

Received June 14, 1932

Acknowledged June 15, 1932

AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS

Record of Application for

TRANSFER TO THE GRADE OF FELLOW

No. 6465

3485

Name Fred O. McMillan, Research Prof. of Elec. Engg.,

Address Oregon State College

Corvallis, Oregon

References	Grade	Communicated With	Second Request	Replies Received
R H Dearborn	Fellow	June 15, 1932		
O B Coldwell	"	"		JUN 28 1932
E D Searing	"	"		JUL 5 1932
G E Quinan	"	"		JUN 27 1932
John B Fisker	"	"		JUN 27 1932

JUN 29 1932

Action by Board of Examiners

Recommended

Date July 27, 1932

Action by Board of Directors

Date Oct. 12, 1932

Posted in *Sept.* JOURNAL.

6465
3485



AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS

33 WEST 39TH STREET, NEW YORK, N. Y.

APPLICATION FOR TRANSFER TO THE GRADE OF FELLOW.

QUALIFICATIONS FOR TRANSFER.

The qualifications for transfer to the grade of Fellow are set forth in Article II, Section 4, 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 Research Professor of Electrical Engineering,
Business address Oregon State College, Corvallis, Oregon.

TRANSFER FEES AND DUES.

Transfer fee from the grade of Associate to that of Fellow, Ten (10) dollars.
Transfer fee from the grade of Member to that of Fellow, Five (5) dollars.
The annual dues for the grade of Fellow are Twenty (20) dollars.

REFERENCES.

Sec. 10 (Constitution). Applicants shall give references as follows:
For the grade of Fellow, to five Fellows.

Should an applicant for the grade of Fellow, either for direct admission or for transfer, certify that he is not personally known by five Fellows, the Board of Examiners may accept, for the deficiency, references to five 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.

(Member 1926)

REFERENCES.

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| 1. <u>R. H. Dearborn, Professor of Electrical Eng., Oregon State College, Corvallis, Oregon.</u>
<i>Fellow</i> | 5. <u>John B. Giskin, Consulting Engineer, The Washington Water Power Company, Spokane, Washington.</u>
<i>Fellow</i> |
| 2. <u>O. B. Caldwell, Vice President, Portland General Electric Co., Portland, Oregon.</u>
<i>Fellow</i> | 6. <u>H. V. Carpenter, Dean and Director, College of Engineering and Experiment Station, Washington State College, Pullman, Washington.</u>
<i>Fellow</i> |
| 3. <u>E. D. Searing, Advisory Engineer, Portland General Electric Co., Portland, Oregon.</u>
<i>Fellow</i> | |
| 4. <u>G. E. Quinan, Chief Electrical Engineer, Puget Sound Power and Light Company, Seattle Washington.</u>
<i>Fellow</i> | |

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, d, of Section 4, 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 Research Professor of Electrical Engineering, Oregon State College.
(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 b, Section 4, Article II.
(see paragraph above)
6. General and technical education
B. S. in E.E., Oregon State College, 1912.
M. S. in E.E., Union College, Schenectady, N.Y., 1919.
7. Other Technical Society affiliations (give grade) National Electric Light Association, Member,
Northwest Electric Light and Power Association, Member, Sigma Xi, Member, Tau Beta
Pi, member, also a member of three other national scholastic honor societies.
8. Record of professional experience

Dates here	Record of professional experience
July 9, 1912 to Aug. 25, 1913	Student engineer in the Testing Department of the General Electric Company, Schenectady, New York.
Aug. 25, 1913 to March 21, 1914	Assistant to the Supervisor of General Electric Experimental Railway
March 21, 1914 to Jan. 1, 1920	Railway Engineering Department of the General Electric Company on Design, Research and Development work.
Jan. 1, 1920 to July 1, 1923	Assistant Professor of Electrical Engineering at Oregon State College, Corvallis, Oregon.
July 1, 1923 to July 1, 1930	Associate Professor of Electrical Engineering at Oregon State College, Corvallis, Oregon.

Dates here	Applicant's Record (continued)
July 1, 1930 to Present time	Research Professor of Electrical Engineering at Oregon State College, Corvallis, Oregon.
1925	Consulting Electrical Engineer for the Port of Portland Oregon.
1926	Electric Fish Screen research for U.S. Bureau of Fisheries and the Northwest Electric Light and Power Association.
1927	Investigation of methods of live line insulator testing for the Northwest Electric Light and Power Association.
1928-29-30-31	In charge of an investigation of the lightning protection of forest telephones and lookout houses for Oregon State Board of Forestry, Oregon Forest Fire Association and the U.S. Forest Service.
1928-29-30-31	Consulting Electrical Engineer for the U.S. Bureau of Fisheries
	Registered Professional Engineer by examination under Oregon State Laws.
1929-30-31-32	In charge of investigation of radio interference from high-voltage transmission lines carried on jointly by the National Electric Light Association and Oregon State College.

Signed... F. O. McMillan

Dated June 8, 1932.

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.