

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

June 15, 1932

Mr. O. B. Coldwell General Electric Co., Portland, Oregon

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

Dear Sir:	B
	nsfer to the grade of FELLOW in this Institute, under Clause(s)
of Sec. 4 of the Constitution (se	e back of this form), has been filed by
Fred O.	McMillan, Research Prof. of Elec. Engg.,
	Oregon State College
	Corvallis, Oregon
who has referred to you as hav	ng personal knowledge of his qualifications and experience.
	information of the Board of Examiners will you kindly reply to the following
inquiries?	a personal de la comprese de la comp
All and the property suggests that the second	Very truly yours,
	Tell 1
	J. Z. Hutchinson
	National Secretary
PROPERTY AND INCIDENCE AND ADDRESS OF STREET,	
(See qualific	ations for the grade of Fellow, printed on the back of this form)
	I have you personally known the applicant?
For now long a perio	i have you personally known the appreciate
At least 10	years.
	that (a) his character is such that if transferred he will prove a creditable FELLOW
	meets the other constitutional requirements for the grade of FELLOW?
(a) I am.	(b) I am.
	es within your personal knowledge of important work in the field of electrical erformed by the applicant, and your opinion of such work.
engineering or the allied arts p	errormed by the applicant, and your opinion of such work.
He has been concer	ned with a great number of research problems. Has made
He has been concerstudies of the elec	ned with a great number of research problems. Has made trical fish screen upon which he has written a bulletin

Date June 28, 1932. Signed Statement may be continued on the back of this form.

Has made a number of studies of insulators, with particular reference to

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radio interference. Among articles written by him are the following:

"Corona Related to Failure of Cable Terminals" F. O. McMillan and S. B. Clark "The Influence of Polarity on High-Voltage	Electrical World, V.92,Sept.8,1932,p.453.
Discharges" F.O. McMillan and E. C. Starr	Journal A.I.E.E., V 49, Oct., 1930, p. 859.
"Radio Interference from Insulator Corona" F. O. McMillan	Electrical Engineering, (formerly Jr., A.I.E.E.) V. 51, Jan., 1932, p. 3.

Date June 28, 932 Signed 0.13. Cooldwell

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.

Qualifications for the grade of Member.



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

___June 15, 1932

Prof. R. H. Dearborn Oregon State College Corvallis, Oregon 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
Fred O. McMillan, Research Prof. of Elec. Engg., Oregon State College, Corvallis, Oregon 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
National Secretary
National Secretary
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
Kindly state instances within your personal knowledge of important work in the field of electrica engineering or the allied arts performed by the applicant, and your opinion of such work.
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Investigation for Fisheries Dept. 74.5a.
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Date June 7' - '932 Signed RADE are Statement may be continued on the back of this form.
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AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS 33 WEST 39TH STREET, NEW YORK, N. Y.

June 15, 1932

Mr. John B. Fisken Washington Water Power Co., Spokane, Wash.

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

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who has referred	to you as having personal kne	owledge of his qualific	ations and experien	ce.	
For the	confidential information of	the Board of Examin	ners will you kindl	y reply to the	following
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Transfer No...



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

pre generalism des describenta de la composita del la composita della composit	June 15, 1932
Mr. G. E. Quinan Puget Sound Power & Light Co., Seattle, Wash.	To avoid delay in consideration of this application, please return the form promptly. Typewritten copy preferred.
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(See qualifications for the grade of Fellow	r, printed on the back of this form)
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Date 22 1932 Signe	

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

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Mr. E. D. Searing	To avoid delay in consideration of
Portland General Elec. Co., Portland, Oregon	this application, please return the
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