrical
engi	neering or the allied arts performed by the applicant, and your opinion of such work.
	war to the beauty to be a subject of the state of the sta
	Mr. Harrison, I believe, has been in telephone work since 1909 and
500	during the last fifteen years since I have known him has been in
243	during the last fifteen years since I have known him has been in
	during the last fifteen years since I have known him has been in charge of important engineering design, construction engineering
	during the last fifteen years since I have known him has been in charge of important engineering design, construction engineering Signed
Date	during the last fifteen years since I have known him has been in charge of important engineering design, construction engineering Signed

and return this form.

and maintenance engineering work. From 1924 to 1928 he had general charge of all Bell System engineering work having to do with central office and subscribers' station plant, including buildings. Since 1928, as Plant Engineer of the American Telephone and Telegraph Company, he has had general charge of the engineering aspects of all Bell System plant. He has directed the planning and engineering of many large projects, including long distance telephone cables, large buildings and large central office equipment installations. He also directs the establishment of standards of practice for maintenance and construction of the entire Bell System plant.

EXTRACTS FROM CONSTITUTION

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.

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."
- 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."

Sec. 5. A Member shall be not less than twenty-seven years of age, and shall be either:

a. An electrical engineer by profession. As such, under general direction, he shall have designed and taken responsibility for important electrical engineering work; he shall have been in the active practise of his profession for at least five years.

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 Member herein, such membership shall be considered equivalent to two and one-half years of the requisite five years in active practise of the electrical profession.

- b. A teacher of electrical engineering or of electrical science. As such, under general direction, he shall have taken responsibility for instruction in electrical subjects in a school of recognized standing: he shall have been in the active practise of his profession for at least five years. 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."
- c. A person regularly employed in electrical or closely allied work for at least five years, who, by inventions or by proficiency in electrical science, the electrical arts, or electrical literature, or as an executive of an electrical enterprise of large scope, has attained a standing equivalent to that required for Members under paragraphs "a" and "b." In the case of such an executive the applicant must be qualified to take responsible charge of the broader features of electrical engineering involved in the work under his direction.

Qualifications for the grade of Fellow.

JAN 21 1937



AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS 33 WEST 39TH STREET, NEW YORK, N. Y.

in the complete of the control of t	January 16, 1931
Mr. H. S. Osborne American Tel. & Tel. Co., 195 Broadway New York, N.Y.	To avoid delay in consideration of this application, please return the form promptly. Typewritten copy preferred.
Dear Sir:	oli sui desta voi desta la company de la Company de la company de l
An application for transfer to the grade of FI of Sec. 4 of the Constitution (see back of this form), has be william H. Harrison, Plan American Tel. & T New York who has referred to you as having personal knowledge of	t Engineer el. Co., , N.Y.
(See qualifications for the grade of F	ellow, printed on the back of this form)
For how long a period have you personally kn	own the applicant?
Five years	Algeria and Americans (Supermore)
Are you of the opinion that (a) his character is s of the Institute, and that (b) he meets the other constitut	such that if transferred he will prove a creditable FELLOW tional requirements for the grade of FELLOW?
(a) Yes (b)Yes
Kindly state instances within your personal engineering or the allied arts performed by the applicant	knowledge of important work in the field of electrical and your opinion of such work.
As Building and Equipment En	gineer of the American Telephone
and Telegraph Company and more rec	ently as Plant Engineer of that
company. Mr. Harrison has respons	ible charge of important electrical
Date 20 Som 1531 s	Signed 14 S. Oslowe

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

Statement may be continued on the back of this form.



Date January 19, 1931. Signed	V.
throughout the United States.	
work concerned with the design of extensions to teleph	one plant

EXTRACTS FROM CONSTITUTION

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Qualifications for the grade of Fellow.



AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS 33 WEST 39TH STREET, NEW YORK, N. Y.

Januar	y 16,	1931	
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Mr. L. F. Morehouse American Tel. & Tel. Co., 195 Broadway New York, N.Y.

To avoid delay in consideration of this application, please return the form promptly. Typewritten copy preferred.

Dear	Sir:		٨
	An application for transfer to the grade of FE	LLOW in this Institute, under Clause(s)	n
of Se	c. 4 of the Constitution (see back of this form), has b		
	William H. Harrison, Pla	nt Engineer	
	American Tel. &	Tel. Co.,	
	New	York, N.Y.	
who l	has referred to you as having personal knowledge of	his qualifications and experience.	
	For the confidential information of the Board		e following
inqui	iries?	e distribuit, a come que escribuir des a parte per arti	
Notes	Very truly yours,		
	March Common to the formation	F.L. Hutchin	
		National Se	cretary
STREET, STATE			
	(See avalifications for the grade of Fe	ellow, printed on the back of this form)	
	For how long a period have you personally kno	own the applicants	
	Twenty years		
	Are you of the opinion that (a) his character is st	uch that if transferred he will prove a creditabl	e FELLOW
of the	e Institute, and that (b) he meets the other constitut		
(a)	Yes (t	b)Yes	
	Kindly state instances within your personal	knowledge of important work in the field of	of electrical
engir	neering or the allied arts performed by the applicant,	and your opinion of such work.	
	Following on owner once of a	hout 15 worms in connection	with
	repair, design, installation, a	about 15 years in connection	rison
	became Equipment Engineer of the	ne American Telephone and Tel	Le-
	graph Company in 1924. He hel	ld this position for four year	ars
	in which position he was in ger	neral charge of the overall	
	engineering work for the Bell S	system, which had to do with	
Date			
)	igned	
		ed on the back of this form.	

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general planning, construction, and operation of the central office and subscriber's station plant. In 1928 he became Plant Engineer of the A. T. & T. Co., which position he now holds. As Plant Engineer he is in general charge of the overall engineering and all phases of the Bell System plant. The job is one of great responsibility, and I have no hesitation at all in recommending his transfer to the grade of Fellow.

Date January 19, 1931

Signed Latronchoner

EXTRACTS FROM CONSTITUTION

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.

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Qualifications for the grade of Fellow.



AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS 33 WEST 39TH STREET, NEW YORK, N. Y.

January 16, 1931

Mr. K. W. Waterson American Tel. & Tel. Co., 195 Broadway New York, N.Y.

To avoid delay in consideration of this application, please return the form promptly. Typewritten copy preferred.

Dear Sir:

An application for transfer to the grade of FELLOW in this Institute, under Clause(s) ______ of Sec. 4 of the Constitution (see back of this form), has been filed by

William H. Harrison, Plant Engineer American Tel. & Tel. Co., New York, N.Y.

who has referred to you as having personal knowledge of his qualifications and experience.

For the confidential information of the Board of Examiners will you kindly reply to the following inquiries?

Very truly yours,

J.L. Hutchinson

(See qualifications for the grade of Fellow, printed on the back of this form)

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

Statement may be continued on the back of this form.

Signed_____

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

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Date for 23, 1931, Signed K. W. hoter.

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EXTRACTS FROM CONSTITUTION

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Qualifications for the grade of Fellow.