

# American Institute of Electrical Engineers

33 West 39th Street

New York, N. Y.



April 20, 1943.

Mr. E. E. George,  
5004 - U- Street,  
Little Rock, Arkansas.

Dear Sir: An application has been filed for transfer to the grade of FELLOW in this Institute, under Clause(s) a & d 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,

John Elmer Housley, District Pr. Mgr.,  
Aluminum Co. of America,  
Alcoa, Tenn.

*H. H. Henline*  
National Secretary

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

*18 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.

*Has been Dept of Power for the Alum Co of America at Alcoa for many years - developed many improvements in operation and maintenance very active in AIEE affairs - excellent personality*

*H. H. Henline*  
Fellow  
4-24-1943

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

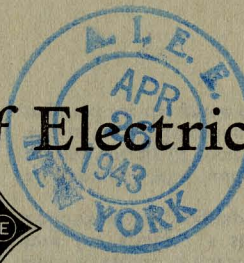
SIGNED  
DATE



# American Institute of Electrical Engineers

33 West 39th Street

New York, N. Y.



April 21, 1943.

Mr. H. G. Harvey,  
Westinghouse Elec. & Mfg. Co.,  
426 Marietta Street,  
Atlanta, Georgia.

Dear Sir: An application has been filed for transfer to the grade of FELLOW in this Institute, under Clause(s) a. & d. 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,

John Elmer Housley, District Power Manager,  
Aluminum Company of America,  
Alcoa, Tennessee.

*H. H. Henline*

National Secretary

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

*since 1925*

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.

- 1) *Knows more about the operation of rotaries on chemical service than anybody in the U.S.*
- 2) *Developed "activated alumina" for purifying transformer oil.*
- 3) *In charge of important hydro-electric installations for a long number of years.*

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

SIGNED

*H. H. Henline* Fellow

DATE

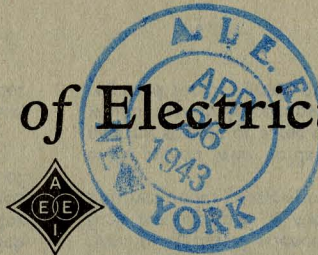
*4/24/43*



# American Institute of Electrical Engineers

33 West 39th Street

New York, N. Y.



April 21, 1943.

Mr. Paul B. Juhnke,  
 72 West Adams Street,  
 Chicago, Illinois.

Dear Sir: An application has been filed for transfer to the grade of FELLOW in this Institute, under Clause(s) a & d 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.

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Name of Applicant Very truly yours,

John Elmer Housley,  
 District Power Manager,  
 Aluminum Company of America,  
 Alcoa, Tenn.

*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) definitely yes (b) positively

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.

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

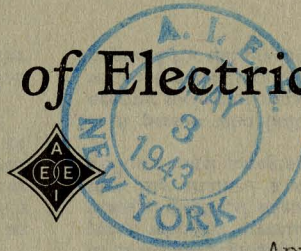
SIGNED *P. B. Juhnke*  
 DATE 4/23/43 *Fellow*



# American Institute of Electrical Engineers

33 West 39th Street

New York, N. Y.



April 21, 1943.

Mr. O.K. Marti,  
Allis-Chalmers Mfg. Co.,  
Milwaukee, Wisconsin.

Dear Sir: An application has been filed for transfer to the grade of FELLOW in this Institute, under Clause(s) a & d 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,

John Elmer Housely, District Power Manager,  
Aluminum Company of America,  
Alcoa, Tennessee.

*H. H. Henline*  
National Secretary

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

*Five 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.

During the last five years I have had many occasions to follow the work of the applicant who was in charge of very important power supply layouts in connection with electrolytic reduction power converting equipment requiring the solution of many problems. In all this work, the applicant has contributed <sup>improvements</sup> notable ~~work~~ in the electrical field.

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

SIGNED

DATE

*Thomas K. Marti, Fellow*  
*April 28, 1943*



# American Institute of Electrical Engineers

33 West 39th Street

New York, N. Y.



April 20, 1943.

Mr. Charles A. Perkins,  
1715 West Clinch Avenue,  
Knoxville, Tennessee.

Dear Sir: An application has been filed for transfer to the grade of FELLOW in this Institute, under Clause(s) a & d 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,

John Elmer Housley, District Power Manager,  
Aluminum Company of America,  
Alcoa, Tennessee.

*H. H. Henline*

National Secretary

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

Student in my classes 1913 - 1915

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 (Vice-president of A.I.E.E.) (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 superintendent of Power Supply for the Aluminum Co. Alcoa, it is his business to see that there is an uninterrupted flow of power to this plant - now much enlarged. In this effort he has been exceptionally successful. He has developed the theory that most accidents can be avoided before they happen, if everything is kept in perfect order, and if inspections are ( over )

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SIGNED

DATE



of danger spots in machines at times when they can be taken down and inspected without interfering with production.

Is actively interested in the East Tenn. section of A.I.E.E. and keeps up to date on electrical developments in his own, and in allied fields.

Will make a good Fellow.

Chas A Perkins

Fellow

April 23 1943

Date..... 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."