# American Institute of Electrical Engineers

Record of Application for

**Transfer to the Grade of Fellow**

**No.** 5080

**Name**
Mr. J. Allen Johnson, Electrical Engineer

**Address**
Niagara Falls Power Co.
Niagara Falls, N.Y.

<table>
<thead>
<tr>
<th>References</th>
<th>Grade</th>
<th>Communicated With</th>
<th>Second Request</th>
<th>Replies Received</th>
</tr>
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<tbody>
<tr>
<td>P M Lincoln</td>
<td>Fellow</td>
<td>July 23, 1927</td>
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<td>J C Parker</td>
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<td>Wm J Foster</td>
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<td>R B Williamson</td>
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<td>F D Newbury</td>
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<td>H B Smith</td>
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<td>D W Roper</td>
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<td>C F Scott</td>
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<td>L E Imlay</td>
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**Action by Board of Examiners:** Recommended

**Date:** Oct 5, 1927

**Action by Board of Directors:** Recommended

**Date:** Dec 3, 1927

**Posted in:** November JOURNAL.
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 .................................................. J. Allen Johnson

Present title or occupation ........................................ Electrical Engineer

Business address .................................................. The Niagara Falls Power Co., Niagara Falls, N. Y.

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.

REFERENCES.

Fellow Paul M. Lincoln
Fellow John C. Parker
Fellow Wm. J. Foster
Fellow R. B. Williamson
Fellow F. H. Newbury

Fellow Harold E. Smith
Fellow N. L. Pollard
Fellow Wm. Adams
Fellow John H. Roper
Fellow H. W. Haaren
Fellow A. B. Inlay

(Associate 1907)
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

(Type written copy preferred)

1. Name: Joseph Allen Johnson


3. Business address: Niagara Falls, N.Y.

4. Date and place of birth: June 21, 1882, Northboro, Massachusetts

5. Constitutional clause: (a) (d)


   Four years at Worcester Polytechnic Institute, Worcester, Mass.

   Bachelor of Science in Electrical Engineering 1905.

7. Record of professional experience.

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<tr>
<th>Dates here</th>
<th>Applicant’s Record (continued)</th>
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<tr>
<td>June 23, 1904</td>
<td>The Ontario Power Company of Niagara Falls, Niagara Falls, Ont.</td>
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<td>June, 1905</td>
<td>Electrolysis survey for 18’ foot diameter steel conduit.</td>
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<tr>
<td>May, 1912</td>
<td>Appointed Electrical Engineer of the Ontario Power Company of Niagara Falls; in responsible charge under Chief Engineer for all electrical design and engineering.</td>
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<tr>
<td>Nov., 1917</td>
<td>While still with Ontario Power Co., was in responsible charge of design of electrical features of plant of Salmon River Power Co., Almonte, N.Y.</td>
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<tr>
<td>Feb., 1918</td>
<td>Assistant Engineer and Electrical Engineer for The Ontario Power Co. of Niagara Falls.</td>
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Appointed Electrical Engineer of this Company early in 1916, in responsible charge of electrical design and engineering of new projects.

Upon consolidation of the Cliff Electrical Distributing Company, Hydraulic Power Company, and Niagara Falls Power Company into The Niagara Falls Power Company, became Electrical Engineer of latter Company in responsible charge of all electrical design and engineering work.

Signed: J. Allen Johnson

Dated: July 20, 1918.

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.
1910 Originated and installed in the plant of The Ontario Power Company of Niagara Falls a new system of alternator excitation, comprising individual exciters and voltage regulators with the regulators compounded or compensated with quadrature or "third phase" current, thus for the first time making possible the stable operation in parallel on a common bus of alternators equipped with individual exciters and voltage regulators. See "Excitation and Voltage Control in the Plant of The Ontario Power Company of Niagara Falls", Electric Journal, November, 1914.


1921 Originated and pioneered, by adoption for 65,000 kv-a. generators of The Niagara Falls Power Company (1922), a new system of power supply for generating station auxiliaries comprising the use of an A.C. auxiliary generator direct connected to the main generator. See annual report of Electrical Apparatus Committee, N.E.L.A., May, 1922.
