

Received June 4, 1926

Acknowledged June 4, 1926

AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS

Record of Application for

TRANSFER TO THE GRADE OF MEMBER

No. 4696

Name Fred Orville McMillan, Associate Professor of Electrical Engineering

Address Oregon State Agricultural College,
Corvallis, Oregon.

References	Grade	Communicated With	Second Request	Replies Received
John B. Fisken	Fellow	June 4, 1926		
George E. Quinan	"	" "		JUN 25 1926
O. B. Coldwell	"	" "		JUL 3 1926
H. H. Schoolfield	Member	" "		JUN 21 1926
R. H. Dearborn	"	" "		JUL 6 1926
C. W. Fick	"	" "		JUN 18 1926
W. A. Hillebrand	"	" "		JUN 17 1926
E. J. Des Camp	"	" "		JUN 10 1926
				JUN 21 1926

Action by Board of Examiners Recommended

Date JUL 26 1926

Action by Board of Directors "

Date OCT 15 1926

EXTRACTS FROM CONSTITUTION

ARTICLE II.

- 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 practice 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 practice of the electrical profession.

b. A teacher of electrical engineering or of electrical science. As a teacher of electrical subjects he shall have had at least five years' experience in a school of recognized standing. Any years of experience 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 engineering or of electrical science."

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 Member.

EXTRACTS FROM BY-LAWS

SEC. 2. All applications for admission to the Institute or for transfer to a higher grade shall be made in a form approved by the Board of Directors, and shall embody a full record of the general technical education of the applicant and of his professional career. Applicants shall refer to the required number of members of the grades specified in Article III, of the Constitution. Each of these references shall be requested by the National Secretary to fill out a prescribed confidential form, for consideration by the Board of Examiners.

Form of application and professional record of applicant.

SEC. 3. No application for admission or transfer shall be acted upon by the Board of Examiners until the number of replies prescribed in the Constitution is received. In the event of failure to receive replies, or the receipt of unfavorable replies, the National Secretary may call upon the applicant to furnish additional names.

Replies of references before consideration.

3485



No. 4696



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

APPLICATION FOR TRANSFER TO THE GRADE OF MEMBER.

QUALIFICATIONS FOR TRANSFER.

The qualifications for transfer to the grade of Member are set forth in Article II, Section 5, of the Constitution, which is printed on the last page of this form. Applicants are urged to read these extracts carefully in order that they may have a perfect knowledge of the constitutional requirements.

Applicant's name *Fred Orville McMillan*

Present title or occupation *Associate Professor of Electrical Engineering*

Business address *Oregon State Agricultural College, Corvallis, Oregon*

TRANSFER FEE AND DUES.

Transfer fee from the grade of Associate to that of Member, Five (5) dollars.
The annual dues for the grade of Member are Fifteen (15) dollars.

REFERENCES.

Sec. 10 (Constitution). Applicants shall give references as follows:

For the grade of Member, to four Fellows or Members:

Should an applicant for admission or transfer to the grade of Member certify that he is not personally known to four Fellows or Members the Board of Examiners may accept, for the deficiency, other references, preferably professional engineers of standing. (This clause has been interpreted to apply only to applicants whose location or conditions of work are such that it is unreasonable to expect them to make reference to members of the Institute.)

References should be selected who have personal knowledge of the applicant's engineering experience.

As references occasionally fail to reply promptly to inquiries, it is suggested that applicants furnish more than the required number of names.

REFERENCES.

- | | |
|---|--|
| <i>Fellow</i> <i>John B. Tricker Consulting Engr.</i>
<i>Washington Water Power Co., Spokane, Wash.</i>
<i>Box 2158 Spokane, Washington</i> | <i>Member</i> <i>R. H. Deerson</i> <i>Head of Department and</i>
<i>Professor of Electrical Engineering</i>
<i>Oregon State College, Corvallis, Oregon</i> |
| <i>Fellow</i> <i>George E. Quinan Chief Elec. Engr.</i>
<i>Puget Sound Power & Light Co., Seattle, Wash.</i>
<i>1304 1879</i> | <i>Member</i> <i>C. W. Trick</i> <i>Northwest Engineer</i>
<i>General Electric Company, Portland, Oregon</i> |
| <i>Fellow</i> <i>O. B. Caldwell Vice President</i>
<i>Portland Electric Power Co. Portland Ore.</i>
<i>504 Spring Street</i> | <i>Member</i> <i>W. G. Hillebrand Electrical Engineer,</i>
<i>Ohio Insulators Co., Barbours, Ohio</i> |
| <i>Member</i> <i>H. H. Schoolfield Chief Engineer</i>
<i>Pacific Power & Light Co. Portland, Oregon</i> | <i>Member</i> <i>E. J. Dee Camp Sales Engineer,</i>
<i>Western Electric Company, Seattle, Wash.</i>
<i>6012-32nd Ave. N. E., Seattle, Wash.</i> |

(Associate 1914)

The following information is required by the Board of Examiners. Failure to give details will delay action on the application.

The applicant should state under which clause or clauses, a, b, c, of Section 5, Article II, of the Constitution, application is made, and give a full record of professional career, with particular reference to the period of responsible charge or the experience upon which the application is based.

APPLICANT'S RECORD
(Typewritten copy preferred)

1. Name FRED ORVILLE McMILLAN
(give in full)
2. Present occupation ASSOCIATE PROFESSOR OF ELECTRICAL ENGINEERING
(title, and name of concern)
3. Business address OREGON STATE COLLEGE, CORVALLIS, OREGON.
4. Date and place of birth MAY 12, 1890. ALBIA, IOWA.
5. Constitutional clause "a" AND "b"
(see paragraph above)
6. General and technical education B. S. IN ELECTRICAL ENGINEERING, OREGON STATE AGRICULTURAL COLLEGE, JUNE 1912. } M. S. IN ELECTRICAL ENGINEERING, UNION COLLEGE, SCHENECTADY, N.Y. JUNE, 1919. }
7. Record of professional experience

Dates here

- 7/9 1912 ENTERED THE TESTING DEPARTMENT OF THE GENERAL ELECTRIC COMPANY, SCHENECTADY, N.Y.
- 8/25 1913 ASSISTANT TO THE SUPERVISOR OF THE GENERAL ELECTRIC EXPERIMENTAL RAILWAY, SCHENECTADY N.Y.
- 3/21 1914 ELECTRICAL ENGINEER IN THE RAILWAY EQUIPMENT ENGINEERING DEPARTMENT GENERAL ELECTRIC COMPANY, SCHENECTADY, N.Y. CONTINUED IN THIS POSITION UNTIL JANUARY 1, 1920, TOTAL TIME EMPLOYED BY THE GENERAL ELECTRIC COMPANY 7 YEARS 6 MONTHS.

Dates here

Applicant's Record (continued)

- 1/1 1920 ASSISTANT PROFESSOR OF ELECTRICAL ENGINEERING OREGON STATE COLLEGE, CORVALLIS, OREGON.
- 7/1 1923 PROMOTED TO ASSOCIATE PROFESSOR OF ELECTRICAL ENGINEERING. THIS IS THE POSITION THAT I NOW HOLD. TOTAL PERIOD EMPLOYED IN TEACHING ELECTRICAL ENGINEERING TO DATE 6 YEARS 5 MONTHS.

Signed Fred Orville McMillan

Dated May 29, 1926 Corvallis, Oregon

NOTE: The Applicant's personal signature, in ink, must appear at the end of this record.

If not sufficient space, the record may be continued on separate sheets of this size.