IRC

April 23, 1963

Mr. Warren H. Chase State Office Building 65 South Front Street Columbus 15, Ohio

Dear Warren:

ARPICLE

Enclosed is a first sough draft of an article written in response to a request from the Editor of IREE publications. As near as I could understand it, he wanted something about the United Engineering Center and the way the staff is distributed and organized, and, also, something about URT, EJC, and ECFD. That is a fairly big order.

What I have thrown together here is a rough draft on which I propose to do a lot more work this week, if nothing with higher priority interferes. It is scheduled for the June issue of ELECTRICAL ENGINEERING and the PROCEEDINGS. It should be a good deal more newsworthy in the PROCEEDINGS than in ELECTRICAL ENGINEERING

In any event, what we have here is an article in search of an author. I think the most appropriate author would be the Chairman of the IEEE Intersociety Relations Committee, who is, also, a member of the Council of ECPD and Vice-President of EJC. This, also, makes him a member of EEC, I assume.

My thought is that, if you see enough possibilities in this first rough draft and will indicate your reactions in terms of what should be omitted and what should be added, it ought to put the thing in acceptable shape by the end of the week, so as to meet the deadline which the Editors have set as April 29. If we have something in pretty good shape by that time, I am sure we can do a little more work on it before it finally has to be set in type, or, at least, approved in proof form.

I can readily see that there are some serious difficulties with it. It makes no mention of the IRE commitments, such as JTAC. However, I believe that what is of particular interest to the IRE members, at least, is the UET, EJC, and ECPD commitments. I think everybody can understand the technical connections, such as the American Standards Association, the International Electrotechnical Commission, the World Power Conference, and the like. To include all of these would exceed by a great deal the limits

Mr. W. H. Chase April 23, 1963 that have been imposed by the Editor as to the length of the article. Also, the specifications set by the Editor do not include any of these things. I am enclosing a xerox copy of the memorandum that got all this started, so you can see what the orders were. I hope you will agree to have this appear under your name as Chairman of the Intersociety Relations Committee for the purpose of informing the membership, and, particularly, the IRE segment on these important intersociety relations. I hope, also, you can find the time to indicate the ways in which you would like to have it rewritten. I find that the hardest job is to get something down on paper. After that, the revision comes relatively easy. I am asking Steve Marras, Roy Wheelock, and Miss Murray to tell me what is wrong with it from the standpoint of their several organisations. I don't think that you need worry about the accuracy of the statement after they get through with it. This is Monday night in Brooklyn. My present intention is to call you tomorrow (Tuesday) and talk about this a little bit in the hope that you can read it early on Wednesday, and tell me by Wednesday afternoon what your reaction and desire in the matter will be. Whenever possible. I like to meet the deadlines set by the Editors. However, I would rather give them a job that is satisfactory to you than to meet the deadline arbitrarily set by them, which may or may not be a critical one. Cordially yours. N. S. Hibshman Executive Consultant RSH .mec Engl.

INTER-OFFICE LETTERS ONLY

DATE April 3, 1963

70 Mr. N. S. Hibshman

FROM R. K. Jurgen

SUBJECT Brief News Story for EE and PROCEEDINGS OF THE IEEE

Mr. Gannett informs me that Dr. Ryder still feel that a brief news story as outlined in the minutes of the Eighth Meeting of the 14-Man Committee would be desirable for both ELECTRICAL ENGINEERING and PROCEEDINGS OF THE IEEE.

At this time, however, it would seem best not to include any lengthy discussion of the merger but rather devote the story mainly to what is here in the United Engineering Center that IEEE members should know about. This discussion could include some mention of the Founder Societies, a description of the United Engineering Trustees, EJC, Engineering Societies Library, and Engineering Index. Perhaps a brief description of the combined Headquarters staff could be included.

If you are still willing to do this for us, we would appreciate it sincerely. A length of about 1500 to 2000 words would be appropriate.

RKJ:sg

cc: E. K. Gannett

Ronald K. Jurgen

IEEE INTERSOCIETY RELATIONS

The merger of IRE and AIEE has been described in terms of an ideal marriage to which each of the well-matched partners brought valuable dowries for the furnishing and endowment of the new household. This is a valid analogy. However, we have here no youthful romance unencumbered and entirely free to choose where and how to set up housekeeping. Rather, we have two middle-aged, propertied, socially active partners, each with a flock of in-laws. Between the two partners, there are about forty national and international participating memberships in federations and joint activities with other engineering and scientific societies. Most of these are casual and annually renewable sponsorships of joint conferences and symposia. Others are long standing contractual relationships of one party now assumed by the consolidated partnership.

The most important of these firm connections inherited by IEEE is

AIEE's position as one of the five "Founder Societies", constituting the

United Engineering Trustees. This relationship has its beginning in 1904

when the AIME, ASME, and AIEE formed a corporation, first known as the

United Engineering Society, to accept a gift of \$1,000,000 from Andrew

Carnegie, to raise the additional funds needed, and to own and manage the

Engineering Societies Building on West 39th Street in New York; and to

maintain there a free public Library. The original three Founder Societies

was joined by the ASCE in 1916 and by AIChE in 1958. September 1961, the

Founder Societies, together with a dozen Associates, moved into the new

\$12-million, 20-story United Engineering Center on United Nations Plaza at

47th Street. The members of AIEE contributed over \$900,000 to the building

fund and took two and half floors for their headquarters.

This space in the United Engineering Center proved ideal in size and location for the IEEE Editorial, Professional Technical Groups, and Technical Operations Committee Staffs, numbering just under 100.

The decision to install all of the editorial and technical service staffs together and in the same building with the Engineering Societies Library, the Engineering Index, and the staffs of the eighteen other major engineering societies has been an important factor in accelerating the complete integration of the work of the two Institutes.

The similar concentration of financial and membership services in the former headquarters of the IRE at 79th Street and Fifth Avenue is likewise proving to be a highly efficient arrangement for the nearly 200 staff members engaged in those equally important functions.

The United Engineering Trustees is a governing Board of 15 members, three from each of the "Founder Societies". They are responsible for the management of the United Engineering Center Building, the Engineering Societies Library, The Engineering Foundation, the Fritz Medal, and the custodianship of certain other funds.

The Engineering Societies Library contains 180,000 volumes. It receives currently over 3,400 periodicals and other serial publications from 50 countries in 20 foreign languages. Its services include literature searches, photoprinting, microfilming, translations, as well as book loans to members of the Founder and Associate Societies. In the year 1961-1962, the library served 23,000 visitors and 41,000 requests and orders by mail, telephone and telegraph.

The Engineering Foundation was established in 1914, "for the furtherance of research in science and engineering, or for the advancement in any other

manner of the profession of engineering and the good of mankind," by a gift from Ambrose Swasey. Its present total endowment of over \$3,000,000 makes available about \$100,000 annually for the support of research or other professional projects within the scope of its broad charter.

Another department of the United Engineering Trustees administers the endowed awards known as the John Fritz Medal and the Daniel Guggenheim Medal.

Closely related to the Engineering Societies Library in function and location, but not a department of United Engineering Trustees, is the Engineering Index. This is a separate non-profit corporation providing since 1885 a comprehensive indexing and abstracting service based on the 1500 periodicals and society transactions available in the Engineering Societies Library. Subscribers to the complete service receive daily abstracts on cards to the number of 30,000 a year. The service is divided into some 300 separate "Fields of Interest" Divisions, any one or more of which may be secured by subscription. The complete index is issued also as a monthly "Bulletin" and as an annual volume familiar in most library shelves. Any article abstracted by the Engineering Index is available from the Engineering Societies Library.

So, one party to the marriage owned a Chateau on Fifth Avenue and the other has a stake in a modern cooperative apartment house, with associated conveniences and services overlooking the United Nations and the East River. Fortunately, the functional requirements of the family are well and efficiently served by both. The fact that there is little excess room for a staff of nearly three hundred is not a matter of concern. There is every reason to be confident that growth in membership and services will be met with automation for which plans are well developed.

The Headquarters Staff is organized around functional service operations each headed by a staff chief reporting to the General Manager. The major departments are located in three centers as indicated in Table I.

The Founder Societies, of which IEEE is now one, work through the United Engineering Trustees to provide a common home and some of the tangible tools essential for their direct achievement of the scientific and educational objectives that they all share. Two other major federations of engineering bodies have been organized around the nucleous of the Founder Societies for the cooperative pursuit of other, less tangible, common objectives. These are Engineers Council for Professional Development (ECPD) and Engineers Joint Council (EJC).

ECPD was organized in 1932 by the five Founder Societies, ASEE, and NCSBEE. Later the EIC, IAS, and IRE joined to make the present Council of ten bodies with "The exclusive purpose to advance and promote scientific and engineering education with a view to the promotion of the public welfare through the development of better educated engineers". This purpose is "carried out by a program of guidance to high school students, the formulation of criteria for colleges of engineering, the assistance of such colleges in planning and carrying out their educational programs, cooperation with the State licensing agencies to maintain high educational standards, and the promotion of the intellectual development of the young engineer."

The program for the accrediting of engineering college curricula now includes 862 curricula in 168 colleges and schools of engineering. Of the 862 curricula accredited, 150 are in electrical and electronics engineering. Only curricula leading to the first degree in engineering are currently accredited. It is, however, the objective of ECPD to serve the whole

spectrum of engineering education from the technician through the undergraduate and postgraduate levels. A related body presently accredits; a limited number of Technical Institutes.

The accrediting program is geographically organized into seven Regions covering the United States. Over 600 members of the ten participating societies are available for inspection of curricula. 130 members of IEEE are listed among those available for this service. In a normal year, over 100 inspectors are called upon from all fields.

Similar large numbers of members from the societies in ECPD give generously of their time and efforts to the high school guidance program which is likewise nationally organized and working through the local Sections. Committees on Student Development, Continuing Education, Recognition, and Ethics made up of pres representatives from the constituent societies pursue the complete spectrum of ECPD objectives on a national scale.

Internationally, ECPD has undertaken cooperation with EUSEC and UPADI as the educational representative of its constituents.

The purpose and function of ECFD has been characterized as "intraprofessional, in that it seeks to advance the profession through the education
of its members and prospective members. From the same viewpoint, EJC's
purpose and function has been described as extra-professional in that it
seeks to bring to bear on the public welfare the knowledge and skills of
the profession. Such a distinction would still to a degree be valid, but
EJC has been undergoing a rapid evolution in recent years and its program
cannot so readily be classified.

The history of EJC goes back to 1942 and the formation of a Joint Conference Committee composed of the Presidents and Secretaries of the Founder Societies for the purpose of "joint cooperative action in support of the national defense". In 1952, the Council was formally organized with a Board of Directors on which constituent societies had representation proportional to membership and additional societies were invited to join. After incorporation in 1958, the Council quickly developed its present form and program.

EJC now consists of 11 Constituent Societies, meeting the constitutional requirement of 5,000 corporate members of appropriate qualifications, 3 National Associate Societies, 6 Affiliate Societies, and 9 Regional Associate Societies.

The extensive list of objectives of EJC include the following: a) to promote cooperation among the various branches of engineering; b) to develop recommendations regarding public policies; c) to secure a more efficient utilization of scientific and engineering manpower; d) to promote unrestricted dissemination of knowledge and information. All of these and other objectives of EJC are carefully defined and their pursuit conducted in keeping with the charter of a scientific and educational organization entitled to the legal exemptions and privileges intended for such.

Among the currently active projects in which EJC is engaged are the following:

a) An exploration with the National Academy of Sciences of the development of a suitable framework for engineering participation in national affiars, possibly through a National Academy of Engineering.

- b) The identification of technical problems confronting society toward the solution of which engineers must plan to contribute.
- c) The representation of the U.S. constituents of EJC in the international field through such agencies as UPADI and UNESCO.
- d) The fostering of the international exchange of engineering students through IAESTE.
- e) The development of information systems for the abstracting, indexing, and quick retrieval of engineering information.
- f) The close observation and dissemination of information on the development, utilization, and compensation of engineering manpower.
- g) The assembly and dissemination of information about engineering society meetings.

The results of these activities are made known to the members of the constituent societies through periodic publications and special reports, notice of which appears in the society journals.

Unity of the engineering profession is a subject much discussed over the past decade. Many proposals have been offered for a unified organization embracing all of the disciplines represented by the various societies, such as IEEE. It is the view of many of us that the type of functional unity enjoyed through EJC and ECPD is effective. That is; we join together, for cooperation on the specific objectives appropriate to our charters which can best be achieved by cooperative action while retaining the freedom to serve our individual memberships and the public good through the intensive cultivation of our special fields.

These major cooperative efforts are informally monitored and directed through a Board for Engineering Cooperation consisting of the Presidents and Vice-Presidents of ECPD, EJC, and NSPE.

NSPE, as a national organization of individual licensed engineers, with state and local chapters devoted to the advocacy of favorable legislation and the advancement of the personal interests of its members, functions in a field outside that of the technical societies and their two principal federations. In cooperation with these federations, however, through BEC, a high degree of functional unity is achieved for the engineering profession.

TABLE T DERSONNEL AND SLEPHONE DIRECTORY

TA	BLE I PERSONNEL AND ELEPHONE DIRECTORY		
Office No. 1 I East 79th Street, New Yor Telephone: (Area code 212	Office No. 2 ork 21, N.Y. Office No. 2 345 East 47th Street, New York 17, N.Y. 72	West 45th Street, New lephone: (Area code 21. no number will be Pl 2.	2) Ki 2-6606
		Office No.	Extension
Executive Office	Donald G. Fink, General Manager	1	855
	George W. Bailey, Executive Consultant	1	334 757
	Nelson S. Hibshman, Executive Consultant	2	338
	Joan M. Kearney, Administrative Assistant to Mr. Fink	12	713 337
	Agnes A. Watson, Assistant to Miss Kearney	1	712
Charles Co.	A Company of Layer way		Y most usa.
Advertising Operations	William C. Copp, Advertising Manager	3	10
	Lillian Petranek, Assistant Advertising Manager	3	11
Editorial Operations	Elwood K. Gannett, In Charge	2	427
E. C. Harriston and St. St. House	W. Reed Crone, IEEE student publications	2	514
	Evelyn Friedman, Bimonthlies, annual Transactions	2	437
SEASON DE SEASON	Helene Frischauer, Associaté Editor, IEEE Proceedings, PTG Tr	ransactions 2	516
	Ronald K. Jurgen, Managing Editor, Electrical Engineering	2	202
	Charles S. Rich, Consulting Editor to the General Manager	2	204
Field Operations	Laurence G. Cumming, In Charge	1	818
Service Constitution		2	537
	Audrey Van Dort, Assistant to Mr. Cumming	The state of the s	814
Fiscal Operations	George E. Herrmann, In Charge	1	731
	John B. Buckley, Assistant to Mr. Herrmann	1	732
Membership Services	Emily Sirjane, In Charge		752
	Warren E. Braun, Deputy to Miss Sirjane	1	835
	Veronica Lewis, Administrative Assistant	1	753
Professional Technical	Richard M. Emberson, In Charge	- charge Carlo A 198 39	F25
Group Operations	Gene B. Bond, Assistant to Dr. Emberson	and properties have a first transfer	535 536
Croup Operations	delle B. Bolid, Assistant to Br. Emberson		330
Technical Operations	John L. Callahan, In Charge	2	532
	John J. Anderson, Jr., Standards	2	332
	Edward C. Day, Technical Program Service	2	435
	Redmond S. Gardner, Special Technical Conferences	2	432
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INTER-OFFICE LETTERS ONLY

DATE 3/1/63

TO Mr. D.G.Fink, General Manager

FROM N.S. Hibshman

SUBJECT EUSEC

Your letters to Warren Chase relative to EUSEC and the British Chemical Engineers, raise the question as to whether our International Relations Committee under Dr.McFarlan should be kept informed, at least, in this field. Perhaps EUSEC and UPADI are more in the nature of International than Intersociety relations. Surely what Regions 8 and 9 do will have a considerable bearing on our EUSEC relations.

THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS

BOX A, LENOX HILL STATION

NEW YORK 21, N. Y.

February 26, 1963

Mr. Warren H. Chase Director of Commerce State of Chio State Office Building 65 South Front Street Columbus 15, Chio

Dear Warren:

Here is still another item of policy making in the Intersociety Relations field. The staff feels that no particular advantage will be gained by extending reciprocal privileges with our British cousins in the chemical engineering field. However, this letter no doubt should be a part of the general policy governing our participation in EUSEC, as per the suggestion in Nelson Hibshman's attached memo of February 12.

Larry Cumming stands ready to look into this further if you would like.

Best regards,

Donald G. Fink General Manager

Attachment

CC: L. G. Cumming

N. S. Hibshman - THIS COPY FOR

E. K. Gannett

THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS

BOX A. LENOX HILL STATION NEW YORK 21, N.Y.

February 26, 1963

Mr. Warren H. Chase Director of Commerce State of Ohio State Office Building 65 South Front Street Columbus 15. Ohio

Dear Warren:

One of the groups which needs to be considered in your Intersociety Relations Committee is EUSEC. I think you know about this organisation, which is a grouping of engineering societies in Western Europe and North America. I am forwarding herewith a file on this subject, including an informative memo from Nelson Hibshman. You may wish to get further information on this from Nelson.

I gather from talking with Nelson, that it is unlikely that IEEE will want to take a very active part in EUSEC affairs, especially since EUSEC appears to be rather violently opposed to the "non-national" character of IEEE. In any event, I feel certain that we should not proceed too active participation with this group until your committee has reviewed it and made recommendations to the Executive Committee. "

As you can see, the file on the Interseciety Relations Committee is growing rapidly. Best of luck!

Very sincerely,

Alan

Donald G. Fink General Manager

CC: L. G. Cumming



1 RC December 4, 1962 Mr. Lynn C. Holmes General Dynamics/Electronics 1400 N. Goodman Street Rochester 1, N. Y. Dear Lynn: The enclosed document came with a letter from the new Secretary of the IEE recently. I don't know whether you have seen it before or not. Copies were supplied to Dick Teare and Don Fink and others. I don't know what responsibilities you may retain with respect to intersociety relations after January 1, 1963, but I think your background may be helpful in that connection as a member of the Board of Directors of IEEE. Another communication recently received from ECPD is also included for your information. Cordially yours, N. S. Hibshman Executive Secretary NSH.mec Incl.

Memorandum on the Overseas Policy of the Institution of Electrical Engineers.

The Institution's policy underlying its activities overseas is based upon two propositions: first that it should look beyond the short-term interests of its members abroad to the longer-term and wider interests of all engineers, and engineering generally, in the countries in which its members reside; and second, that these longer-term interests depend primarily upon the existence of national engineering institutions that are of high reputation as learned societies, maintain high standards of professional qualification and conduct, and are representative of the majority of professional engineers in the specialties with which the societies are concerned. The Institution's policy is therefore to do all it can, both directly and through its members abroad, to help to create and strengthen national engineering societies in other countries.

To look beyond the short-term interests of its members abroad does not, of course, mean that the Institution disregards those interests. It seeks however to ensure that, wherever possible, the corporate professional needs of its members, especially their learned-society activities, are catered for through, and by arrangement with, the local national engineering societies.

The policy of supporting national engineering socioties derives from the two following considerations.

Having regard to the strength of national sentiment, particularly in rapidly developing countries, it is believed that an environment should be created, in the engineering field as in others, that will enable national sentiment to operate productively. It is therefore thought to be right that engineering societies should be fostered which can serve as a focus for national pride and enthusiasm in the engineering field. Many responsible engineers are inhibited from associating with or joining a foreign-based society, especially if it appears to compete with a national body. Consequently, while it is possible for a well run national society to satisfy the needs of, and to be representative of, substantially all professional engineers in a country, a foreign-based society cannot do this.

It is believed also that the most important way in which engineers, acting collectively, can influence the advancement of engineering is by the influence they can exert upon the Government and upon the educational authorities. This does not mean the exerting of political pressure, but the creating of a situation in which the Government and the Authorities responsible for the training of professional engineers recognise the engineering societies as sources of authoritative advice and worthy of consultation on any matter concerning engineers and engineering. Such a role can only be played by a national society, for Governments and other national bodies will not look naturally to foreign-based societies for advice. Moreover the authority of a national society will depend very largely upon the extent to which it is recognised as fully representative of professional opinion in its field.

The Institution recognises that the development of a reputable foreign-based society can only be at the expense of a national society with which it will compete for membership and, in the learned-society field, for papers and other programme material. This, for the reasons given, is regarded as wholly detrimental to the longer-term interests of engineers in the country in question.

It as sometimes been argued that, in the country which the learned society and professional activities of engineers are catered for by different organisations, the development of a foreign-based learned society will not harm the professional standing of the engineers or their relationship with government and other national authorities. The Institution does not accept this argument. It believes that the development and vitality of the community of engineers, upon which their success and reputation depend, are based upon their learned-society activities, and that it is only by a closeness of association impossible between a foreign-based learned society and a national professional body that the best result can be achieved.

The Institution has accordingly agreed with other engineering societies in Europe, North America and the Commonwealth, which are members of EUSEC and the Commonwealth Engineering Conference, to give all proper support to each participating society within its own country, and to initiate no action within the country of another without first informing it and obtaining its consent. If, as has occurred on one or two occasions, a national engineering society abroad agrees that, in the interest of members, a branch of the Institution should be formed, the Institution gives consent to the local members concerned to form either a branch of the Institution, or a joint group in conjunction with the Institutions of Civil and Mechanical Engineers. In other cases, however, the Institution does not permit its members to form a local branch of the Institution in a country where there is a national society with similar aims. It will, on the other hand, seek to make arrangements for the national society to cater for the learned-society needs of the Institution's local members, and encourage its members to play a full part in developing the activities of the national society.

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ECRA

November 28, 1962

Mr. D. G. Fink, Secretary
The Joint Merger Committee
1 East 79th Street
New York 21, New York

Dear Mr. Fink:

At the first meeting of the Recognition Committee of ECPD for the 1962-63 fiscal year held November 26, Mr. P. L. Alger reported on the activities of the Merger Committee for AIEE and IRE. As you may know, this is the first time information concerning considerations of membership grades involved in the merger came to the attention of the Recognition Committee.

The Recognition Committee is very pleased that the merger of the two groups is proceeding smoothly. We believe this to be a long step in the direction of a unified engineering profession which should aid materially in furthering the ultimate realization of that worthy goal. Both IRE and AIEE may be proud of this wise move.

Unfortunately, however, the Recognition Committee is both disappointed and chagrined that consideration is being given in the jointure to the adposion of membership-grade designations at variance with those recommended by ECPD. It seems to us particularly unfortunate that a wonderful step such as you are taking toward unification should be accompanied by what appears to be a needlessly divisive step. This is all the more difficult to understand when the definitions of the grades under consideration fit so closely with those already established by ECPD, but with different designations.

As you may be aware, a standard definition of membership grades was adopted by ECPD in 1949, and hard work by Recognition Committee members over the years has resulted in almost universal adoption of these grades. Several of the member societies have gone to considerable trouble and expense to cooperate in this effort and have changed their designations to fit, in the interests of unity. In view of this, a refusal now of one of our key societies to confirm the value of uniform membership designations would negate a great deal of hard work and render meaningless the earnest effort of our colleagues to approach unification of the profession. I cannot believe that, in joining hands in the electrical engineering field, you would wish to reject the community of interest with your other brethren.

Mr. D. G. Fink November 28, 1962 Page 2

Mr. Alger reports that there is some feeling that the term Senior Member is necessary to add some special distinction to the term member. We submit that a "member" as now defined is a highly qualified and honored position and needs no superfluous syllables to establish its importance further. Surely, the discarding of the effort of ten years and of many of your colleagues, is not fairly measurable against such a minor consideration.

There can, of course, be little possibility that the Recognition Committee could, at this late date, consider changing its recommendations when this puts it at variance to all that it has struggled for and accomplished, and the obligations to others this has created.

As a committee, we earnestly request and recommend that the Joint Merger Committee carefully consider this matter again, and adopt the standard ECPD membership-grade designations.

Respectfully yours,

Richard Fleming, Chairman for the Recognition Committee

RF/amc Attachment

CC: Exec. Sec. IRE
Exec. Sec. AIEE

Dr. Ralph Morgen
Elsie Murray
Mr. P. L. Alger
Mr. Guy Savard



AMERICAN INSTITUTE of ELECTRICAL ENGINEERS

345 East Forty-Seventh Street, New York 17, N. Y.

PLAZA 2-6800 (AREA CODE 212)

November 9, 1962

To the Chairmen and Members of
Institute Committees and
Intersociety Representatives

Gentlemen:

APPOINTMENT CONTINUES

Will you please consider that your present appointment as a committeeman or representative of AIEE remains in effect, and that the uninterrupted continuation of your functions and services is urgently desired regardless of normal terminations or corporate organization changes, until such time as the IEEE Board of Directors issues further instructions.

I am authorized to make this request by action of the Board of Directors of ATEE, October 12, 1962, and with the concurrence of the Joint Merger (14-Man) Committee. The same request is being addressed to IRE committeemen and representatives.

It is important that continuity in all organizational units of the two Institutes be maintained while the merger is in process and the new IEEE Board of Directors works its way through the many problems that require its attention. Where AIEE and IRE committees have duplicate functions, eventual consolidation will doubtless take place into a single IEEE committee. Where the function is unique to one Institute, the current committee may carry on until such time as the function is either discharged or fully integrated into the organization of the IEEE. In any event, the importance of having experienced members in charge during the transition is obvious, and I hope you will continue in your position as requested. In fact, I will assume so unless you notify me otherwise.

While IEEE will, of course, be deeply interested in finding and developing future officer and committee personnel, the usual AIEE canvass for candidates for appointment, which previously began about this time of year, will be omitted.

This request is not addressed to elected officers or appointees of geographical units, such as Districts and Sections. These are covered by the merger agreement or the plans of their own units.

I am confidently assuming your cooperation and extending my sincere thanks for what you have done and will do for AIEE and IEEE.

Cordially yours,

B. R. Teare, Jr. President



AMERICAN INSTITUTE of ELECTRICAL ENGINEERS

345 EAST FORTY-SEVENTH STREET, NEW YORK 17, N. Y.

PLAZA 2-6800 (AREA CODE 212)

September 17, 1962

To the Executive Committee, AIEE

ECPD BALLOT

Gentlemen:

The Engineers Council for Professional Development asks approval on two proposals prior to its Council meeting in Philadelphia, October 1, 1962.

Our Intersociety Relations Committee has reviewed these proposals and, by letter ballot, voted to recommend both for favorable action by AIEE.

The proposals are as follows:

- 1) That ECPD incorporate in New York State for the reason and in the manner stated in the attached letter from President Morgen to me dated July 30, 1962.
- 2) That ECPD be authorized to continue to represent ATEE, along with the other Founder Societies, in future EUSEC educational programs and studies. The attached EUSEC Resolutions explain in part the nature and scope of this program.

I am glad to add my personal endorsement to these proposals.

Will you please express your decision on the enclosed ballot and return it promptly to the Executive Secretary.

Cordially yours.

B. R. Teare, Jr.

President

Enclosure

September 17, 1962

AIEE EXECUTIVE COMMITTEE BALLOT

	ECPD PROPOSAL NO. 1	
Engineers' Council	ered the question of the incorpor for Professional Development as of of September 17, 1962, and recomm	lescribed in the
In favor	Against	
	ECPD PROPOSAL NO. 2	
Founder Societies a activities attendan	al to continue ECPD as the agency t EUSEC Education Conferences, st t thereon, as recommended by the letter of September 17, 1962, I VOTE	udies, and other
In favor	Against	
Date	Signed	

July 30, 1962 will not be a federation of our results of besings or garden to mother to mediate to an interest and the

ter nighes, incorporated or unincorporation.

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THE PERSON NAMED IN COLUMN 1

The regularities, and to further the intellectual development of individuals who are or may become engineers Dean B. Richard Teare, Jr., President American Institute of Electrical Engineers Polyments but all light and all light and an institute of Electrical Engineers Carnegie Institute of Technology .- Indian bedaying and to image invention of the point of the contract of the Pittsburgh, Pennsylvania (c) To saving out a progress of guidance to high sampoi students, the forestables of ex-

Dear Dean Teare: That you propries has salensing at especies down to something and and appropries

was, to cooperate with the State Houseing agencies to maintain bigs educational state on the me During the year 1961-62, ECPD received a rather unpleasant threatening letter from an attorney in regard to an accreditation matter. The particular case in question has apparently reached a satisfactory solution without any further unpleasantness.

However, as a result of this action, the members of Council of ECPD (three of whom represent your society) and several of the societies themselves have become concerned over the possibility of personal liability to the members of Council and to the associations who are participating bodies.

Mr. Simon Presant, our counsel, has suggested that ECPD become incorporated as a non-profit New York corporation. The corporation should not be a new body but a continuing corporation of the present Engineers! Council for Professional Development, an unincorporated association. If done in this way, the tax status of the Engineers' Council for Professional Development will be inherited by the new corporation.

While the incorporation will not relieve the members of Council from personal liability in cases of tort, 1.e., libel, it will limit the liability of the members of Council to other actions and will limit the liability of the participating bodies to the amount of their participation in ECPD.

do and started part of the settlettes of the desponding star lettered of . d In order to make application for formation of the corporation, two actions are required:

- 1. At the Annual Meeting of ECPD in October, 1962 at Philadelphia, Council must vote favorably and authorize the Committee to act for it in the incorporation procedures.
- 2. In accordance with Article VI of the ECPD Charter, Changes in the Charter, "Changes in the Charter shall be made only after approval by the governing boards of two-thirds of the participating bodies," it is requested that your society formally give ECPD authority to incorporate as the Engineers' Council for Professional Development, Incorporated, a non-profit corporation.

ey wall to wanned Loaddonin A copy of the proposed certificate of incorporation is attached for your information.

Your early attention to this matter will be appreciated.

Kindest personal regards.

FORT OFFICE ADDRESS

Sincerely, out . (03) while mand seem you (t) sould made seal doe reduce lives exchange out . (1)

Ralph A. Morgen President

> CERTIFICATE OF INCORPORATION of THE ENGINEERS! COUNCIL FOR PROFESSIONAL DEVELOPMENT. INC.

Pursuant to the Membership Corporations Law

We, the undersigned, a Committee of The Engineers' Council for Professional Development, an unincorporated association, having its offices at 345 East 47th Street, New York 17, New York, and which association is not organized for pecuniary profit, having been duly authorized to incorporate the association, and all being of full age and all being residents of the State of New York, desiring to form a corporation pursuant to Section 10 of the Membership Corporations Law of the State of New York, do hereby make, subscribe and acknowledge this Certificate as follows:

- 1. The name of the proposed corporation is: THE ENGINEERS! COUNCIL FOR PROFESSIONAL DEVELOPMENT, INC.
- 2. The purposes for which said corporation is to be formed are as follows:

- (a) To act as a federation of engineering bodies organized to assist in and to advance education for engineering, and to further the intellectual development of individuals who are or may become engineers.
- (b) To advance and promote scientific and engineering education with a view to the promotion of the public welfare through the development of the better educated engineer.
- (c) To carry out a program of guidance to high school students, the formulation of criteria for colleges of engineering, the assistance of such colleges in planning and carrying out their educational program, to cooperate with the State licensing agencies to maintain high educational standards, and the promotion of the intellectual development of the young engineer.
 - (d) To do all things necessary and proper in connection with or incidental to the foregoing purposes.
- 3. Notwithstanding any of the provisions of the foregoing paragraph, which may be construed to the contrary, The Engineers' Council for Professional Development, Inc., shall not engage in any activity which is not educational, scientific or charitable within the meaning of Section 501 (c) (3) of the 1954 United States Internal Revenue Code.
- 4. On any dissolution of the Corporation, its assets shall be distributed to an organization or organizations organized and operated for similar educational, scientific or charitable purposes, and subject to the order of a Justice of the Supreme Court.
- 5. The Corporation is not organized for pecuniary profit, it shall have no stock or stockholders, and none of its net earnings shall be distributed to or enure to the benefit of any private shareholder or individual.
- 6. We substantial part of the activities of the Corporation shall be the carrying on of propaganda, or otherwise attempting to influence legislation, and the Corporation shall not participate in, or intervene in (including the publishing or distributing of statements) any political campaign on behalf of any candidate for public office.
- 7. The territory in which the operations of the Corporation are presently to be conducted is the State of New York, but the Corporation may do any or more of the acts herein set forth as its purposes within and without the United States of America and in any part of the world.
- 8. The principal office of the Corporation is to be located in the City of New York, Borough of Manhattan, County of New York and State of New York.
- 9. The members of the Corporation shall all be professional engineers and/or professional engineering bodies, incorporated or unincorporated.
- 10. The Directors shall number not less than three (3) nor more than sixty (60). The exact number shall be fixed from time to time.
- 11. The names and residences of the Directors until the first annual meeting of the Corporation are

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12. All the subscribers to this Certificate are of full age; at least two-thirds of them are citizens of the United States; at least one of them is a resident of the State of New York; and, of the persons hereinabove named as Directors, at least one is a citizen of the United States and a resident of the State of New York, and all are professional engineers.

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Engineers' Council r Professional Development 345 East 47th Street, New York 17, NEW YORK

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THE CONFERENCE OF ENGINEERING SOCIETIES OF WESTERN EUROPE AND THE UNITED STATES OF AMERICA

Fourth Meeting on Engineering Education and Training, London, 25th-30th June, 1962

RESOLUTIONS

- 1. The Committee on Engineering Education and Training recommend that EUSEC should endorse the plan of the Engineers' Council for Professional Development and the American Society for Engineering Education to institute an International Congress on Engineering Education on the occasion of the Annual Meeting of ASEE in Orono, Maine, U.S.A., in June 1964; and that the EUSEC Committee on Engineering Education and Training should collaborate in the formulation of the programme. The Congress would be officially organized by the American Society for Engineering Education, with the co-operation of EUSEC and ECPD.
- 2. That the Committee on Education and Training recognize the great importance of, and the need for, an investigation of the 'formation' of engineers at non-university level and that of 'techniciens superieures', and are anxious to co-operate with OECD or other appropriate bodies when such an enquiry is initiated.
- 3. The Committee on Engineering Education and Training recommend to the Advisory Committee that the 'block' and 'flow' diagrams in the Report should be revised and updated periodically, by competent authorities, and that in the first instance this should take place triennially, beginning in 1962.
- 4. The Committee on Engineering Education and Training wish to confirm their previously expressed opinion that it should be the policy of EUSEC to avoid making direct assessments of the equivalence of educational qualifications as between the various countries and should limit their activities to the provision of factual information on which such comparisons could be based, and they therefore recommend the Advisory Committee to coffirm this policy.
- 5. The Committee on Engineering Education and Training recommend that EUSEC should encourage the initiation, under appropriate auspices, of investigation by individuals or groups into particular features of the curricula and methods of education and training in the different branches of engineering and in the several countries, with a view to making available critical appraisals of the standards attained in these countries at comparable stages of the various systems.

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6. The Committee on Engineering Education and Training advised the Chairman to nominate the following to reconstitute the committee:

Sir Willis Jackson (Great Britain) - Chairman
Mr. J. Ligthart (Netherlands)
Professor L. Blanjean (Belgium)
Mr. Ove Guldberg (Denmark)
Dr. G. Brenken (Germany)
Dr. Dino Zanobetti (Italy)
Monsieur B, Schwartz (France)
Professor Glenn Murphy (U.S.A.)

After some discussion about the appointment of a Secretary to the Committee (who might or might not be a member of the Committee) it was agreed to recommend Mr. Lightart as Secretary/Treasurer of the Committee and Mr. Norman Stamford as Executive Secretary to assist the Chairman in the performance of his duties.

- 7. The Committee on Engineering Education and Training have taken note during the past years of specific directives concerning its activities contained in Resolution 60/7 of the Brussels Plenary Session of EUSEC. The Committee has been fully occupied within the limits of time and funds available with three of the directives of the Resolutions, namely:
 - 1. The editing and publication of the Report
 - 2. Implementation of Item 7 of the Resolution which dealt with the organization of the Fourth Meeting on Engineering Education and Training.
 - 3. Recommendations for the reconstitution and enlargement of the Committee.

The present Committee recommends to the EUSEC Advisory Committee that the successor Committee on Education and Training should proceed promptly to consider items 2 to 6 inclusive of Resolution 60/7 as follows:

- 2. To consider the organization by EUSEC of international discussions by experts on the educational treatment of new engineering techniques and on changing philosophies of engineering education with particular reference to the growing impact of science on engineering education.
- 3. To study the organization and financing of engineering education in EUSEC countries.
- 4. To assist comparative studies of the methods and standards in force in the countries of EUSEC and elsewhere as may prove practicable.
- To consider ways and means of establishing relations with other bodies working in the field of engineering education and training.
- 6. To secure such funds as may be necessary for the pursuit of these objectives.
- 8. The Committee resolved that permission should be given to the American Society for Engineering Education to reproduce any of the papers presented at the Fourth EUSEC Meeting on Education and Training in their Journal, provided that appropriate credit is given and proofs submitted to the authors for approval. Similar permission would also be given to any EUSEC society who wished to make similar reproductions.

September 17, 1962

feel Optor Hotel Mr. L. C. Holmes General Dynamics/Electronics 1400 North Goodman Street P.O. Box 226 Rochester 1. N. Y.

Dear Lynn:

Thank you for your letter of September 12, announcing the favorable action of the Intersociety Relations Committee on the ECFD proposals. Enclosed is the ballot going to the Executive Committee. I have no doubt we will receive a favorable vote in time to give ECFD the assurance that they are requesting.

On the matter of the Regional business of IEEE, you have by now received the "tentative Regional boundaries" from Haggerty and Tears. These, I suppose, will play a considerable part in the discussions at the District Executive Committee meetings. I hope that you will be able to attend the District No. 1 Executive Committee Meeting in Syracuse on October 5. We have been trying to round up members of the 14-Man Committee to attend as many as possible of these District Executive Committee meetings, but Dick Tears and I feel very definitely that District 1 will not need such assistance so long as you are planning to be there. It is rather difficult to find anyone to take these assignments on what has now become relatively short notice.

I em writing to Paul Kartluke to tell him that no staff members are going to attend District Executive Committee meetings this year. The simple fact is that the staff has no answers to offer to the major questions that will come up other than those we all heard at Denver last June. If members of the 14-Man Committee can be secured to attend some of these District Executive Committee meetings, they doubtless can be helpful in explaining the considerations that have led the 14-Man Committee to such conclusions as have been reached so far.

I will undertake to reserve one-half of the Board Room for you for October 29 and November 5. Please let me know which date you select so that the reservation can be released. There seems to be quite a heavy demand right now for committee meetings in these rooms. If we can't get the Board Room, I can probably get you another room, either on the first flowr or in one of the Board Rooms of one of the other Societies.

Cordially yours.

N. S. Hibshman Executive Secretary



AMERICAN INSTITUTE of ELECTRICAL ENGINEERS

345 EAST FORTY-SEVENTH STREET, NEW YORK 17, N. Y.

PLAZA 2-6800 (AREA CODE 212)

Please Reply To: General Dynamics/Electronics 1400 North Goodman Street P.O. Box 226 Rochester 1, New York

September 12, 1962

Mr. Nelson S. Hibshman
Executive Secretary
American Institute of Electrical Engineers
345 East Forty-Seventh Street
New York 17, New York

Subject: ECPD

Dear Nelson:

There are six members of the Intersociety Relations Committee who have expressed approval by letter-ballot of the two actions as requested in my letter to them concerning the proposed Certificate of Incorporation for ECPD, and the continuation of our delegation of authority to ECPD to represent AIEE in connection with EUSEC Educational Studies and Programs.

On the basis of unanimous expression of approval from those replying to my letter, I recommend that this expression of opinion be brought to the attention of the Executive Committee of AIEE and that this committee be requested to act by letter-ballot on the two propositions.

As indicated in your letter of September 10 to me, this action should be taken in the near future so that the recommendation of the Executive Committee can be transmitted to the ECPD Council meeting in Philadelphia on October 1.

Sincerely yours,

Lynn C. Holmes Director-At-Large

LCH: sf



AMERICAN INSTITUTE of ELECTRICAL ENGINEERS

345 EAST FORTY-SEVENTH STREET, NEW YORK 17, N. Y.

PLAZA 2-6800 (AREA CODE 212)

Please Reply To: General Dynamics/Electronics 1400 North Goodman Street P.O. Box 226 Rochester 1, New York

September 12, 1962

Mr. Nelson S. Hibshman Executive Secretary American Institute of Electrical Engineers 345 East Forty-Seventh Street New York 17, New York

Subject: IEEE

Dear Nelson:

Thank you for sending along to Warren Chase the copy of my letter on plans for the organization of IEEE Region 1. I was sure they would get to the right place in spite of the fact that I was somewhat confused as to exactly where to send them.

You may know that I have not received any official notification that Don Fink is on the job, although references to him indicate that he is. I guess I had assumed that the 14-Man Committee would meet in New York City rather than in Cleveland.

I have already received replies from Les Weed of District 12 and Paul Kartluke of District 1 indicating approval for the 13-Man Merger Steering Committee for Region 1. These men have appointed Don Switzer and Bob Nevin secretaries, respectively, of Districts 12 and 1 to be the second man from their district. I hope we can use a meeting room at AIEE Headquarters, possibly on October 29 or November 5, for a meeting of the committee if it is established by that time.

I shall be very interested in looking over the proposed bylaws for the IEEE. I notice by the draft of the agenda for the Board of Directors meeting on October 12th, you have indicated that under 6.1 Merger With IRE, several topics will be introduced for action by the Board; among these is IEEE Bylaws 6.1.1. It seems to me that it would be appropriate to have Warren Chase present for discussion and action all of the items which were generated by the 14-Man Committee. If he feels that I should do it as Chairman of Intersociety Relations, I would be happy to comply but will need the necessary information for our Intersociety Relations Committee meeting on Tuesday, October 9 for review and recommendation.

Sincerely yours

Lynn C. Holdes Director At-Large

LCH: sf cc: W. H. Chase

Please Reply to: General Dynamics/Electronics 1400 North Goodman Street P.O. Box 226 Rochester 1, New York

September 12, 1962

Mr. Warren H. Chase Ohio Bell Telephone Company 750 Huron Road Cleveland, Ohio

Dear Warrens

I am enclosing a copy of a letter I have just sent to Nelson Hibshman concerning actions taken by the 14-Man Committee and the presentation of material at the AINE Board of Directors meeting on October 12th in Chicago.

In the draft of his agenda for the Board of Directors meeting, Nelson Hibshman has indicated that the IEEE Bylaws would be presented by the Chairman of the Intersociety Relations Committee. I can well imagine that there will be enough discussion on these bylaws to require several hours of Board consideration before approval. I think it would be wise for you to present the bylaws for adoption by AIEE. I think this is the appropriate action in spite of the fact that they may be reviewed previously by either or both the Constitution and Bylaws Committee of AIEE, and the Intersociety Relations Committee.

I would certainly like to hear from you as to your thoughts concerning the best way to present this material to the Board on October 12th.

Sincerely yours,

ORIGINAL SIGNED BY L. C. H.

Lynn C. Holmes Director-At-Large

LCH: sf

ce: Nelson S. Hibshman



AMERICAN INSTITUTE of ELECTRICAL ENGINEERS

345 East Forty-Seventh Street, New York 17, N. Y.

PLAZA 2-6800 (AREA CODE 212)

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Please Reply To: General Dynamics/Electronics 1400 North Goodman Street P.O. Box 226 Rochester 1, New York

September 14, 1962

Mr. Nelson S. Hibshman, Secretary American Institute of Electrical Engineers 345 East Forty-Seventh Street New York 17, New York

Dear Nelson:

I am enclosing a copy of the agenda for the Intersociety Relations Committee meeting in Chicago. Will you kindly arrange to have this agenda duplicated and sent to the members of the committee with copies to Dick Teare and Warren Chase?

Sincerely yours,

Holmes

LCH: sf

Enc:

AGENDA

INTERSOCIETY RELATIONS COMMITTEE MEETING

Date: Tuesday, October 9, 1962

Place: Pick Congress Hotel, Chicago

Time: 9:00 A.M.

1. Approval of minutes - June 19 meeting.

- 2. Incorporation of ECPD.
- 3. EUSEC. Delegation of Authority to ECPD to represent AIEE.
- 4. Relations with NSPE.
 - a) Pamphlet on Scientist and Engineer.
 - b) Official Observer.
- 5. Revisions to Policy Guide for Sections. Sim Wright.
- 6. Status of joint statement with ASME and NSPE.
- 7. UET Library agreement.
- 8. Merger with IRE.
 - a) IEEE Bylaws
 - b) Report from 14-Man Committee Meeting September 10, 1962.
 - c) Regional and Section Consolidations.
 - d) Billing and Collecting IEEE Dues.
 - e) Members-for-Life Status in IEEE.
- 9. Relations with IRE.
- 10. InterAgency Power Group (IAPG).
- 11. Other Business.

September 10, 1962

Dr. L. C. Holmes General Dynamics/Electronics 1400 No. Goodman Street, P.O. Box 226 Rechester 1, N. Y.

Dear Lynn:

BCPD

I believe that Miss Clarke sent you last week the three responses received from your Intersociety Relations Committee to a request for approval of a recommendation to the Executive Committee of AIBE relative to the incorporation of ECFD and the delegation of responsibility for representing the Founder Societies at the EUSEC Educational Conference.

If we are to get the desired action from our Executive Committee, we should be in a position to place the recommendations of your committee before them shortly.

ECFD meets in Philadelphia on October 1 and would like to have our approval, particularly with respect to incorporation at that time.

If I can get copies made in time, I will enclose with this letter a draft of the agenda for the October 12 meeting of the AIRE Board of Directors on which I would appreciate your comments. If it doesn't get into this letter, it will follow tomorrow.

Cordially yours,

N. S. Hibshman Executive Secretary

HAH .mec





MID-AMERICA DISTRICT
(No. 7)

August 14, 1962

Address Reply 1907 North Robinson
Oklahoma City 2, Oklahoma

Mr. L. C. Holmes, Chairman Intersociety Relations Committee, AIRE General Dynamics/Electronics 1400 North Goodman Street Rochester 1, New York

Dear Mr. Holmes:

I have carefully read the following:

- 1) Mr. Hibshman's letter to Mr. L. C. Holmes, Chairman, Intersociety Relations Committee, A.I.E.E., dated August 10, 1962, file subject: ECPD INC.
- 2) Mr. Ralph A. Morgen's letter of July 30, 1962 to Dean B. Richard Tears, Jr., President, A.I.E.E., requesting that A.I.E.E. formally approve the incorporation of ECPD as a non-profit corporation.
- 3) Proposed Certificate of Incorporation of The Engineers' Council for Professional Development, Inc.

It appears to me that the incorporation of ECFD proposed by Mr. Morgen is in the best interest of A.I.E.E., and as a member of the Intersociety Relations Committee, I approve this proposal.

Sincerely yours,

Sim C. Wright Director at Large, AIRE

SCW: CB

ec; Mr. N. S. Hibshman, Executive Secretary, A.I.E.E.



AMERICAN INSTITUTE of ELECTRICAL ENGINEERS

345 East Forty-Seventh Street, New York 17, N. Y.

PLAZA 2-6800 (AREA CODE 212)
August 14, 1962

Mr. Nelson S. Hibshman American Institute of Electrical Engineers 345 East 47th Street New York 17, New York

Dear Nelson:

I have reviewed the material in your two letters of August 10, 1962 and the suggested Certificate of Incorporation of the Engineers Council for Professional Development.

I certainly have no objection whatsoever to the accelerated approach which you suggest in connection with action on the two items concerning ECPD. In order to get an expression of opinion from the IRC members it might be well to have the ballot for each action on a separate sheet. Both these ballots could be enclosed in the same envelope with a cover letter from me.

I am enclosing a cover letter to the IRC members which I think may be appropriate. I assume that you can easily have this duplicated and mailed with the ballots.

Sincerely yours,

Lynn/C. Holmes Dipector at Large

LCH: mg Enclosure

cc: Dr. B.R. Teare, Jr.



AMERICAN INSTITUTE of ELECTRICAL ENGINEERS

345 East Forty-Seventh Street, New York 17, N. Y.

PLAZA 2-6800 (AREA CODE 212)

To the Members of the Intersociety Relations Committee

Gentlemen:

Under date of August 10, 1962 you received a letter from Nelson Hibshman and a copy of a letter from President Morgen of ECPD and a copy of a proposed Certificate of Incorporation for ECPD.

After reviewing this material, will you express your opinion of approval or disapproval on the enclosed ballot and return it to Nelson Hibshman at AIEE Headquarters? It seems to me that approval of this proposed action by ECPD is in order and will not in any way affect the relationship of AIEE or IEEE to ECPD.

A second subject is the continuation of our delegation of authority to ECPD to represent ATEE in connection with EUSEC Educational Studies and Programs. It is desired to get an expression of opinion from the IR Committee prior to the October 1-2 meeting of the ECPD Council. It is not anticipated that this continuation will result in an increased assessment to ATEE.

Will you kindly indicate on the second ballot which is enclosed an expression of your opinion concerning the EUSEC Program?

Please return both ballots to AIEE Headquarters no later than September 10.

Present plans are to hold a meeting of the Intersociety Relations Committee at the Fall General Meeting in Chicago. This is scheduled for Tuesday, October 9.

Sincerely yours,

Lynn C./ Holmes

Chairman,

Intersociety Relations Committee

cc: Dr. B.R. Teare, Jr. Mr. N.S. Hibshman



AMERICAN INSTITUTE of ELECTRICAL ENGINEERS

345 EAST FORTY SEVENTH STREET, NEW YORK 17, N. Y.

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Sincerely yours,

Lyan C. Holmes Chairman, Intersociety Relations Committee

cc: Dr. B.R. Teare, Jr.
Mr. N. S. Hibshman

ECPD INCORPORATION

Intersociety Relations Committee Ballot

I have considered the question of the incorporation of the Engineers Council for Professional Development as described in Communications dated August 10 and 14 and I

VOTE

Comments			
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ECPD and EUSEC

Intersociety Relations Committee Ballot

On the proposal to continue ECPD as the agency representing the Founder Societies at EUSEC Education Conferences and the studies and other activities attendant thereon I

VOTE

Comments		
ACT NOTES		

COPY

THE CONFERENCE OF ENGINEERING SOCIETIES OF WESTERN EUROPE AND THE UNITED STATES OF AMERICA

Fourth Meeting on Engineering Education and Training, London, 25th-30th June, 1962

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- 1. The Committee on Engineering Education and Training recommend that EUSEC should endorse the plan of the Engineers' Council for Professional Development and the American Society for Engineering Education to institute an International Congress on Engineering Education on the occasion of the Annual Meeting of ASEE in Orono, Maine, U.S.A., in June 1964; and that the EUSEC Committee on Engineering Education and Training should collaborate in the formulation of the programme. The Congress would be officially organized by the American Society for Engineering Education, with the co-operation of EUSEC and ECPD.
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 - 3. The Committee on Engineering Education and Training recommend to the Advisory Committee that the 'block' and 'flow' diagrams in the Report should be revised and updated periodically, by competent authorities, and that in the first instance this should take place triennially, beginning in 1962.
 - 4. The Committee on Engineering Education and Training wish to confirm their previously expressed opinion that it should be the policy of EUSEC to avoid making direct assessments of the equivalence of educational qualifications as between the various countries and should limit their activities to the provision of factual information on which such comparisons could be based, and they therefore recommend the Advisory Committee to confirm this policy.
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Sir Willis Jackson (Great Britain) - Chairman
Mr. J. Ligthart (Netherlands)
Professor L. Blanjean (Belgium)
Mr. Ove Guldberg (Denmark)
Dr. G. Brenken (Germany)
Dr. Dino Zanobetti (Italy)
Monsieur B, Schwartz (France)
Professor Glenn Murphy (U.S.A.)

After some discussion about the appointment of a Secretary to the Committee (who might or might not be a member of the Committee) it was agreed to recommend Mr. Lightart as Secretary/Treasurer of the Committee and Mr. Norman Stamford as Executive Secretary to assist the Chairman in the performance of his duties.

- 7. The Committee on Engineering Education and Training have taken note during the past years of specific directives concerning its activities contained in Resolution 60/7 of the Brussels Plenary Session of EUSEC. The Committee has been fully occupied within the limits of time and funds available with three of the directives of the Resolutions, namely:
 - 1. The editing and publication of the Report
 - 2. Implementation of Item 7 of the Resolution which dealt with the organization of the Fourth Meeting on Engineering Education and Training.
 - 3. Recommendations for the reconstitution and enlargement of the Committee.

The present Committee recommends to the EUSEC Advisory Committee that the successor Committee on Education and Training should proceed promptly to consider items 2 to 6 inclusive of Resolution 60/7 as follows:

- 2. To consider the organization by EUSEC of international discussions by experts on the educational treatment of new engineering techniques and on changing philosophies of engineering education with particular reference to the growing impact of science on engineering education.
- 3. To study the organization and financing of engineering education in EUSEC countries.
- 4. To assist comparative studies of the methods and standards in force in the countries of EUSEC and elsewhere as may prove practicable.
- 5. To consider ways and means of establishing relations with other bodies working in the field of engineering education and training.
- 6. To secure such funds as may be necessary for the pursuit of these objectives.
- 8. The Committee resolved that permission should be given to the American Society for Engineering Education to reproduce any of the papers presented at the Fourth EUSEC Meeting on Education and Training in their Journal, provided that appropriate credit is given and proofs submitted to the authors for approval. Similar permission would also be given to any EUSEC society who wished to make similar reproductions.

August 10, 1962

Mr. L. C. Holmes General Dynamics/Electronics 1400 N. Goodman Street Rochester 1, N. Y.

Dear Lynn:

I hope you won't object to this accelerated approach to your committee in order to get approval for the incorporation of ECFD. I thought it ould be a matter of convenience to send the papers directly to your committee and save time at this difficult season of the year.

There is really another matter which, perhaps, does not require quite the same formal treatment but which, I think, ECFD would like to have approval on before their meeting in Fhiladelphia, October 1 and 2.

This second matter has to do with the continuation of our delegation to ECFD of suthority to represent AIEE along with the other Founder Societies in connection with EUSEC educational studies and programs. ECFD, representing the Founder Societies, has been carrying on an extensive examination of European engineering education and the corresponding United States' activities. They have published a number of studies to date and would like to continue the program. So far, their work has been financed by Ford Foundation and OEEC. As far as I know, there is no immediate request for financial support from the societies, although I understand there are those who have in mind the expectation that this might be involved. Perhaps, we should include this question with the other matters to be considered by the Intersociety Belations Committee for recommendation to the Board of Directors.

I have just checked with Miss Murray and she says that this is more or less a formality and, so far as she knows, involves no commitment, actual or implied, that any additional assessment is involved.

I did not add it into the other matter because I didn't want to complicate it and, since it is a matter of corporate business, I thought we ought to have a fairly clear-cut action on that. If you wish to correspond with the members of your committee in the process of getting a vote on the other matter, perhaps you could bring up this question of the extension of authority to represent us in EUSEC.on educational matters only.

Cordially yours,

N. S. Hibshman Executive Secretary

NEH-Inec

few to 180 August 10, 1962 Mr. L. C. Holmes, Chairman Intersociety Relations Committee, AIRE General Dynamics/Electronics 1400 N. Goodman Street Rochester 1, N. Y. BCPD INC. Dear Mr. Holmes: President Teare requests the Intersociety Melations Committee to consider and recommend to the Board of AIEE action in response to the request of ECPD for approval of its proposed incorporation. Enclosed letter from President Morgen of MCFD and Certificate of Incorporation represent total information submitted. The ECPD Council meets in Philadelphia, October 1 and 2, 1962. The AIR Board meets in Chicago, October 12, 1962. ECFD, as you see from President Morgen's letter of July 30, 1962, wants to take action at its meeting. Hence, to accommodate ECPD, it is suggested that we take the following steps: 1) Bring the proposal to the attention of our IR Committee which, by copies of this letter, is being done herewith. 2) That INC decide by correspondence whether or not to recommend. 3) If IRC recommends favorably without serious dissent; have a letter ballot of the ATER Executive Committee subject to Board confirmation October 12. (Unconfirmed letter ballots are subject to legal challenge, which could be serious in corporate matters.) 4) Suggested timetable: TRC report to Executive Secretary by September 10; Executive Committee vote to close by September 24. It is to be noted that the incorporation of ECPD is being handled by the same legal counsel as employed by ADE. He advises AZEE that it is clear and simple and suitable for ADES approval. Cordially yours, H. S. Hibshnan Executive Secretary NSH .mec Co - Mr. B. R. Teare. Jr. Miss Elsie Murrey

July 30, 1962

Dean B. Richard Teare, Jr., President American Institute of Electrical Engineers Carnegie Institute of Technology Pittsburgh, Pennsylvania

Dear Dean Teare:

During the year 1961-62, ECPD received a rather unpleasant threatening letter from an attorney in regard to an accreditation matter. The particular case in question has apparently reached a satisfactory solution without any further unpleasantness.

However, as a result of this action, the members of Council of ECPD (three of whom represent your society) and several of the societies themselves have become concerned over the possibility of personal liability to the members of Council and to the associations who are participating bodies.

Mr. Simon Presant, our counsel, has suggested that ECPD become incorporated as a non-profit New York corporation. The corporation should not be a new body but a continuing corporation of the present Engineers' Council for Professional Development, an unincorporated association. If done in this way, the tax status of the Engineers' Council for Professional Development will be inherited by the new corporation.

While the incorporation will not relieve the members of Council from personal liability in cases of tort, i.e., libel, it will limit the liability of the members of Council to other actions and will limit the liability of the participating bodies to the amount of their participation in ECPD.

In order to make application for formation of the corporation, two actions are required:

- 1. At the Annual Meeting of ECPD in October, 1962 at Philadelphia, Council must vote favorably and authorize the Committee to act for it in the incorporation procedures.
- 2. In accordance with Article VI of the ECPD Charter, Changes in the Charter, "Changes in the Charter shall be made only after approval by the governing boards of two-thirds of the participating bodies," it is requested that your society formally give ECPD authority to incorporate as the Engineers! Council for Professional Development, Incorporated, a non-profit corporation.

A copy of the proposed certificate of incorporation is attached for your information.

Your early attention to this matter will be appreciated.

Kindest personal regards.

Sincerely,

Ralph A. Morgen President

CERTIFICATE OF INCORPORATION of

THE ENGINEERS COUNCIL FOR PROFESSIONAL DEVELOPMENT, INC.

Pursuant to the Membership Corporations Law

THE SECTION OF A SECTION ASSESSMENT ASSESSMENT OF A CONTRACT OF A CONTRA

We, the undersigned, a Committee of The Engineers' Council for Professional Development, an unincorporated association, having its offices at 345 East 47th Street, New York 17, New York, and which association is not organized for pecuniary profit, having been duly authorized to incorporate the association, and
all being of full age and all being residents of the State of New York, desiring to form a corporation pursuant
to Section 10 of the Membership Corporations Law of the State of New York, do hereby make, subscribe and
acknowledge this Certificate as follows:

- 1. The name of the proposed corporation is:

 THE ENGINEERS' COUNCIL FOR PROFESSIONAL DEVELOPMENT, INC.
- 2. The purposes for which said corporation is to be formed are as follows:

- (a) To act as a federation of engineering bodies organized to assist in and to advance education x for engineering, and to further the intellectual development of individuals who are or may become engineers.
- (b) To advance and promote scientific and engineering education with a view to the promotion of the public welfare through the development of the better educated engineer.
- (c) To carry out a program of guidance to high school students, the formulation of criteria for colleges of engineering, the assistance of such colleges in planning and carrying out their educational program, to cooperate with the State licensing agencies to maintain high educational standards, and the promotion of the intellectual development of the young engineer.
 - (d) To do all things necessary and proper in connection with or incidental to the foregoing purposes.
- 3. Notwithstanding any of the provisions of the foregoing paragraph, which may be construed to the contrary, The Engineers' Council for Professional Development, Inc., shall not engage in any activity which is not educational, scientific or charitable within the meaning of Section 501 (c) (3) of the 1954 United States Internal Revenue Code.
- 4. On any dissolution of the Corporation, its assets shall be distributed to an organization or organizations organized and operated for similar educational, scientific or charitable purposes, and subject to the order of a Justice of the Supreme Court.
- 5. The Corporation is not organized for pecuniary profit, it shall have no stock or stockholders, and none of its net earnings shall be distributed to or enure to the benefit of any private shareholder or individual.
- 6. No substantial part of the activities of the Corporation shall be the carrying on of propaganda, or otherwise attempting to influence legislation, and the Corporation shall not participate in, or intervene in (including the publishing or distributing of statements) any political campaign on behalf of any candidate for public office.
- 7. The territory in which the operations of the Corporation are presently to be conducted is the State of New York, but the Corporation may do any or more of the acts herein set forth as its purposes within and without the United States of America and in any part of the world.
- 8. The principal office of the Corporation is to be located in the City of New York, Borough of Manhattan, County of New York and State of New York.
- 9. The members of the Corporation shall all be professional engineers and/or professional engineering bodies, incorporated or unincorporated.
- 10. The Directors shall number not less than three (3) nor more than sixty (60). The exact number shall be fixed from time to time.
- ll. The names and residences of the Directors until the first annual meeting of the Corporation are as follows:

NAME NAME	POST OFFICE ADDRESS
	混乱物度的机态温度运动和压力。

12. All the subscribers to this Certificate are of full age; at least two-thirds of them are citizens of the United States; at least one of them is a resident of the State of New York; and, of the persons hereinabove named as Directors, at least one is a citizen of the United States and a resident of the State of New York, and all are professional engineers.

1962.	and acknowledged this Certificate this day of
STATE OF NEW YORK) COUNTY OF NEW YORK)	
On this day of	1962, before me personally came
	to me known and known to be
that they executed the same.	Notary Public
r,	, a Justice of the Supreme Court of the
State of New York, First Judicial Department, do	hereby approve the foregoing Certificate of Incorporation
of the engineers' council for professional devei	COPMENT, INC., and consent that the same be filled.
Dated: New York, N. Y.	
1962	
	Justice of the Supreme Courts of the State of New York



MINUTES OF INTERSOCIETY RELATIONS COMMITTEE Meeting, June 19, 1962 Denver-Hilton Hotel, Denver, Colorado

Committee Members Present:

B. R. Teare - Chairman

A. A. Johnson L. C. Holmes

In view of the fact that there was not a quorum of committee members present, it was decided to conduct informal discussion on some of the points of interest to the IRC.

The problem which seems to be of concern to several sections of AIEE is the policy to be followed in connection with local engineering alliances and councils. A letter from Ellsworth Fletcher concerning the recent action of the Portland Section in withdrawing from the Oregon Technical Council was read and discussed. Also under discussion was a letter from L. H. Matthias of the Milwaukee Section concerning the Engineers Society of Milwaukee with which the Milwaukee Section is affiliated.

It was decided to submit the policy guide for AIEE sections contemplating joint action with other societies to the Board of Directors for approval at the June 22 meeting. It was felt by the IRC members present that the policy guide was conservative and that an effort should be made to liberalize it without jeopardizing the C-3 tax status of AIEE.

A. A. Johnson feels that AIEE can and should keep our members better informed on the economic status of engineers and should be able to point out to the members the possible effect of changes in laws concerning engineering practice.

It was agreed that L. C. Holmes should prepare two letters to be transmitted by Dr. B. R. Teare. One of these should be addressed to L. H. Matthias and the other one to Ellsworth Fletcher in answer to his criticism.

The minutes of the January 30 meeting of the IRC were approved as mailed.

B. R. Teare announced that L. C. Holmes would be Chairman of the Intersociety Relations Committee for 1962-63 and that three new members for the committee would be named in the near future.

Lynn C. Holmes, Acting Secretary

LCH: LL

RC



AMERICAN INSTITUTE of ELECTRICAL ENGINEERS

345 EAST FORTY-SEVENTH STREET, NEW YORK 17, N. Y.

PLAZA 2-6800 (AREA CODE 212)

July 13, 1962

Miss M. E. Clarke Headquarters, AIEE 345 East Forty-Seventh Street New York 17, New York

Dear Miss Clarke:

Enclosed are the minutes of the Intersociety Relations Committee meeting in Denver. Will you please arrange to have these duplicated and distributed to the committee members as you have done in the past?

Sincepely yours,

Director-At-Large

Lynn C. Holmes: LL

Enclosure

MINUTES OF INTERSOCIETY RELATIONS COMMITTEE Meeting, June 19, 1962 Denver-Hilton Hotel, Denver, Colorado

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A. A. Johnson

L. C. Holmes

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Lynn/C. Holmes, Acting Secretary

LCH: III.

RC



AMERICAN INSTITUTE of ELECTRICAL ENGINEERS

345 EAST FORTY SEVENTH STREET, NEW YORK 17, N. Y.

Reply to: Engineering & Sciences Carnegie Institute of Technology Pittsburgh 13, Pennsylvania

Mr. Ellsworth R. Fletcher 4211 S. W. Condor Avenue Portland 1, Oregon

Dear Mr. Fletcher:

Your letter of May 25 which was sent to Headquarters together with your payment of dues was brought to the attention of the Intersociety Relations Committee at its meeting in Denver on June 19. The question which you have raised is of considerable consern to many members of AIEE.

At the meeting of the Intersociety Relations Committee in Denver, it was recommended that a policy guide, a copy of which is enclosed, for AIEE sections comtemplating joint action with other societies should be presented to the Board for approval. After considerable discussion at the Board meeting, the resolution was passed with the understanding that the IRC would review the policy guide bearing in mind that as it stands the guide is conservative and should be liberalized if possible.

Most of the members of the AIEE Board feel that it is wise to do nothing which will upset the favorable C-3 tax status of AIEE. On the other hand, they feel that the wishes of the majority of the members should be followed and they are willing to consider major changes in policy if this seems to be the wish of the members.

Amy further information which you may have concerning the Oregon Technical Council or request for action by the Intersociety Relations Committee should be addressed to Lynn C. Holmes, who is the incoming Chairman, with a copy to Nelson S. Hibshman.

Sincerely yours,

Chairman,

Intersociety Relations Committee

B. R. Teare: LL Encl.

cc: N. S. Hibshman

L. C. Holmes

H. Carlberg

Red June 8, 1962 Mr. Ellsworth R. Fletcher 4211 S. W. Condor Avenue Portland 1, Ore. Dear Mr. Fletcher: This will acknowledge your note of May 25, 1962, and report that it has been forwarded to our Intersociety Relations Committee for incorporation in their consideration in preparation for such recommendations as they may see fit to make to the Board of Directors. You realize, of course, that AIEE is limited by its charter and its tax exempt position to pursue rather definite objectives of an educational and scientific nature. Where to draw the line in matters with political implications is a problem. Our legal, counsel strongly urges avoidance of involvement in situations subject to adverse interpretation. Cordially yours, N. S. Hibshman Executive Secretary NSH .mec Cc: Dr. L. C. Holmes



AMERICAN INSTITUTE of ELECTRICAL ENGINEERS

IRC

345 EAST FORTY SEVENTH STREET, NEW YORK 17, N. Y.

Reply to: Engineering & Sciences Carnegie Institute of Technology Pittsburgh 13, Pennsylvania

Mr. L. H. Matthias, Vice President, Research Allen-Bradley Company Milwaukee, Wisconsin

Dear Mr. Matthias:

The Intersociety Relations Committee has been following with interest your letters with regard to the involvement of the Engineers Society of Milwaukee with the Internal Revenue Service. We are glad to learn that some progress has been made in clarifying this situation.

At the meeting of the Intersociety Relations Committee in Denver, it was recommended that a policy guide, a copy of which is enclosed, for AIEE sections contemplating joint action with other societies should be presented to the Board for approval. After considerable discussion at the Board meeting, the resolution was passed with the understanding that the IRC would review the policy guide bearing in mind that as it stands the guide is conservative and should be liberalized if possible.

Most of the members of the AIEE Board feel that it is wise to do nothing which will upset the favorable C-3 tax status of AIEE. On the other hand, they feel that the wishes of the majority of the members should be followed and they are willing to consider major changes in policy if this seems to be the wish of the members.

Any further information which you may have concerning the Engineers Society of Milwaukee or request for action by the Intersociety Relations Committee should be addressed to Lynn C. Holmes, who is the incoming Chairman, with a copy to Nelson S. Hibshman.

Sincerely yours,

Chairman, Intersociety Relations Committee

B. R. Teare: LL

Enc.L.

cc: N. S. Hibshman

L. C. Holmes

MI WAUKEE WIS. - U.S.A.



QUALITY MOTOR CONTROLS AND ELECTRONIC COMPONENTS

REF: 24

June 1, 1962

Mr. N. S. Hibshman Executive Secretary American Institute of Electrical Engineers 345 East Forty-Seventh Street New York 17, New York

Dear Mr. Hibshman:

The situation which I wrote you about concerning the involvement of the Engineers' Society of Milwaukee with the Internal Revenue Service is still not completely clarified, although as I understand it, some progress has been made.

Your recent letter on this subject questioned the tax classification of ESM. It is an incorporated organization classified as a scientific and educational organization under section 501c3. ESM operates a club house where meetings of the various affiliated engineering societies are held. Most all of the nationally recognized engineering societies are affiliated with ESM and as a result the ESM facility is constantly in use for technical meetings. ESM is, of course, purely a local organization, but its welfare, we think, should be of some interest to the national societies who's local sections are affiliated with it. Since really the only reason for ESM's existence is to be of service to these sections, obviously a change in the tax status would require that ESM increase the charges made to affiliates and this would certainly affect to some degree the relationship between the affiliates and ESM.

It occurs to us too that if ESM should be so unfortunate as to be ruled against and have its tax status changed, that with this precedent similar organizations would soon be subject to the same ruling and likely this might affect eventually the

Mr. N. S. Hibshman

-2-

June 1, 1962

status of national engineering organizations. It would, therefore, seem appropriate that AIEE and the other national societies at least be aware of this Internal Revenue Service action and consequently my appeal to you for information or advice concerning our best course of action. We would appreciate any information you can come up with.

Cordially yours,

ALLEN-BRADLEY COMPANY

L. H. Matthias Vice President Research

LHM/mp

May 11, 1962

Mr. L. H. Matthias Vice-President, Research Allen-Bradley Company Milwaukee, Wisconsin

Dear Mr. Matthias:

I have your letter of May 8 describing the unfortunate situation into which the Engineers' Society of Milwaukee has gotten with the Internal Revenue Service. This is the kind of thing that is beginning to turn up around the country as a result of the intensive efforts of the IRS to fine-comb the field for reasons to reduce the number of tax exempt organizations. It is the reason that our legal Counsel has strongly adviced great care on the part of our Sections in their association with such organizations.

I will consult our Counsel and see what advice I can come up with for you. It does seem to me, however, that the Engineers's Society of Milwaukee should be able to straighten these out to the satisfaction of IRS.

What is the tax classification of ESM? Is it a scientific and educational organization incorporated and classified under section 50103? If it is not so classified, I believe our advice to the Milwaukse Section of AIEE would be to get out and keep clear.

AIRE has had no difficulty with IRS to-date. Certain other organizations of our general type and classification are undergoing audits and investigations. They are very reluctant to talk about their experience or the practices that have rendered them suspect. If AIRE were to claim that it had been carrying on any of the objectionable practices cited here without attracting the attention of IRS, such attention might very well soon be expected. You might have noticed that on your dues bill it is specified that \$6.00 of your dues to AIRE is earmarked as a subscription to the magazine ELECTRICAL ENGINEERING. As for the second item, I am sure you are well aware that many tax exampt organizations follow this practice. However, if this is not in harmony with the IRS Code, not very many will care to come forward and testify on the subject. With regard to the final point, if ESM failed to report properly, I am not sure that I see what can be done about it.

5/11/62 Mr. L. H. Matthias I don't exactly understand why these relatively minor infractions would, of themselves, lead to a withdrawal of the tax exempt classification. I would rather think that the action would be the requirement that tax be paid on any net income resulting from such activity under the head of "unrelated activities". I am no expert on these matters. I would prefer not to be quoted until I know more about the situation and have had a chance to talk with our Legal Counsel. I am not familiar with ESM. Do they operate a club house? Cordially yours, N. S. Hibshman Executive Secretary MENI : cond



QUALITY MOTOR CONTROLS AND ELECTRONIC COMPONENT

REF: 24 May 8, 1962

Mr. N. S. Hibshman Executive Secretary, AIEE 345 East 47th Street New York 17, New York

Dear Mr. Hibshman:

The local Engineers' Society of Milwaukee with which the local section of AIEE is affiliated has been threatened by the Internal Revenue Service with the revocation of our exempt status for Federal Income Tax. Since this threat, if carried out, would have very serious implications for all technical societies and, thus, seems to be of more than local interest, it would seem that AIEE should be interested in this situation and perhaps could offer some advice.

The situation is about as follows. The Society's books for the fiscal year ending June 30, 1960 were audited in the latter part of March, with the auditor contending that the Society violated IRS regulations in three ways. The first was that "Milwaukee Engineering" (a publication put out by the Engineers' Society of Milwaukee) was sent to members of the Engineers' Society of Milwaukee without additional charge for this being set up in the books. The auditor contended that this is something of value which a member receives for his dues. The second violation, according to the auditor, was that the Society has charged a difference in fees for members and non-members on conferences, seminars, classes, and other activities of the organization. The third item is that back in 1946, when Milwaukee Engineering started to accept advertising, this change was not reported to the IRS.

We would appreciate any information you can give us such as court decisions, or opinions which would help us prepare a case. I would also appreciate any suggestions you might have concerning others in the AIEE or other technical societies which might be able to help us with our problem.

Sincerely yours,

L. H. Matthias

Vice President, Research

LHM/io

Re



AMERICAN INSTITUTE of ELECTRICAL ENGINEERS

345 EAST FORTY-SEVENTH STREET, NEW YORK 17, N. Y.

PLAZA 2-6800 (AREA CODE 212)
Reply to:
General Dynamics/Electronics
1400 N. Goodman Street
Rochester 1, New York

May 15, 1962

Mr. Nelson S. Hibshman, Executive Secretary American Institute of Electrical Engineers 345 East Forty-Seventh Street New York 17, New York

Dear Nelson:

Thank you for your letter of May 8 relative to the 501C3 classification of the Internal Revenue Service. This will be brought to the attention of the Intersociety Relations Committee at the Denver meeting.

I have also just received copies of L. H. Matthias' letter of May 8 to you and your reply of May 11 to him. I am quite concerned about the contents of these two letters from the viewpoint of the implications for other similar societies. If the difference in fees for members and non-members on conferences and meetings is of concern to the IRS, AIEE should investigate any practices which may conflict.

It seems to me that the other two points are relatively minor since they are only in the nature of being remiss in reporting rather than doing something which is forbidden.

Thank you again for keeping me informed on these things.

Sincerely yours.

Director At-Large

Lynn C. Holmes: LL

May 8, 1962

Mr. Lynn C. Holmes General Dynamics/Electronics 1400 N. Goodman Street Rochester 1, New York

Dear Lynn:

A long, long time ago you asked me to comment on the advantages to AIRE and its members of maintaining a 50103 Internal Revenue Service classification.

As you say, the most obvious and perhaps the most important consideration currently is the deductibility to the donor of gifts to such an organization. This advantage undoubtedly helped greatly in raising the funds for the erection of our United Engineering Center.

Another obvious advantage to the organization is the general examption from state and local real estate taxes on the property that it occupies and uses for its exampt purposes. These examptions from local taxes are, of course, not mandatory, but are generally granted by the local governments on the strength of the Internal Revenue Service classification. These examptions may extend even to city sales tax.

Certain business organizations have a policy of granting generous discounts to non-profit educational and scientific organizations. We have just recently learned that the International Business Machines Corporation makes a practice of giving a 60% discount on the rental of data processing and computing machinery to colleges and universities. We are now entering a claim for similar recognition.

In addition to these tangible savings, resulting from tax exemption, it seems to me there is an intengible advantage to maintaining this classification and thereby identifying the organization with colleges and universities and religious and charitable organizations as operating in the public interest. It seems to me that it provides evidence of kinship with the educational organization with which we work through our Branches and our faculty members. I have always made a point of claiming that AIEE is a part of the educational system of the country and in the same category with the colleges and universities. The fact that the tax collector recognizes this, it seems to me, is important supporting evidence.

Dues paid to professional organizations and labor unions and other similar bodies to which a worker belongs for the purpose of enhancing his skills and employment status, if not reimbursed by or paid by his employer, are deductible. NSFE is a 50106 organization, but the dues paid to it by its members are deductible. Labor unions are surely not 50103, but union dues are deductible as "business" expense.

I would like to offer a comment on the appendix to the IRC minutes for the meeting of Jenuary 30, 1962. While it is implied, I think that it might be worthy of specific mention as an activity suitable for cooperative sponsorship by our Sections. I have in mind the conduct of "adult education" programs for the purpose of upgrading engineers. As you know, many of our Sections carry on these courses, and in some instances they are carried on cooperatively with Sections of other societies. If this activity could be expanded and stimulated and put on a business basis of efficiency and quality of instruction, it might well be one of the major contributions that the Engineering Societies could make to the public welfare at the present time. In fact, I am told that representations to this effect made by the Engineering Foundation to the Ford Foundation are viewed with considerable favor. There seems now to be a prospect of getting a very substantial grant from the Ford Foundation for the purpose of building up this activity on the part of the Engineering Societies. This is a positive contribution to the engineering resources over the country. It has been said that we need not so much more engineers as better ones. High grade courses in advanced subjects designed to raise the level of engineering skill and brought into the local community and mude available to engineering personnel should be one of the major activities of many of our Sections. Wherever the subject matter of such courses is of value to several disciplines, they should be sponsored and conducted cooperatively.

Such activity is purely educational and in line with the objectives of the Institute. I think it is worthy of explicit mention in your list of things that a Section "may" do and perhaps should be underlined as something they "should" do.

Cordially yours.

NSHI: emd.

April 42 Charles II. Landerthin II.

N. S. Hibshman Executive Secretary



AMERICAN INSTITUTE of ELECTRICAL ENGINEERS

345 EAST FORTY-SEVENTH STREET, NEW YORK 17, N. Y.

PLAZA 2-6800 (AREA CODE 212)
Reply to:
General Dynamics/Electronics
1400 N. Goodman Street
Rochester 1, New York

February 6, 1962

Mr. N. S. Hibshman, Secretary American Institute of Electrical Engineers 345 East 47th Street New York 17, New York

Dear Nelson:

At the Intersociety Relations Committee meeting last week, Dick Teare suggested that it would be helpful to have some kind of a statement concerning the advantages to a society such as AIEE in maintaining C-3 tax status.

At our meeting, we assumed that the major advantage is that individuals contributing to funds such as for the United Engineering Center can claim their contributions as deductible for income tax purposes. There was some discussion as to whether an individual could deduct membership dues for income tax purposes if the society were other than in the C-3 status. Are there other advantages to be gained either for the society as a whole or for individual members?

Most of the interpretations which engineers in general read are in legal terms that are so lengthy and so obscure that the average engineer doesn't want to take time to study. It seems to us that a few simple statements as to the advantages of the C-3 status would be helpful.

Sincerely yours,

Director-At-Large

Lynn C. Holmes: LL

MINUTES OF INTERSOCIETY RELATIONS COMMITTEE Meeting, January 30, 1962 Statler-Hilton Hotel, New York City

People Present:

B. R. Teare - Chairman

A. A. Johnson T. M. Linville L. C. Holmes

Most of the discussion at the committee meeting centered around the subject of the policy for AIEE sections contemplating joint action with other societies. Numerous requests have been received to clarify the position which sections should take in relation to joint activities. Three examples are from the Baltimore section, the St. Louis section and the Minnesota section. Each of these examples represents a different aspect of joint activity.

B. R. Teare requested L. C. Holmes to prepare a statement which might be used as a basis for a policy guide to AIEE sections. (This statement was prepared and circulated to the members of the committee present. With one minor addition, it was given tentative approval and appears with the addition as an appendix to this meeting report.)

The items on attachment 3, BofD 2/2/62, Agenda 6.0, were then briefly discussed. The following numbers correspond to the items on the referenced agenda.

6.1 EJC Constitution Amendments: No recommendations were ready.

6.2 EJC Proposals:

6.2.1 Nominations to President's Committee on the National Medal of Science-It was voted to approve the nominations offered by EJC for the President's Committee on the National Medal of Science as follows:

> August B. Kinzel T. Keith Glennan Mervin Kelly C. Guy Suits

1. Linville; 2. Johnson

6.2.2 Nominations for National Science Foundation Board - It was voted to approve the following nominations offered by EJC for appointment on the NSF Board:

L. R. Hafstad R. G. Folsom F. E. Terman Julius A. Stratton

1. Linville; 2. Johnson

6.3 ECPD Education and Accreditation Committee Appointment: It was voted that the appointment of an AIEE official representative on the ECPD E&A Committee should be the responsibility of the President of AIEE.

1. Linville; 2. Holmes

- 6.4 "Unified Statement of Principles...." ASME, AIEE, NSPE: No action required.
- 6.5 Registration as a Member Grade Requirement: It was decided that this should be left on the table as voted at the ATEE Board of Directors meeting in October.
- 6.6 NSPE Observer: No action was required.

The last subject to be discussed was that of recommending a representative for the EUSEC Conference in England, June 25-30, 1962. It was the general feeling that it would be a good idea to have a representative but the Intersociety Relations Committee was not in a position to push strongly for requesting travel funds for a representative. It was felt that there would probably be some well-known educator in attendance at the EUSEC meeting who could be designated as a representative of AIEE. (It should be noted that B. R. Teare, Chairman of the Intersociety Relations Committee and incoming President of AIEE was designated by Board action to be the official representative of AIEE at EUSEC with travel allowance.)

Lynn C. Holmes, Acting Secretary

LCH: LL

Attachment

APPENDIX - IRC Minutes
Meeting - January 30, 1962
New York City

POLICY GUIDE FOR AIEE SECTIONS CONTEMPLATING JOINT ACTION WITH OTHER SOCIETIES

Preamble:

The object of AIEE as defined in its constitution is as follows:

C-10.020 Object of this association is the advancement of the theory and practice of Electrical Engineering and its applied Arts and Sciences and the maintenance of high technical and ethical standards among its members.

The following resolution was adopted by the Board of Directors on February 18, 1920:

R-5 Whereas, many requests are received by the officers of the Institute and its Sections and Branches for support of candidates for political office and for various movements in activities outside the field of engineering;

Resolved that the attention of the membership be called to the undesirability of the institute's expressing views purporting to represent the collective will of the national or any local organizations in matters outside the scope of engineering and upon which the membership may hold conflicting opinions.

Policy:

- 1. Each section or other organizational unit of AIEE shall use C-10.020 of the constitution of AIEE as the basis for determining the types of activities to undertake and the associations with which such organizational unit may become affiliated.
- 2. Organizational units of AIEE may carry on activities in cooperation with other societies, informally or in federations and councils provided that such activities come under the general categories of:
 - a) Coordination of meeting dates
 - b) Arrangements for joing meetings
 - c) Support of ECPD programs
 - d) Student advisement
 - e) Fostering of educational and technical or scientific projects in the public interest.
- 3. The following are examples of activities which should not be undertaken or supported either alone or jointly with any other societies:
 - a) Lobbying for legislation at any level; national, state or local.

- b) Supporting a specific candidate for election or appointment to political office. When requested, it is permissible to submit names of engineers for consideration for an appointment to office where the qualifications for that office are largely technical. It is preferable that more than one name be submitted in reply to each specific request.
- c) Supporting any movement to rewrite or modify existing building codes or undertaking the writing of such codes or revisions to them. Here again, it is permissible for a section to suggest names of its members who can contribute to such work but it is especially inadvisable to express approval or disapproval of codes as a voice of AIEE. On the other hand, it is within the province of a local section to point out where approved AIEE standards are applicable to building codes and to urge the use of these standards in such cases.
- d) Supporting any movement which has as one of its written or stated objectives the upgrading of the economic status of individual engineers.
- 4. Joint activities may be undertaken with other societies as described under (2) even though one or more of the societies separately have activities as listed under (3), provided there is no implied or expressed understanding that the joint activities encompass those of the individual societies.

MINUTES OF P&C SUBCOMMITTEE ON INDOCTRINATION OF OFFICERS & INSTITUTE MANUALS January 30, 1962 Statler-Hilton Hotel, New York City

People Present:

G. J. Crowdes

J. W. Davis

F. H. Knapp

L. C. Holmes - Chairman

1. District and Section Development Committees:

Mr. Crowdes gave a report on the study he had made concerning district and section development committees. He received excellent response to his letter which was addressed to the district Vice Presidents. A summary of his findings is attached as an appendix to this report. It is apparent that GAD is proceeding in an entirely satisfactory manner and that no further action on this subject should be required by the P&C Committee.

2. Indoctrination of Officers:

Mr. Davis agreed to undertake the task of collecting information concerning the duties of Directors-At-Large to be used as a basis for guiding the newly elected Directors as well as pointing out the qualifications which should be looked for in selecting candidates for this office. If possible, the guide should also include similar statements with reference to the Department Directors.

3. P. D. & R. Orientation and Manuals:

Mr. Knapp reported that of 12 manuals for P.D.& R., nine have been completed and one will be. This leaves only two for future writing. Mr. Knapp also reported that there would be a discussion by Professor Bibber concerning the role of the Board of Examiners at the AIEE Board meeting on Friday, February 2, 1962.

Lyph C. Holmes,

Chairman

LCH: LL

Attachment

SIMPLEX WIRE & CABLE @

MANUFACTURERS

79 SIDNEY ST., CAMBRIDGE 39, MASS.

G J CROWDES
VICE PRESIDENT

February 5, 1962

Mr. Lynn C. Holmes, Chairman Subcommittee on Indoctrination of Officers and A.I.E.E. Manuals General Dynamics Corp. 100 Carlson Road Rochester 3, New York

RECEIVED

FEB 9 - 1962

Lynn C. Holmes

Dear Mr. Holmes:

ASSIGNMENT ON DISTRICT DEVELOPMENT COMMITTEES

As Chairman of the GAD representatives to the above Subcommittee, I attended the meeting called by you on Tuesday, January 30, 1962, and reported on progress with the assignment given me.

As a matter of record, the GAD representatives for your Committee are the following:

G. J. Crowdes, Chairman

Donald E. Garr

Claude M. Summers

L. J. Weed

On November 2, 1962, I wrote the Vice-Presidents of the A.I.E.E. District, requesting information about the practices in their respective Districts. I now have replies from all Districts, which I have summarized as follows:

- 1. Number of Districts Reporting 15
- 2. Number of Districts with Committees 10
- 3. Number of Districts Without Committees 5

Two Districts are forming or considering the formation of such committees, and two other Districts do not like the idea.

Mr. Lynn C. Holmes

2.

February 5, 1962

The aims of all of them are quite similar. They wish to provide high caliber men for A.I.E.E. offices. The make-up of the committees varies as to number and type of members and their method of operation, as would be expected, varies as well as the results obtained. A number of the Districts have objectives and procedures spelled out, and others operate more loosely. All have two points in common.

- (a) Appointments to the committee are made by the District Vice-President.
- (b) All committees act in a purely advisory capacity.

I attach to this letter a copy of the letters from the Vice-Presidents for your perusal.

It is my understanding, after discussion at your Subcommittee Meeting, that this is to be considered a GAD matter entirely and that perhaps the place for this, in some form or other, is in the GAD Manual which is currently under revision by Mr. Gaylord's Committee.

On this basis, then, I presented most of this information at the GAD meeting on Wednesday, January 31, 1962. Discussion of the subject there seemed to remove objections where they existed, so that the way seems clear to do whatever is needed in GAD. No action was taken, but presumably the subject will receive further attention.

Yours very truly.

G. J. Growdes, Chairman

GAD Indoctrination of Vice-Presidents and AIEE Officers Subcommittee

GJC:ew Enclosures



AMERICAN INSTITUTE of ELECTRICAL ENGINEERS

345 East Forty-Seventh Street, New York 17, N. Y.

PLAZA 2-6800 (AREA CODE 212) February 27, 1962

Miss M. E. Clarke Headquarters, AIEE 345 East 47th Street New York 17, New York

Dear Miss Clarke:

Will you kindly arrange to have the enclosed minutes for the IRC Committee meeting reproduced and sent to the members of the IRC and other appropriate people such as Nelson Hibshman and Warren Chase?

Very truly yours,

Director-At-Large

Lynn C. Holmes/11

Enclosures

cc: Dr. B. R. Teare

MINUTES OF INTERSOCIETY RELATIONS COMMITTEE Meeting, January 30, 1962 Statler-Hilton Hotel, New York City

People Present:

B. R. Teare - Chairman

A. A. Johnson T. M. Linville L. C. Holmes

Most of the discussion at the committee meeting centered around the subject of the policy for ATEE sections contemplating joint action with other societies. Numerous requests have been received to clarify the position which sections should take in relation to joint activities. Three examples are from the Baltimore section, the St. Louis section and the Minnesota section. Each of these examples represents a different aspect of joint activity.

B. R. Teare requested L. C. Holmes to prepare a statement which might be used as a basis for a policy guide to AIEE sections. (This statement was prepared and circulated to the members of the committee present. With one minor addition, it was given tentative approval and appears with the addition as an appendix to this meeting report.)

The items on attachment 3, BofD 2/2/62, Agenda 6.0, were then briefly discussed. The following numbers correspond to the items on the referenced agenda.

6.1 EJC Constitution Amendments: No recommendations were ready.

6.2 EJC Proposals:

6.2.1 Nominations to President's Committee on the National Medal of Science-It was voted to approve the nominations offered by EJC for the President's Committee on the National Medal of Science as follows:

August B. Kinzel T. Keith Glennan Mervin Kelly C. Guy Suits

1. Linville; 2. Johnson

6.2.2 Nominations for National Science Foundation Board - It was voted to approve the following nominations offered by EJC for appointment on the NSF Board:

L. R. Hafstad

R. G. Folsom

F. E. Terman

Julius A. Stratton

1. Linville; 2. Johnson

6.3 ECPD Education and Accreditation Committee Appointment: It was voted that the appointment of an AIEE official representative on the ECPD E&A Committee should be the responsibility of the President of AIEE.

1. Linville; 2. Holmes

- 6.4 "Unified Statement of Principles...." ASME, AIEE, NSPE: No action required.
- 6.5 Registration as a Member Grade Requirement: It was decided that this should be left on the table as voted at the AIEE Board of Directors meeting in October.
- 6.6 NSPE Observer: No action was required.

The last subject to be discussed was that of recommending a representative for the EUSEC Conference in England, June 25-30, 1962. It was the general feeling that it would be a good idea to have a representative but the Intersociety Relations Committee was not in a position to push strongly for requesting travel funds for a representative. It was felt that there would probably be some well-known educator in attendance at the EUSEC meeting who could be designated as a representative of AIEE. (It should be noted that B. R. Teare, Chairman of the Intersociety Relations Committee and incoming President of AIEE was designated by Board action to be the official representative of AIEE at EUSEC with travel allowance.)

Lynn C. Holmes, Acting Secretary

LCH: LL

Attachment

APPENDIX - IRC Minutes Meeting - January 30, 1962 New York City

POLICY GUIDE FOR AIEE SECTIONS CONTEMPLATING JOINT ACTION WITH OTHER SOCIETIES

Preamble:

The object of AIEE as defined in its constitution is as follows:

C-10.020 Object of this association is the advancement of the theory and practice of Electrical Engineering and its applied Arts and Sciences and the maintenance of high technical and ethical standards among its members.

The following resolution was adopted by the Board of Directors on February 18, 1920:

R-5 Whereas, many requests are received by the officers of the Institute and its Sections and Branches for support of candidates for political office and for various movements in activities outside the field of engineering;

Resolved that the attention of the membership be called to the undesirability of the institute's expressing views purporting to represent the collective will of the national or any local organizations in matters outside the scope of engineering and upon which the membership may hold conflicting opinions.

Policy:

- 1. Each section or other organizational unit of AIEE shall use C-10.020 of the constitution of AIEE as the basis for determining the types of activities to undertake and the associations with which such organizational unit may become affiliated.
- 2. Organizational units of AIEE may carry on activities in cooperation with other societies, informally or in federations and councils provided that such activities come under the general categories of:
 - a) Coordination of meeting dates
 - b) Arrangements for joing meetings
 - c) Support of ECPD programs
 - d) Student advisement
 - e) Fostering of educational and technical or scientific projects in the public interest.
- 3. The following are examples of activities which should not be undertaken or supported either alone or jointly with any other societies:
 - a) Lobbying for legislation at any level; national, state or local.

- b) Supporting a specific candidate for election or appointment to political office. When requested, it is permissible to submit names of engineers for consideration for an appointment to office where the qualifications for that office are largely technical. It is preferable that more than one name be submitted in reply to each specific request.
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MINUTES OF INTERSOCIETY RELATIONS COMMITTEE Meeting, January 30, 1962 Statler-Hilton Hotel, New York City

People Present:

B. R. Teare - Chairman

A. A. Johnson T. M. Linville L. C. Holmes

Most of the discussion at the committee meeting centered around the subject of the policy for ATEE sections contemplating joint action with other societies. Numerous requests have been received to clarify the position which sections should take in relation to joint activities. Three examples are from the Baltimore section, the St. Louis section and the Minnesota section. Each of these examples represents a different aspect of joint activity.

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Lynn C. Holmes, Acting Secretary

LCH: LL

Attachment

APPENDIX - IRC Minutes
Meeting - January 30, 1962
New York City

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- 4. Joint activities may be undertaken with other societies as described under (2) even though one or more of the societies separately have activities as listed under (3), provided there is no implied or expressed understanding that the joint activities encompass those of the individual societies.

January 23, 1962

Dr. B. R. Teare, Jr., Dean School of Engineering Carnegle Institute of Technology Pittsburgh 13, Pennsylvania

Dear Dick:

INVESTIGATIONS REPORTED

You may have observed that there are seven items on the agenda of the February 2 meeting of the Board of Directors under the cognizance of the Intersociety Relations Committee. Of these, the item numbered 6.7 is probably the only one of real significance. The others will either involve a brief report or pass for want of action on the part of some committee or department responsible for initiating such action.

I hope to have a good deal more in the way of details before the end of this week; but for the present, I can offer the following comments:

- 6.1) EJC Constitution Amendments These bogged down in the last EJC Board meeting and will not be ready for attention of the constituent societies until further action by the EJC Board. This can be forgotten.
- 6.2) <u>EJC Recommendations</u> The Secretary of EJC is not in his office at present. I hope to get him to summarize for me just what EJC is looking to its constituent societies to act upon at this time. Probably our Delegates who have had attended the recent EJC Board and Executive Committee meetings will know the answer. There are some recommendations relative to the nomination of engineering representatives on certain government bodies, and I believe, a candidate for a government-sponsored medal will come up. This one will come through the FDR Department.
- 6.3) <u>BCFD Education</u> and Accreditation Consittee Appointment This appointment has actually been made for the current year. Professor
 Trucel was chosen by the President to serve for the current term. Consideration will have to be given to the method of selecting future holders
 of this position.
- 6.4) "Unified Statement:" All that needs to be done here is to report to the Board on the present status of this statement. It is my understanding that it has been approved by the Boards of the three societies and transmitted to EJC, ECPD, and NSPE. I understand there was some discussion at the EJC Executive Committee meeting in December.

- 6.5) Registration as a Number Grade Requirement This is the subject that was put on the table at our meeting in Detroit in October. I doubt if there will be very much disposition to take it off the table at this meeting or possibly at any future time. As I recall it, it was thought to be premature to discuss any such matter before the merger is settled. There is considerable opinion to the effect that after the merger is settled there will be little interest in this subject.
- 6.6) President Chase appointed Mr. J. D. Phillips of Jackson, Mississippi, to be AIEE Observer at the NSPE meeting January 25-26. I Son't know whether we will have a report from Mr. Phillips or not.
- 6.7) Consolidation with IRE It is to be doubted that this item will retain its present modest place halfway through the agenda. It is entirely possible that by popular demand it will be moved up to an early place on the agenda. It is my understanding, however, that the Board is under no compulsion or pressure to take definite action on February 2nd.

EUSEC Meeting

We have here enclosed a copy of a notice of the fourth EUSEC Education and Training Conference to be held in London June 25 to 30, 1962. It strikes me that this is a wish to attend. It seems to me that as long as AIEE is going to have an educator for president, we ought to be specifically and evidently represented at this conference. I assume that you are familiar with the work that the EUSEC Education and Training Conferences have been doing. To me it seems to represent the first useful achievement of this organization. AIEE has not been particularly active in EUEEC. We have not always had representatives at either the plenary or educational conferences. President Linder did go to Bruxells last year for the Flenary Conference.

Cordially yours,

Mill: and

inel.

N. S. Hibshman Executive Secretary turies Nations Plaza

WARREN H. CHASE

345 EAST 47th STREET . NEW YORK 17, N. Y. . PLaza 2-6800 (Area Code 212)

United Engineering Center

JANUARY 3, 1962

MR. VILLIAM H. BYRNE, PRESIDENT
AMERICAN SOCIETY OF MECHANICAL ENGINEERS
UNITED ENGINEERING CENTER
345 EAST 47TH STREET
NEW YORK 17, NEW YORK

DEAR BILLS

ATTACHED IS THE DRAFT OF A LETTER TRANSMITTED TO ME WITH YOUR LETTER OF DECEMBER 15TH. I AM RETURNING IT TO YOU FOR TRANSMITTAL.

I ASSUME THAT YOU WILL ARRANGE FOR SEMOING THIS LETTER TO THE PRESIDENTS OF E.J.C. AND E.C.P.D. RESPECTIVELY.

CORDIALLY AND SINCERELY,

W. H. CHASE

PRESIDENT

THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS

UNITED ENGINEERING CENTER

345 EAST 47th STREET, NEW YORK 17, N. Y.

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December 15, 1961

Mr. Murray A. Wilson, President National Society of Professional Engineers 2029 K Street, N.W. Washington 6, D.C.

Mr. W. H. Chase, President
American Institute of Electrical Engineers
Ohio Bell Telephone Company
750 Huron Road
Cleveland, Ohio



Gentlemen:

This letter has been prepared for your approval. It is the intention to send the attached letter to J. N. Landis, President of EJC, and to R. A. Morgen, President of ECPD, with carbon copies to each of the constituent societies of the two groups. Jim Landis would prepare an answer to it and send carbon copies to the participating societies of EJC and ECPD.

This morning at the EJC Executive Committee there was a considerable division of opinion on this matter; however, it was voted to continue the Presidents' Committee on an informal basis.

Sincerely,

William H. Byrde
President

DRAFT - December 15, 1961

The subject of Unity within the Engineering Profession has been of concern to many for a number of years. The very real issues which keep this matter alive are sincere and objective, but are not now sufficiently focused to provide a singular solution to the problem.

In an effort to make constructive suggestions toward a gradual attack on this subject, the Intersociety Relations Committees of AIEE, ASME, and NSPE have been working cooperatively for more than a year. Their report has now been approved by the governing bodies of our respective Societies and is transmitted herewith, with the hope that it may be a means for implementing action leading toward the development of a growing, living concept of Unity within our profession, as well as a rallying point for further cooperative action.

National Society of Professional Engineers By the Board of Directors:

27 Date // Murray A. Wilson, President

November 27, 1961

Dr. B. R. Teare, Jr., Dean School of Engineering Carnegie Institute of Technology Pittsburgh 13, Pennsylvania

Dear Dick:

INTERSOCIETY RELATIONS

First, I had better tell you that one of the members of your Committee has again changed his address. As of December 1, Walter J. Barrett will take up "semi-permanent quarters" at 1104 East Adelaide Drive, Apartment C, Tucson, Arizona. As far as I remember, yours is the only Committee on which Mr. Barrett has retained membership. He is very much interested in the developments connected with the proposed consolidation with IRE. I have sent him the text of the article to appear in the December issue of ELECTRICAL ENGINEERING and such associated information as has been distributed to the Board of Directors. He has volunteered to address any AIEE Sections in his neighborhood on any subject that your the President feel would be appropriate. So far as I know, there are no plans to organize Section information at the present time. However, I assume that something of this sort will have to be done if it comes to the point of "getting out the vote".

The Council of ASME will be meeting this week in New York. I was questioned by the Secretary of ASME on the intent of our Board relative to the "Unified Statement ..." and its relation to the question of registration as a prerequisite to the Member grade. You will recall that I supplied the Secretaries of ASME and NSPE with the revised version of the "Unified Statement ..." and explained to them that the footnote had been deleted in our version because our Board of Directors had tabled consideration of this subject of registration for Member grade. I think I have clarified this picture and it should be possible for the ASME Council to accept our version of the "Unified Statement ..." as I was told by the Executive Director of NSPE would be the attitude of his organization. As soon as I learn the action of the ASME Council on this matter I will let you know and, in consultation with the two interested societies, prepare the official document for signature.

Last Friday (November 24), I found in my mail a copy of the minutes of the Executive Committee of the Council of ASME meeting of November 3, 1961.

11/27/61 Dr. B. R. Teare, Jr. The ASME Council will have before it a proposed amendment of the Constitution including a new provision for the Member gradenes follows: "He shall also be registered as a Professional Engineer in one or more of the States or Territories of the United States or have equivalent status in foreign countries. Members elected to membership prior to and in good standing at the time of the adoption of this Article shall continue their membership in that status even though they may not be registered". It is not al all certain that this will be adopted. I note also as a part of the minutes of the Executive Committee meeting of November 3 that the Chairman of the 'National Membership Development Committee" has entered strong objection and reported that his committee had woted: "To endorse the requirement only after registration has become sufficiently universal to serve as a valid test of an engineer's professional status". His report indicated that this situation was far from having been attained in connection with the membership of ASME. In these same minutes I find an interesting opinion by the Legal Counsel of ASME warning against the proposal of the ASME Board on Codes and Standards to draft a "model clean air ordonnance". ASME Counsel advises that the drafting of ordennances should be left to others and ASME should stick to writing codes and standards that can be incorporated in such ordonnances. One of the dangers ambitioned by the ASME Counsel was the "danger that the Sections might advocate the enactment of specific legislation in their local legislatures for the purpose of promoting the common professional interests of the members, and we are afraid that the cumulative effect of such activities might be to induce the Internal Revenue Service to reclassify the Society as a business league rather than the acientific organization of the type described in Section 501c3." It has been my understanding that IRE has been very careful about protecting its 501c3 classification. I would assume that this subject would be one for careful consideration in determining the policies of the proposed new consolidated organization. Cordially yours, N. S. Hibshman

NSH: amd

cc: Mr. W. H. Chase

Executive Secretary



AMERICAN INSTITUTE of ELECTRICAL ENGINEERS

345 East Forty-Seventh Street, New York 17, N. Y.

PLAZA 2-6800 (AREA CODE 212)

November 18, 1961

minutes mailed - 11/21/61

Miss M. E. Clark Headquarters, AIEE 345 East 47th Street New York 17, New York

Dear Miss Clarke:

I am enclosing the IRC meeting minutes for the October 18, 1961 meeting held in Detroit, Michigan for duplication and distribution to the members of the IRC committee.

You will notice in these minutes that I refer to Attachments I, II, and III. To assist you, I am enclosing copies of these attachments and would appreciate your seeing that copies of these are attached to the minutes before distributing.

Sincerely yours,

Director-At-Large

Lynn C. Holmes:LL

Enclosures

P.S. - Refer to my correspondence with N. S. Hibshman dated October 24 and his reply of October 30.

LCH

INTERSOCIETY RELATIONS COMMITTEE
MINUTES OF MEETING
October 18, 1961
Room 1315, Statler-Hilton Hotel
Detroit, Michigan

ATTENDANCE: Commit

19

Committee Members:

B. R. Teare, Jr., Chairman

T. M. Linville A. A. Johnson L. C. Holmes

Visitors & Guests:

W. H. Chase, President-AIEE

S. C. Wright, V.P., District No. 7

D. T. Braymer representing C. F. Hochgesang

L. J. Shaffer R. L. Jones

AIEE/IRE CONSOLIDATION:

W. H. Chase discussed the series of conferences and discussions leading to the preparation of a resolution to be presented first to the IRE Board of Directors for approval and on Friday, October 20th to the AIEE Board. The people representing the IRE were Berkner, Haggerty, Pratt and McFarlan. Those representing AIEE were Linder, Chase and Teare. The most important aspect stressed by W. H. Chase was the open and receptive attitude displayed during all of the discussions by the representatives of both societies. W. H. Chase stated that, assuming a favorable vote by the IRE Board, P. E. Haggerty, President elect of the IRE, would appear before the AIEE Board on Friday and deliver a copy of the resolution with a cover letter to the President of AIEE. It was expected that Mr. Haggerty would also address the AIEE Board briefly.

R. Jones suggested that it is important to keep the officers of AIEE down to the section level informed as to the important events. W. H. Chase replied that there will be a press release approved jointly by IRE and AIEE and letters to all officers and committee chairmen will be sent out simultaneously with the press release.

In answer to a question concerning the approval of the members, W. H. Chase stated that it will probably require a two-thirds favorable vote from all voting members of both institutes. There are possible alternate methods which are being investigated from a legal viewpoint.

A resolution which was the combined efforts of small groups from both institutes was read.*

The following motion was made, seconded and passed unanimously: That the resolution as read with any nominal modification by action of the IRE Board be presented to the AIEE Board on Friday, October 20th for approval. (1. L. C. Holmes, 2. A. A. Johnson) The resolution as presented to the AIEE Board is shown as Attachment I.

^{*}It was learned before the meeting adjourned that the IRE Board had passed this resolution unanimously with a change of one word (technical to operational). It was agreed this change was an improvement.

- W. H. Chase reported that the Weber Committee had met and were in complete agreement with the proposal to consolidate. The Weber Committee will meet again on November 10th.
- A. A. Johnson suggested that the members of the IRC who were not present at the meeting be contacted so that their vote could be recorded.

SECTION PARTICIPATION IN LOCAL COUNCILS OR MUNICIPAL AFFAIRS:

S. C. Wright presented a letter to the Chairman concerning a situation in his district where a section was requested to go on record as approving a revision in the electrical building code. It was claimed that the older building code was costing taxpayers too much. On the other hand, the business of some contractors would be affected adversely if the new code were adopted.

This question of how far any section or group in AIEE can go without losing its C-3 tax status has been brought before the IRC on at least two previous occasions. One of these was from Maryland and the other one from Minnesota. There was some discussion on what the practice has been and it was generally agreed that the IRC should prepare a general statement of policy so that all groups within AIEE can operate under this policy.

B. R. Teare appointed A. A. Johnson and T. M. Linville as a subcommittee of two to draft a policy. T. M. Linville agreed to write a draft and send it to A. A. Johnson for comments. It was agreed that the subcommittee would look over the three cases presented as a guide to what should be covered in the policy statement.

AIEE-ASME-NSPE PRINCIPLES:

Unified Statement: Attached to the agenda for this meeting of the IRC was A Unified Statement of Principle by AIEE, ASME and NSPE in the Interest of the Improved Organization of the Engineering Profession. T. M. Linville strongly urged the IRC to approve this statement for presentation to the Board of Directors on October 20th. A motion to this effect was made, seconded and passed by the committee. (1. T. M. Linville, 2. A. A. Johnson) Attachment II shows the resolution which was presented to the Board.

Professional Registration as a Requirement for the Grade of Member: There was discussion concerning professional registration as a requirement for the grade of Member in AIEE. It was pointed out by T. M. Linville that the NSPE Board is acting on a resolution to open NSPE membership to non-registered AIEE members provided that AIEE will insert the requirement of professional registration for Member grade as of a fixed future date, possibly within two or three years. The question was raised as to whether the introduction of a resolution on this subject might be awkward in connection with our relations with the IRE. It was pointed out that the ASCE requires registration for the Fellow grade.

A motion was made and seconded that the resolution shown in Attachment III be presented to the Board for action on Friday, October 20th.

After considerable discussion concerning the propriety of this procedure, the motion was passed. (1. T. M. Linville, 2. A. A. Johnson)

The meeting was adjourned at 12:05 P.M.

Lynn C. Holmes, Acting Secretary

LCH:11

Attachments

Attachment I Attachment I Attachment VVV/ B of D 10/20/61 Agenda Item 61

A RESOLUTION

Approved by the Board of Directors of IRE October 18, 1961 Presented to the Board of Directors of AIEE October 20, 1961

Whereas the Board of Directors of the American Institute of Electrical Engineers and the Board of Directors of the Institute of Radio Engineers have concluded that the advancement of the theory and practice of electrical and radio engineering and the educational and scientific objectives of both Institutes may be better served by merger or consolidation of the two Institutes into one organization in which all present members would be included, and in which they would enjoy the same rights and privileges now conferred upon them by their separate organizations, and it appearing that such consolidation would not adversely affect the Institutes or their members, now therefore be it

RESOLVED, that the Board of Directors of AIEE deems it advisable in accordance with the stated objectives of AIEE, to move actively toward the consolidation of the activities and organization of AIEE with those of the Institute of Radio Engineers (IRE), by consolidation or otherwise, provided that the legal and operational problems incident to such consolidation can satisfactorily be resolved, and

FURTHER RESOLVED, that Warren H. Chase, Clarence H. Linder, Elgin B. Robertson, and B. Richard Teare, Jr., be and they hereby are appointed to join with Lloyd V. Berkner, Patrick E. Haggerty, Ronald L. McFarlan, and Haradan Pratt, when appointed by the Board of Directors of IRE, as members of a committee, which shall be authorized and directed to undertake such studies as they shall deem necessary and appropriate to determine the feasibility, practicability and form of such consolidation, and to make a report thereon to the Boards of the two Institutes not later than February 15, 1962, with a view to submission to a vote of the memberships of the two Institutes and consummation, if so approved, by January 1, 1963, and

FURTHER RESOLVED, that such committee shall be authorized to meet with the officers, directors and representatives of the two Institutes to consider the proposed amalgamation of the two groups and to make available to such persons such documents and information relating to AIEE as such committee deems advisable under the circumstances, and

FURTHER RESOLVED, that this committee be directed to prepare, in consultation with representatives of AIEE and IRE, a proposed Constitution and Bylaws and such other documents as counsel may recommend with a view to submission thereof to the Boards of Directors of the two Institutes on or before February 15, 1962, and

FURTHER RESOLVED, that the proper officers and directors of the AIEE be and hereby are authorized and directed to cause a copy of these resolutions to be delivered to the Board of Directors of the Institute of Radio Engineers, and

FURTHER RESOLVED, that these resolutions shall become effective as soon as the President of the American Institute of Electrical Engineers has been notified in a form satisfactory to him and to counsel of the AIEE that the Board of Directors of the Institute of Radio Engineers has adopted resolutions substantially to the effect of these presents.

Recommendations

The Intersociety Relations Committee makes the following recommendations to the Board of Directors:

- American Society of Mechanical Engineers and NSPE entitled

 "A Unified Statement of Principle by AIEE, ASME, and NSPE in the

 Interest of the Improved Organization of the Engineering

 Profession" be hereby approved by the Board of Directors of AIEE and that the president of AIEE be authorized to execute said document.
- 2. That the Intersociety Relations Committee be authorized to continue its joint activities with representatives of the American Society of Mechanical Engineers, NSPE, and any other national engineering society desiring to cooperate in a program to improve the organization of the engineering profession.

The following motion was passed by the members of the Intersociety Relations Committee present at the meeting of the Committee on Wednesday, October 18, 1961:

AIEE consider the establishment of professional registration as a requirement for the grade of Member in AIEE and refer the question to the Constitution and Bylaws Committee to report the necessary changes in the Constitution back to the Board for further action.

We believe that consideration of this matter by the Board should take into account any similar action by the Board of ASME and in addition any action by the Board of NSPE to open its membership to non-registered engineers.

November 15, 1961

Mr. T. M. Linville Research Laboratory General Electric Co. P.O. Box 1088 Schenectady, New York

Dear Tim:

INTERSOCIETY RELATIONS

10000000

Enclosed are two statements which you may or may not have received. Possibly I gave you some of this material when you were in the office recently talking about vacuum switches.

In any event, these two items may be of interest to you.

- "Release to ELECTRICAL ENGINEERING". This will appear in the December issue of ELECTRICAL ENGINEERING and embodies about all we can say about the proposed consolidation of the two Institutes.
- 2) "Unified Statement....". Here is a copy of the revised agreement smong AIEE, ASME, and NSPE which was approved by the Board of Directors of AIEE at Detroit. Paul Robins tells me that it is satisfactory to NSPK. ASME may or may not find it satisfactory when their Council meets next week. It will probably be disappointing both to NSPE and to ASME to find that AIEE tabled consideration of the question of relating the Member grade to Registration. I doubt that our Board will take any action on this subject as long as the merger is under consideration. If the merger goes through, all of these intersociety relations will have to be recyaluated and reconsidered. Hendley Blackmon is going to make a statement to the Board of Directors of EJC at their meeting on Friday of this week. In it he will indicate that it is the thinking of the AIEE-IRE leadership that the combined organization will have to be a "Founder Society". However, the binding obligation in this connection has to do only with UET. Since AIEE and IRE are both now members of ECPD, it may, of course, be assumed that the combined organization will remain in that federation. On the other hand, there is no guarantee that anyouther intersociety relations will

be maintained. It seems to me that all of this is a part of what you and Dr. McFarlan will be talking about. In the meantime, it would appear that merger considerations will very likely more or less freeze intersociety relations for the time being. Hendley Blackmon will say that both AIEE and IRE will maintain all of their present connections and relations and activities while the merger discussions are going on. However, he can promise nothing at this time beyond that point, if the merger materializes.

Cordially yours,

NSH: amd

N. S. Hibshman Executive Secretary

Encl.

cc: Mr. W. H. Chase

Teare 11/61

IRC

National Society of Professional Engineers



2029 K STREET, N. W., WASHINGTON 6, D. C

November 2, 1961

FEderal 7-221

OFFICE OF THE EXECUTIVE DIRECTOR

Mr. N. S. Hibshman, Executive Secretary American Institute of Electrical Engineers 345 East Forty-seventh Street New York 17, New York

Dear Nelson:

Thanks for sending to us a copy of the Unified Statement of Principle by AIEE, ASME & NSPE, as approved by the AIEE Board of Directors at its recent meeting in Detroit.

These changes do not alter the intent of the statement and, therefore, I believe will present no problem as far as NSPE endorsement is concerned.

Very truly yours,

Paul H. Robbins, P. E. Executive Director

PHR:jr

cc - Murray A. Wilson, P. E., President
Garvin H. Dyer, P. E., Chairman, Inter-Society
Relations Committee





GENERAL DYNAMICS ELECTRONICS

November 2, 1961

Mr. Nelson S. Hibshman Executive Secretary American Institute of Electrical Engineers 345 East 47th Street New York 17, New York

Dear Nelson:

It will not be necessary or desirable to distribute the minutes of the IRC to the Board of Directors.

I have not yet received the approval from Dick Tears to release the minutes. As soon as we get this, we will send them on to you for duplicating and distributing to the IRC members.

Sincerely yours,

Director of Engineering Operations

Lynn C. Holmes: LL

October 30, 1961

Mr. Lynn C. Holmes
Director of Engineering Operations
General Dynamics/Electronics
100 Carlson Road
Rochester 3, N. Y.

Dear Lynn:

It really doesn't matter too much how the minutes of the Intersociety Relations Committee are handled so far as duplication is concerned. For a group of this size - assuming that the minutes are intended for the committee only - you can send a one clean copy, and we will duplicate it on the Kerox machine which is cheaper for small runs than the multigraph.

On the other hand, if you want to distribute them to the Board, we would cut a stencil on our microtypewriter and run it along with the Board minutes. I would doubt that it would be necessary to do that unless there is important material in these minutes not otherwise reported to the Board as the basis for action and hence already in the Board minutes.

I hope the Board Minutes will be ready to go out about next Monday, November 6. I try to get them out in two weeks. This IEE business has used up one weekend usually given to minute writing. We have to get the merger story into the December issue of ELECTRICAL ENGINEERING. Next week, several of the nine subcommittees on the merger have already made dates for briefing sessions.

Cordially yours,

N. S. Hibshman Executive Secretary

NSH .mec



GENERAL DYNAMICS ELECTRONICS

October 24, 1961

Mr. Nelson B. Hibshman, Secretary American Institute of Electrical Engineers United Engineering Center 345 East 47th Street New York 17, New York

Dear Nelson:

Dick Teare asked me to act as Secretary of the IRC at its meeting in Detroit. As you can see by copy of the attached letter, I have prepared a draft of the minutes for approval by Dick.

We are fairly flexible insofar as the final draft is concerned. If it would help your staff, we can put the final on Multilith and send you the masters or we can have the minutes duplicated here and send them to Headquarters for distribution.

May I hear from you as to what your wishes are in this regard?

Sincerely yours,

Director of Engineering Operations

Lynn C. Holmes: LL

cc: B. R. Teare, Jr.

October 24, 1961

Dr. B. R. Teare, Jr. Dean of Engineering & Science Carnegie Institute of Technology Pittsburgh 13, Pennsylvania

Dear Dick:

Here is a draft of the minutes of the IRC meeting in Detroit.

If you have any suggestions as to additions or modifications,

I will see to it that these are incorporated in the final draft.

Miss Clarke at Headquarters is holding the extra copies of the resolutions to be used as attachments to these minutes.

Pending approval from Melson B. Hibshman, the final draft will be sent to Headquarters for duplicating and mailing to the IRC membership.

Sincerely yours, ORIGINAL SIGNED BY L C. H.

Director of Engineering Operations

Lynn C. Holmes: LL

ee: N. B. Hibshman

INTERSOCIETY RELATIONS COMMITTEE

Meeting Wednesday October 18, 1961 9:00 A.M. to 12 Noon
Room 1315, Statler-Hilton Hotel
Detroit, Michigan

AGENDA

1.0 APPROVAL OF MINUTES

Meeting of June 19, 1961, Ithaca, New York

- 2.0 AIEE-ASME-NSPE PRINCIPLES
 - 2.1) 'Unified Statement"

ATTACHMENT

The attached report issued over the signatures of the Presidents of ASME, AIEE and NSPE is on the agenda of the Board of Directors meeting of October 20, 1961 at which time it is assumed that the Intersociety Relations Committee may wish to make recommendations with regard to it.

2.2) Professional Registration as a Requirement for the Grade of Member

This subject is reported to be under consideration by AIEE. Should the IRC make recommendations on this subject?

3.0 SECTION PARTICIPATIONS IN LOCAL COUNCILS

Ref: Ex.Com. Minutes 9/20/60, 6.4 Ex.Com. Minutes 6/19/61, 5.1

- 3.1) Maryland Section Question
- 3.2) Minnesota Section Question
- 4.0 NEW BUSINESS
- 5.0 ADJOURNMENT

A UNIFIED STATEMENT OF PRINCIPLE BY AIRE, ASME, & NSPE

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IN THE INTEREST OF THE

IMPROVED ORGANIZATION OF THE ENGINEERING PROFESSION

The engineering profession finds itself urged toward a more unified organization by forces which are social, economic, and technical in origin. By law and by custom, the Founder Societies have directed their major attention to the technical aspects of professional life. The NSPE, by charter and purpose, has directed its major attention to the economic and legislative aspects of professional life. Thus the individual engineer, recognizing the full range of his professional responsibility, is increasingly aware that he must hold membership in both technical and professional societies.

The growing trend toward multiple membership not only emphasizes the need for cooperative action to eliminate duplication of effort, but provides an opportunity to attack in unison many problems common to the entire profession. A pattern must now be established not only to accomplish this end but to provide positive steps toward unity of purpose.

In this spirit, and at the direction of their governing bodies, the Intersociety Relations Committee of AIEE, ASME, and NSPE have been conferring. Our joint deliberations have produced agreement on the following tenets:

- 1 The basic principle and the division of areas of responsibility (technical, educational, and professional) encompassed in the functional concept are sound, and should be implemented by engineering societies intent upon improving the organization of the engineering profession.
- 2 In the implementation of the functional concept, an integrating body is desirable not only as a mechanism for assuring understanding among domains, but as an outward symbol of unity within the profession.
- 5 The chief responsibility of ASME and AIEE to their members lies in the technical domain. Although not obliged to relinquish any services now offered their members, these societies should restrict their activities outside the technical area and should participate in the coordination of broader matters with other appropriate groups.
- 4 Complete acceptance of the functional concept by an individual engineer necessitates his membership support of both a technical society and a professional society. Each society should urge such dual membership on its members. 1)

The ASME and the AIEE have under consideration at the moment the establishment of professional registration as a requirement for the grade of Member. NSPE also has under consideration a plan to permit admission for a limited period, and with certain restrictions, of non-registered engineers who are now Members of qualified societies.

During the period spanned by the joint meetings of our Intersociety Relations Committee, a potentially significant step toward unification has been taken by EJC, ECPD, and NSPR. A Conference of the Presidents and Vice-Presidents of these societies has been instituted with quarterly meetings. We encourage the continuation of this Conference and propose to assist and support this effort to improve the functioning and the effectiveness of the organizations represented. We further believe that the Conference of Presidents and Vice-Presidents can form the nucleus of the integrating body to serve the profession as a whole. We respectfully suggest that this Conference consider its functions to be:

- 1 To serve as an expression and symbol of unity within the profession.
- 2 To serve as a vehicle for encouraging the integration of activities in accordance with the functional concept.
- 3 To stimulate studies and planning directed toward an improved organization of the engineering profession for more effective service to society.

Consistent with these functions, we consider that the following problems, bearing upon the broad spectrum of professional life, merit the immediate attention of the Conference:

- 1 = Meetings: The continuing proliferation of technical meetings is undesirable. The Conference should evolve means which will foster joint meetings or the elimination of duplicate coverage of topics by different societies.
- 2 * Student Organization: The conventional curricular boundaries in engineering schools are disappearing. The Conference should coordinate efforts leading to the formation of interdisciplinary Engineering Associations on the campuses.
 - 3 = Professional Development: The rapid growth of engineering science imposes an even more urgent requirement for development of the young engineer following his graduation. The Conference should further the effectiveness and the implementation of the ECPD "First Five Years" program by every practical cooperative means.
 - 4 Registration: The variations in State Registration laws are burdensome and undesirable. The Conference should support a
 cooperative effort which will assist NCSBEE and NSPE in
 the development throughout the United States of more
 uniform registration requirements and examination
 standards.
 - 5 <u>Surveys</u>: There is unnecessary duplication of effort in surveys.

 The Conference should initiate a review of existing
 survey programs, including those on engineering salaries,
 with a view toward retaining only those which are most
 inclusive and accurate.
 - 6 Identification: There is no formal commitment to a code of ethics by the young engineer as he enters the profession. The Conference should generate wider support of ECPD's efforts to establish an engineer's badge of recognition comparable in significance to the Canadian iron ring ceremony.
 - 7 Public Relations: There is no generally recognized and accepted

 "Voice of the Engineer." The Conference should direct its
 attention to the establishment of recognized spokesmen
 appropriate to particular topics.

8 - Communication: Arrangements should be established for effective two-way communication between the Conference and the individual engineer. Appropriate channels should be set up whereby the individual engineer may make suggestions through his society to the Conference on any matters of broad interest to the profession. Reports on the deliberations and accomplishments of the Conference should be distributed regularly to all constituent bodies and published in their periodicals for the information of members.

The above is not intended as a complete list of the responsibilities of the Conference, but merely as an indication of certain matters requiring immediate attention in the interest of a more unified professional objective. There is opportunity and need for a continuing and sizable program requiring substantial effort and time. Obviously, it is not reasonable to expect that the Presidents and Vice-Presidents of NSPE, EJC, and ECPD, already carrying the burdens of these offices in addition to their own professional practice, will be able to devote the time and attention necessary to discharge adequately the functions of the Conference without substantial assistance.

We therefore believe it is necessary and desirable that the Conference have additional help. For this reason we recommend that the Conference be enlarged by the addition of six members. We suggest that these consist of one representative each selected by the governing bodies of EJC, ECPD, and NSPE, to serve for terms of three years, plus the secretaries or executive directors of NSPE, EJC, and ECPD. The three year terms of the selected representatives and the inclusion of the secretaries will assure continuity and facilitate staff work. It is further recommended that the elected representatives serve as chairman of the Conference, each in turn for one year.

Finally, we consider that it is desirable to continue the joint meetings of the Intersociety Relations Committees of our Societies in order to further, in every manner possible, an improved organization of the engineering profession by the development of suggestions to be submitted to the Conference for action, and by undertaking studies of pertinent matters not necessarily requiring the attention of the Conference. We propose an immediate study on a pattern to be recommended to the local sections and chapters of engineering societies in the numerous population centers of the country that will result in effective cooperation consistent with the functional concept and the overall problems of the profession as outlined herein, as well as with the legal restrictions imposed by the various society charters. We invite and urge the Intersociety Relations Committees of other national engineering societies to join with us in these and other deliberations.

It is our intention to avow publicly this statement of principle with the hope that by so doing the governing boards of other national engineering societies, both within and without ECPD and EJC, will find themselves so in accord with our view and in sympathy with our desire for action that they will be moved to join with us in this unified statement of principle.

The American Society of Mechanical Engineers By the Council;

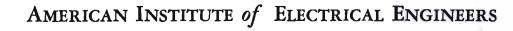
Date Wm. H. Byrne, President

American Institute of Electrical Engineers By the Board of Directors:

Date Warren H. Chase, President

National Society of Professional Engineers By the Board of Directors:

Date Murray A. Wilson, President





MID-AMERICA DISTRICT (No. 7)

October 12, 1961

Address Reply 707 North Robinson Oklahoma City 3, Oklahoma

Dr. B. R. Teare, Jr. Chairman, Intersociety Relations Committee, AIEE Carnegie Institute of Technology Pittsburgh 13, Pennsylvania

Dear Dicks

The District Executive Committee Meeting of Mid America District #7 was held October 6, 1961 in Little Rock, Arkansas. At this meeting the representatives from the St. Louis Section presented the following motion which was approved by the Executive Committee:

- Authorize a petition requesting that the national policy pertaining to AIEE in political or legislative matters be clearly stated.
- 2. State in our petition to National Headquarters that an explanation of the reasons behind the AIEE policy stated in answer to the first petition be given with background information that would aid the District and Sections in future interpretations of the policy.

The background information in this petition is that the Mayor of St. Louis and City Council requested that AIEE make a recommendation for the revision of the Electrical Code which was many years old and completely outmoded. The St. Louis Section feels that this is a matter of standards which the AIEE is the best qualified to advise the city officials. The section feels strongly that a policy should be adopted whereby the AIEE local Section can speak freely on public matters where the Section believes they are the best authority and where it is in the public interest to take a firm position in public matters. In the discussion it was brought out clearly that they do not recommend that the Section participate in a political campaign. For example: Nixon versus Kennedy.

It is the consensus of opinion in our District that a definite policy should be established at National level in regard to political or legislative matters. We are not unmindful of the tax status situation; however, it seems to us that we should be the authority in the development of technical standards and other matters pertaining to the electrical business and if it is in the best interest of the public we should speak freely with whatever associated publicity may develop.

It is my understanding that the Board of Directors has delegated to the Intersociety Relations Committee the responsibility for developing such a policy and that you have several cases under consideration at this time. If you need further information on the St. Louis case we shall be glad to furnish it. I should appreciate a reply as soon as your committee has acted on this matter.

Yours truly,

Sim C. Wright, Vice President AIEE, Mid America District #7

SCW/hdw

New York, New York

Mr. Cerl E. Howe, Chairman St. Louis Section, AIEE St. Louis, Missouri

Mr. C. H. Zurhelde, Vice Chairman St. Louis Section, AIEE St. Louis, Missouri

Mr. C. W. Neal, Secretary, District #7, AIEE Oklahoma City, Oklahoma

October 10, 1961

Dr. B. R. Teare, Jr., Dean School of Engineering Carnegie Institute of Technology Pittsburgh 13, Pennsylvania

LOCAL COUNCILS

Dear Dick:

I don't recall whether you saw the enclosed material or not. The letter of May 3rd from the ASME Legal Counsel you may have seen before, but the second reprint of a communication from the same source you probably did not see.

My reason for sending them to you is that they seem to me to be very well reasoned conclusions with respect to this problem of the association of the Sections with local councils that might attempt to influence legislation and thus jeopardize the tax status of the Institute.

In the first communication, the ASME lawyers concluded that such relationships might be all right if they were careful to stay within the chartered purposes of the society. Later, he seems to come to the conclusion that it is better not to take any chances and to stay away from them completely.

In our own case, I understand that the Maryland idea has been dropped. We have the same problem with Connecticut as ASME although at the time they brought it up with me our lawyer said they couldn't do any harm. Our Legal Counsel, Simon Presant, now concurs fully with the ASME lawyers.

The problem for the Intersociety Relations Committee, however, is to arrive at a policy statement mostly in positive terms indicating the kind of thing that our Sections can do that is right and good and only incidentally you are telling them what they may not do. This will have to be done clearly enough to avoid any misunderstanding, but at the same time we don't want to discourage them from many cooperative activities that they might undertake. The trouble is that frequently these local councils are dominated by consulting engineers and others who have very direct interests in legislation and they like to get as much support as they can. The answer would seem to be that this is for NSPE and not for AIEE as an organization. There is no objection to our members participating as individuals or as members of NSPE in any of this sort of thing, but they must not use AIEE's name in connection with it.

Cordially yours,

N. S. Hibshman Executive Secretary

ARNEGIE INSTITUTE OF TECHNOLOGY SCHENLEY PARK PITTSBURGH 13, PENNSYLVANIA

COLLEGE OF ENGINEERING AND SCIENCE B. R. TEARE, JR., Dean

October 2, 1961

Mr. N. S. Hibshman American Institute of Electrical Engineers 345 East Forty-Seventh Street New York 17, New York

Dear Nelson:

Many thanks for sending out the agenda for the Intersociety Relations Committee meeting scheduled for October 16. They are excellent.

I also appreciate your file on the Minnesota Section problem.

Sincerely yours,

Duch Jean B. R. Teare, Jr.

September 27, 1961

VIET THE PARTY

Dr. B. R. Teare, Jr., Dean School of Engineering Carnegie Institute of Technology Pittsburgh 13, Pennsylvania

Dear Dick:

Enclosed is a copy of the hastily assembled agenda for your Intersociety Relations Committee meeting in Detroit on October 16. It, at least, serves the purpose of announcing the time and place of the meeting if it is unable to go into too much detail about what is to be considered there.

Enclosed also is my file on the Minnesota Section question. This is not a particularly clear cut case, but it is illustrative of the effort that is rather frequently made to engage the technical societies in discussions of Consulting Engineering "trade practice".

I am told by our attorney that the publication of such codes of ethics may be considered educational so long as the organization does nothing to enforce them. On the other hand, the desirability of being identified with them is, perhaps, the basic question here.

Phil Stout was in my office about a week ago and said nothing about the Maryland situation. I have a feeling that that may not be any longer an active question. However, this should be determined before your committee decides to put it aside. In any event, there is Connecticut and Oregon and other places where varying degrees of involvement with legislative and near-legislative problems are involved. What is wanted from the Intersociety Relations Committee is a statement of policy, preferably in positive terms, indicating to our Sections what is appropriate activity in this area.

Cordially yours,

N. S. Hibshman Executive Secretary

NSH: amd

INTERSOCIETY RELATIONS COMMITTEE Meeting Wednesday October 18, 1961 9:00 A.M. to 12 Noon Room 1315, Statler-Hilton Hotel Detroit, Michigan

AGENDA

1.0 APPROVAL OF MINUTES

Meeting of June 19, 1961, Ithaca, New York

2.0 AIEE-ASME-NSPE PRINCIPLES

2.1) 'Unified Statement"

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- 3.1) Maryland Section Question
- 3.2) Minnesota Section Question
- 4.0 NEW BUSINESS
- 5.0 ADJOURNMENT

pent 9/27/01

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¹⁾ The ASME and the AIEE have under consideration at the moment the establishment of professional registration as a requirement for the grade of Member. NSPE also has under consideration a plan to permit admission for a limited period, and with certain restrictions, of non-registered engineers who are now Members of qualified societies.

During the period spanned by the joint meetings of our Intersociety Relations Committees, a potentially significant step toward unification has been taken by EJC, ECPD, and NSPE. A Conference of the Presidents and Vice Presidents of these societies has been instituted with quarterly meetings. We encourage the continuation of this Conference and propose to assist and support this effort to improve the functioning and the effectiveness of the organizations represented. We further believe that the Conference of Presidents and Vice Presidents can form the nucleus of the integrating body to serve the profession as a whole. We respectfully suggest that this Conference consider its functions to be:

- 1 To serve as an expression and symbol of unity within the profession.
- 2 To serve as a vehicle for encouraging the integration of activities in accordance with the functional concept.
- 3 To stimulate studies and planning directed toward an improved organization of the engineering profession for more effective service to society.

Consistent with these functions, we consider that the following problems, bearing upon the broad spectrum of professional life, merit the immediate attention of the Conference:

- 1 Meetings: The continuing proliferation of technical meetings is undesirable. The Conference should evolve means which will foster joint meetings or the elimination of duplicate coverage of topics by different societies.
- 2 Student Organization: The conventional curricular boundaries in engineering schools are disappearing. The Conference should coordinate efforts leading to the formation of inter-disciplinary Engineering Associations on the campuses.
- 3 Professional Development: The rapid growth of engineering science imposes an even more urgent requirement for development of the young engineer following his graduation. The Conference should further the effectiveness and the implementation of the ECPD "First Five Years" program by every practical cooperative means.
- 4 Registration: The variations in State Registration laws are burdensome and undesirable. The Conference should support a cooperative effort which will assist NCSBEE and NSPE in the development throughout the United States of more uniform registration requirements and examination standards.

- 5 Surveys: There is unnecessary duplication of effort in surveys. The Conference should initiate a review of existing survey programs, including those on engineering salaries, with a view toward retaining only those which are most inclusive and accurate.
- 6 Identification: There is no formal commitment to a code of ethics by the young engineer as he enters the profession. The Conference should generate wider support of ECPD's efforts to establish an engineer's badge of recognition comparable in significance to the Canadian iron ring ceremony.
- 7 Public Relations: There is no generally recognized and accepted

 "Voice of the Engineer." The Conference should direct its
 attention to the establishment of recognized spokesmen
 appropriate to particular topics.
- 8 Communication: Arrangements should be established for effective twoway communication between the Conference and the individual engineer. Appropriate channels should be set up whereby the individual engineer may make suggestions through his society to the Conference on any matters of broad interest to the profession. Reports on the deliberations and accomplishments of the Conference should be distributed regularly to all constituent bodies and published in their periodicals for the information of members.

The above is not intended as a complete list of the responsibilities of the Conference, but merely as an indication of certain matters requiring immediate attention in the interest of a more unified professional objective. There is opportunity and need for a continuing and sizable program requiring substantial effort and time. Obviously, it is not reasonable to expect that the Presidents and Vice Presidents of NSPE, EJC, and ECFD, already carrying the burdens of these offices in addition to their own professional practice, will be able to devote the time and attention necessary to discharge adequately the functions of the Conference without substantial assistance.

We therefore believe it is necessary and desirable that the Conference have additional help. For this reason we recommend that the Conference be enlarged by the addition of six members. We suggest that these consist of one representative each selected by the governing bodies of EJC, ECFD, and NSFE, to serve for terms of three years, plus the secretaries or executive directors of NSPE, EJC, and ECFD. The three year terms of the selected representatives and the inclusion of the secretaries will assure continuity and facilitate staff work. It is further recommended that the elected representatives serve as chairman of the Conference, each in turn for one year.

Finally, we consider that it is desirable to continue the joint meetings of the Intersociety Relations Committees of our Societies in order to further, in every manner possible, an improved organization of the engineering profession by the development of suggestions to be submitted to the Conference for action, and by undertaking studies of pertinent matters not necessarily requiring the attention of the Conference. We propose an immediate study on a pattern to be recommended to the local sections and chapters of engineering societies in the numerous population centers of the country that will result in effective cooperation consistent with the functional concept and the overall problems of the profession as outlined herein, as well as with the legal restrictions imposed by the various society charters. We invite and urge the Intersociety Relations Committees of other national engineering societies to join with us in these and other deliberations.

It is our intention to avow publicly this statement of principle with the hope that by so doing the governing boards of other national engineering societies, both within and without ECFD and EJC, will find themselves so in accord with our view and in sympathy with our desire for action that they will be moved to join with us in this unified statement of principle.

The American Society of Mechanical Engineers By the Council:

Date

Wm. H. Byrne, President

American Institute of Electrical Engineers By the Board of Directors:

Date

Warren H. Chase, President

National Society of Professional Engineers By the Board of Directors:

Date

Murray A. Wilson, President



GENERAL DYNAMICS ELECTRONICS
September 21, 1961

Mr. Warren H. Chase, Vice President Ohio Bell Telephone Company 750 Huron Road Cleveland 15, Ohio

Dear Warren:

Thank you for your reply of September 16th to my letter of September 13th concerning AIEE/IRE relations. For the near future, I think that both AIEE and IRE feel that they would be forced to make compromises far beyond what they are prepared to do in order to achieve a complete unification of the two societies.

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This being the situation, I feel that the best plan for each society is to consider carefully what the needs of the members are and try to fill these needs. In many respects, IRE has done this more satisfactorily than AIRE. One of the areas where IRE has been more liberal than AIEE is in the establishment of associate student branches at technical institutes. It seems to me that, in some way or other, the graduates from the technical institutes should be served by some technical organization. I feel that allowing them to become affiliated with a society such as AIEE or IRE elevates their stature without detracting from the stature of the organization as a whole. I can not foresee the possibility of having large minority groups of this kind actually taking over the control of the society. It seems to me a paradox that the society which has opened its doors widest to membership at all levels in the profession has the reputation of being more scientific and possibly more sophisticated insofar as its approach to the electrical engineering profession is concerned than the society which has been very strict in limiting its membership and not encouraging technicians nor scientists to become members.

I believe that the institute technical groups will help to overcome a feeling on the part of many members that AIEE is not serving the membership as well as it should. I have been rather annoyed at the lack of concise information at the district and section levels concerning the procedures to be followed in establishing technical groups. I realize that an early recommendation was to allow the groups to grow naturally without forcing them into any strict pattern. This is all very well and good, but can be carried too far, especially in view of the fact that this policy is almost a complete reversal from the strict control and procedures which have been in effect in AIEE for many years. I was also rather annoyed at the questionnaire which came to members about a year ago asking for

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September 21, 1961

Mr. Warren Chase - 2

their interest in technical groups. In my opinion, it would have been far better to have established several suggested plans for technical groups and then ask the members if they would be interested in joining one or more of the suggested groups. Here again, I think we could have prefitably followed the example of the IRE as illustrated by the listing on pages 114A and 115A in the September Proceedings of the IRE.

I am hopeful that before long we can get a management in AIEE which is progressive enough to initiate sound ideas of its own rather than always having to refer to the way in which service is rendered to IRE members by that organization. If we concentrate on serving our members rather than competing with the IRE, we will wind up having a much stronger society.

I have been rambling on and possibly some of these thoughts don't make real sense, but I am extremely interested in intersociety relations, especially in view of my association with a company where both AIRE and IRE are important. Anything we can do to improve cooperation and serve the membership of both societies better will be valuable.

Sincerely yours,

Director of Engineering Operations

Lynn C. Helmes: LL

co: Mr. W. Hibshman

P.S.- You may be interested in "A Definition of Electronic Industries", a copy of which is enclosed, which appeared in the current weekly report of the Electronic Industries Association.

A Definition of Electronic Industries*

For the purpose of defining the scope of the Electronic Industries Association and its several divisions, the Board of Directors on September 11, 1961, adapted the following definitions:

Electronics is that branch of science and technology which deals with the study, application, and control of the phenomena of conduction of electricity in a vacuum, in gases, in liquids, in semiconductors and in conducting and super-conducting materials.

Electronic products consist of materials, parts, components, sub-assemblies and equipment which amploy the principles of electronics in performing their major functions. These products may be used as instruments and controls in communication, detection, amplification, computation, imagestion, testing, measurement, operation, recording, analysis, and other functions employing electronic principles.

Electronic industries comprise industrial organizations engaged in the manufacture, design and development, and/or substantial assembly of electronic equipment, systems, assemblies, or the components thereof.

^{*} Adopted by EIA Board of Directors September 14, 1961

from
WARREN H. CHASE

SEPTEMBER 20, 1961

DEAR NELSON:

I WOULD LIKE TO HAVE A COPY OF THE ATTACHED GIVEN OUT WITH THE MINUTES BEING SENT TO THE BOARD OF DIRECTORS FOR THE DETROIT MEETING.

WARREN

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ATTACH MENTIV Bof DIOJZUGGI Agenda Item 6.2

A UNIFIED STATEMENT OF PRINCIPLE BY AIEE, ASME, & NSPE 53

IN THE INTEREST OF THE 2 2

IMPROVED ORGANIZATION OF THE ENGINEERING PROFESSION

The engineering profession finds itself urged toward a more unified organization by forces which are social, economic, and technical in origin. By law and by custom, the Founder Societies have directed their major attention to the technical aspects of professional life. The NSFE, by charter and purpose, has directed its major attention to the economic and legislative aspects of professional life. Thus the individual engineer, recognizing the full range of his professional responsibility, is increasingly aware that he must hold membership in both technical and professional societies.

The growing trend toward multiple membership not only emphasizes the need for cooperative action to eliminate duplication of effort, but provides an opportunity to attack in unison many problems common to the entire profession. A pattern must now be established not only to accomplish this end but to provide positive steps toward unity of purpose.

In this spirit, and at the direction of their governing bodies, the Intersociety Relations Committees of AIEE, ASME, and NSFE have been conferring. Our joint deliberations have produced agreement on the following tenets:

- 1 The basic principle and the division of areas of responsibility (technical, educational, and professional) encompassed in the functional concept are sound, and should be implemented by engineering societies intent upon improving the organization of the engineering profession.
- 2 In the implementation of the functional concept, an integrating body is desirable not only as a mechanism for assuring understanding among domains, but as an outward symbol of unity within the profession.
- 3 The chief responsibility of ASME and AIEE to their members lies in the technical domain. Although not obliged to relinquish any services now offered their members, these societies should restrict their activities outside the technical area and should participate in the coordination of broader matters with other appropriate groups.
- 4 Complete acceptance of the functional concept by an individual engineer necessitates his membership support of both a technical society and a professional society. Each society should urge such dual membership on its members. 1)

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Finally, we consider that it is desirable to continue the joint meetings of the Intersociety Relations Committees of our Societies in order to further, in every manner possible, an improved organization of the engineering profession by the development of suggestions to be submitted to the Conference for action, and by undertaking studies of pertinent matters not necessarily requiring the attention of the Conference. We propose an immediate study on a pattern to be recommended to the local sections and chapters of engineering societies in the numerous population centers of the country that will result in effective cooperation consistent with the functional concept and the overall problems of the profession as outlined herein, as well as with the legal restrictions imposed by the various society charters. We invite and urge the Intersociety Relations Committees of other national engineering societies to join with us in these and other deliberations.

It is our intention to avow publicly this statement of principle with the hope that by so doing the governing boards of other national engineering societies, both within and without ECPD and EJC, will find themselves so in accord with our view and in sympathy with our desire for action that they will be moved to join with us in this unified statement of principle.

By the Council:

Date Wm. H. Byrne, President

American Institute of Electrical Engineers
By the Board of Directors:

Date Warren H. Chase, President

National Society of Professional Engineers
By the Board of Directors:

Murray A. Wilson, President

The American Society of Mechanical Engineers

Westinghouse

ELECTRIC CORPORATION



ADDRESS CORRESPONDENCE TO: EDUCATIONAL DEPARTMENT EAST PITTSBURGH, PA. WESTINGHOUSE EDUCATIONAL CENTER
ARDMORE BLVD. & BRINTON ROAD
WILKINSBURG, PA.

September 20, 1961

Dr. B. Richard Teare Chairman, Inter-Society Committee American Institute of Electrical Engineers Carnegie Institute of Technology Pittsburgh 13, Pennsylvania

Dear Dick:

I believe Chuck Ebert talked to you, for me, about what you would want as a report from the AIEE representatives to the EJC Engineering Manpower Commission. I agreed, with Scott Hill, to take on the chore of informing AIEE of what is going on in the Manpower Commission.

Chuck said that you felt that all that was necessary was a copy of the Minutes. Attached, therefore, are the Minutes of the June 15 meeting; and I have arranged to send you Minutes of subsequent meetings.

Very truly yours,

EDUCATIONAL DEPARTMENT

George D. Lobingier

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GDL: GEH

Copy to Mr. N. S. Hibshman, AIEE

Re

September 13, 1961

Mr. Warren Chase, Vice President Ohio Bell Telephone Company 750 Huron Road Cleveland 15, Ohio

Dear Warren:

This is with further reference to our discussion on Tuesday, September 12th concerning the AIEE-IRE relations.

I was greatly encouraged by the rapid progress which was made by the task group headed by Scott Hill for AIEE and Don Fink for IRE. I think the reciprical membership plan is a good one to have and that the Joint Standards Committee was long overdue with practically no negative feelings about establishing such a joint committee. I am afraid that the Board of Examiners is somewhat reluctant to accept the decision of the Board of Directors and that this conservative attitude on the part of the Board of Examiners may be indicative of the state in which AIEE finds itself relative to the IRE. I am not advocating a completely open membership but feel that if we are to grow in AIEE, we must have some groups who tend to be on the liberal side rather than being ultra-conservative. I am in favor of changes in policy which will tend to create a better impression of the AIEE in the young engineers mind than has been the case over the past ten years or so.

With regard to student branches, I believe that AIEE should adopt a very liberal attitude and that the screening for adequate qualifications for voting membership in AIEE should be at the Associate Member and Member grades rather than at the Student grade. In general, I feel that the IRE has attracted highly qualified leaders for their national officers and expect that they will continue to do so. Furthermore, I do not believe, as some of the AIEE members do, that the qualifications for membership in the IRE are far less stringent than for AIEE.

The engineering schools which have attained a high degree of leadership in the United States tend to lean far more heavily toward IRE than AIEE. Personally, I think there is a place for both organizations and can not see the possibility of a complete merger at all levels. I do think we should stop confusing the students by continuing to offer the choice between AIEE and IRE at the student levels. This tends to put us in a competitive position which the more thoughtful leaders of neither AIEE nor IRE fully approve.

IRC

Mr. N. S. Hibshman Mr. T. Linville

Mr. D. Teare
For your information

information
W.H.CHASE, PRESIDENT

American Institute of Electrical Engineers

On United Mations' Pieza

RREN H. CHASE

345 EAST 47th STREET . NEW YORK 17, N. Y. PLaza 2-6800 (Area Code 212)

United Engineering Center

September 6, 1961

Mr. Walter J. Barrett New Jersey Bell Telephone Company 540 Broad Street Newark, New Jersey

Dear Walter:

As usual, you were very prompt in writing the memorandum on improved organization of the engineering profession in the well-known Barrett style. I have gone over this memorandum and feel that it covers the points which need to be stressed at this time and have no suggestions as to its betterment.

As discussed with you this morning, I talked to Dick Teare and Ron Smith and they promised to review it and give their comments to you in the next day or two. I would like to have it in shape to discuss at an Intersociety Relations Committee meeting which we plan to hold at Detroit in October. I will want to send copies to our Board as soon as you have concurrence. I am hopeful that we will get approval by the AIEE Board at our Director's meeting.

Please advise me as to the progress of this so that I can know of any major changes that might be suggested by any of the committee members.

Cordially and sincerely,

AN AGREEMENT LOOKING TOWARD

IMPROVED ORGANIZATION OF THE ENGINEERING PROFESSION

The engineering profession finds itself urged towards a more unified organization by forces which are social, economic and technical in origin. By law and custom, the Founder Societies must restrict their activities in economic and legislative fields. Thus the individual engineer, recognizing the full range of his professional responsibilities, must hold membership in both his technical and his professional society. With the growth of multiple memberships, further cooperative action in reducing overlap and attacking problems common to the entire engineering profession becomes practical. A pattern must be established for accomplishing this, and it is our belief that positive steps must be taken at this time or the opportunity to avoid further fragmentation and to further an effective movement towards unity will be lost.

This agreement results from the continuing efforts of the Intersociety Relations Committees of AIEE, ASME, and NSPE, as directed by the governing bodies of those societies. Other national engineering societies, both within and without EJC and ECPD, are welcome to join in this agreement.

During the period spanned by the joint meetings of our Intersociety Relations Committees, a very significant step has been taken. A series of quarterly conferences has been instituted among the Presidents and Vice Presidents of ECPD, EJC, and NSPE. We encourage the continuation of this program and propose to do all we can to assist and support this effort to improve the functioning and effectiveness of the organizations represented.

Our joint deliberations have produced agreement on the following basic tenets:

The basic principle and the division of areas of responsibility (technical, educational, and professional) encompassed in the functional concept is sound, and should be implemented by engineering societies intent upon improving the organization of the engineering profession.

In the implementation of this concept, an integrating body is required both as a mechanism for assuring coordination among domains and as an outward symbol of unity within the profession.

The chief responsibility of ASME and AIEE to their members lies in the technical domain. Although not obliged to relinquish any services now offered their members, these societies should restrict their activities outside the technical area and should participate in the coordination of broader matters with other appropriate groups.

Complete acceptance of the functional concept by an individual engineer necessitates his membership support of both his technical society and his professional society. Each society should urge such dual membership on its members. Progress toward this goal is being made in the consideration by ASME and AIEE of the possibility of establishing professional registration as a requirement for the grade of Member. MSPE has under consideration a plan to permit admission of nonregistered but otherwise qualified engineers.

We believe that the quarterly conference of Presidents and Vice Presidents is consistent with the need for an integrating body stated above. We respectfully suggest that this conference might properly consider its functions to be to:

- 1. Serve as an expression and symbol of unity within the profession.
- 2. Serve as a vehicle for encouraging the integration of activities in accordance with the functional concept.
- 3. Stimulate studies and planning directed toward an improved organization of the engineering profession for more effective service to society.

Consistent with these functions we offer the following problems which we believe merit the attention of the conference;

mspe stay 1 Meetings: The continuing proliferation of technical meetings is excessive. This should be studied and encouragement given to the holding of joint meetings or the elimination of duplicate coverage of topics by different groups.

2. Student Organizations: The conventional departmental boundaries in engineering schools are disappearing. The possibility of formation of interdisciplinary engineering associations on campus, with appropriate relations to the several engineering societies, should be studied.

- 3. Professional Development: The rapid growth of engineering science imposes a requirement for continued development of the young engineer following graduation. The conference can and should give great help in the implementation of the "First Five Years" program of ECPD.
- 4. Registration: Variations in state registration laws are excessive. Assistance should be given MCSHEE in the development of more uniform registration requirements and examination standards.
- Surveys: There is excessive duplication of effort in surveys. The conference should initiate a review of existing surveys, including those on salaries, with a view toward eliminating all except the best.

6. Identification: There is no formal commitment of the engineering student to a code of ethics. The conference should give its support to ECPD's efforts to establish an engineer's badge of recognition together with suitable ceremony, comparable in significance to the Canadian iron ring.

This placetias to the carried.

Public Relations: There is no generally recognized and accepted "Voice of the Engineer." The conference should guide the establishment of recognized engineering spokesmen appropriate to the particular topics.

Communication: Arrangements should be made for the establishment of effective two-way communication between the conference and the individual engineer. Appropriate channels should be set up whereby the individual engineer may make suggestions through his society to the conference on any matters of broad interest to the profession. Reports on the deliberations and accomplishments of the conference should be distributed reguarly to all constituent bodies and published in their periodicals for the information of all their members.

The above is not intended as a complete list of the responsibilities of the conference, but merely as an indication of what we consider some of the matters requiring immediate attention. There is opportunity and genuine need for a continuing and sizable program requiring substantial effort and time. Obviously, it is not reasonable to expect that the Presidents and Vice Presidents of MSPE, EJC, and ECPD, already carrying the burdens of those offices in addition to their own professional practice, will be able to devote the time and attention necessary to discharge adequately the functions of the conference without substantial assistance.

Herene

We, therefore, believe it is most necessary and desirable that the conference have additional help. For this reason we recommend that the conference be enlarged by the addition of six more members. These would consist of one representative each elected by the governing bodies of EJC, ECPD, and MSPE, to serve for terms of three years, and the secretaries of MSPE, EJC, and ECPD. The three year terms of the elected representatives and the inclusion of the secretaries will assure continuity and facilitate staff work. It is further recommended that the elected representatives serve as chairman of the conference, each in turn for one year. Initially, by agreement, the representative of one unit could serve for one year, that of another unit for two years, and the remaining one for three years; the rotation of the chairmanship would be arranged so that each representative serves as chairman during the third year of his term.

We consider it desirable to continue the program of cooperation among the Intersociety Relations Committees of our societies to further in every manner possible the improvement of the organization of the engineering profession by developing suggestions to be submitted to the conference and by undertaking studies of pertinent matters not necessarily requiring the attention of the conference. An example of the latter type

of problem, which we propose to study, is the development of a pattern to be recommended for effective cooperation among the local sections and chapters of engineering societies in the numerous population centers throughout the country in a manner which will be consistent with the overall functional concept and with the program developed and guided by the conference.

We invite and urge the Intersociety Relations Committees of all other national engineering societies to join with us in our joint deliberations.

THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS By the Council:

Date

President

AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS By the Board of Directors:

Date

Warren H. Chase, President

NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS By the Board of Directors:

Date

President

4//

Reply to: P.O.Box 1088

Research Laboratory Schenectady, New York

August 8, 1961

Mr. Warren H. Chase President of AIEE The Onio Bell Telephone Company 750 Huron Road Cleveland 15, Ohio

Bear Warren:

Problems of communications are always difficult, but right now I believe it would be most unfortunate to have serious misunderstandings between the three Inter-Society Relations Committees, i.e., for AIEE, ASME, and NSPE respectively. Walter Barrett by his letter of August 2 has described his effort to explain the AIEE position to Ron Smith. The ASME position is explained in Ron Smith's memorandum of July 31 to Garv Dyer and Walter Barrett, including a copy of a proposed agreement between AIEE, ASME, and NSPE dated June 15.

Not only does it appear that AIEE and ASME should promptly get together to clarify their positions to one another, but the NSPE position is also involved. In the latter connection, I am attaching, hereto, a copy of Garv Dyer's letter to me of August 1 in which he says that he did not know that AIEE Vice President, Mr. Carlberg, was present at the Seattle meeting of NSPE. He thinks that Mr. Carlberg very likely did not fully understand several of the actions of NSPE. He is sending a copy of the committee report of the NSPE Inter-Society Relations' Committee to Rom Smith and members of his committee, including you. This should make clear the position of NSPE.

To make sure there is mutual understanding of the positions of the three societies, it seems to me that a joint meeting of the three Inter-Society Helations Committees should be held in the mear future. I believe that the arens in which progress can now be made consists of EJC, ECPD, and NSPE and that with the plan for quarterly meetings of the presidents and vice presidents of these three societies, we have the natural makings of the Functional Plan including the informal co-ordinating council. The quarterly meetings could be the instrument for working out the division of responsibilities between the three bodies. Implementation of the division of the responsibilities could be accomplished by each of the bodies under the leadership of its president and vice president.

June 15 is quite different from this and from the memorandum of agreement which was worked on in the joint meetings of the three Inter-Society Relations Committees. One evident problem is that the Inter-Society Relations Committee of ASME desires to have a strong operating council rather than the informal coordinating council

proposed by AIEE and NSPE as an adder to the Functional Plan.

A meeting of the three Inter-Society Relations Committees on either August 16-17 or August 23-24 in New York City would be agreeable to me. These are the dates suggested by Ron Smith to the members of the ASME committee and to Gary Dyer.

Very truly yours,

TMLinville/rfp att.

cc: BR Teere, Jr.

NS Hibshman

WJ Barrett

PARTICIPATION OF THE CAMPAN CONSTRUCTION OF THE CAMPAN OF

I was very much interested in the correspondence between Warren Chase and Mr. Carlberg. I or now of the officers were ensure that Mr. Carlberg was present at our meeting. In fact, we received he would from AIRS as to whom their observer might be.

Ned we known that he was their observer, we would have metabed for him and had him seated at the table with the other observers and given him due recognition. Is a night pass this word on to Marron Chase so that in the future we will know just who the shserver is.

I am afreid that Mr. Carlborg was slightly scufused on soveral of the actions of MFR and had he been with me during the meeting. I could have straightened him out on these matters. Among, I am asking Paul Robbins to send a copy of our consists report to the members of Man Swith's consistee, which will include Marren Character this, it will be apparent to those people just ment the MAN action was

By the may, how is the sym getting cloud! Each better by how, I hope.

Sincerely years,

Garrin H. Spir, F. L. Chelisma Inter-Seciety Relations Committee

AMD/d

THE RELEASE S. August 7, 1961 Dr. B. R. Teare, Jr., Dean School of Engineering Carnegie Institute of Technology Pittsburgh 13, Pa. Dear Dick: INTERSOCIETY RELATIONS In going through our files preparatory to our move to the new building, I came across the two items enclosed here which you may not have in your file. They relate to the conversations that are now going on between AIRE and IRE. The matter of equivalent membership grades and joint Standards Committee has been resolved. I don't know the actual status of the discussions relative to closer coordination of the Student activities. It is my understanding that, having achieved the two objectives just mentioned, there has been some loss of interest in pursuing coordination any further at the present time on the part of IRE. If there is anything that this office can do to assist you in taking over the chairmanship of the Intersociety Relations Committee, please call upon us. Cordially yours, N. S. Hibshman Executive Secretary MSH. mec Encl. Cc - Mr. W. H. Chase

JR

July 5, 1961

Mr. Clarence Linder General Electric Company New York, New York

Dr. B. R. Teare Carnegie Institute of Technology Pittsburgh, Pennsylvania

Gentlemen:

Enclosed is a copy of a letter from Dr. L. V. Berkner, President of the Institute of Radio Engineers, in which he states that the meating concerning IRE-AIEE matters is considered firm.

When I hear of the time and place for this meeting, I will advise you.

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Cordially.

W. H. CHASE

President-elect

BUT THE CAY

June 12, 1961 Mr. Walter J. Barrett New Jersey Bell Telephone Co. 540 Broad Street Newark 1, N. J. Dear Walter: ASME Council is meeting this week in Los Angeles. 0. B. Schier is there. The Executive Committee meets on September 8 next. We will possibly be able to find out what happened in LA by the time we meet in Ithaca. Cordially yours, N. S. Hibshman Executive Secretary NSH .mec

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Mr. C. Linder Mr. J. Mulligan Mr. R. Kresdorn Mr. N. Hibahman

By copy of this letter you are extended an invitation to attend this meeting or send a substitute who is knowledgeable in your field of intersociety relations.

W. H. CHASE

THE OHIO BELL TELEPHONE COMPANY

750 HURON ROAD

TELEPHONE AREA CODE 216

WARREN H. CHASE

CLEVELAND IS, OHIO

May 24, 1961

TO ALL MEMBERS OF THE INTERSOCIETY RELATIONS COMMITTEE:

A meeting of the Intersociety Relations Committee will be held at the Summer General Meeting in Ithaca. Room 202 in Hollister Hall has been assigned for a meeting at 2:00 p.m. on Tuesday, June 20th.

Dr. B. R. Teare, Dean of Engineering at Carnegie Institute of Technology, has agreed to serve as Chairman of the Intersociety Relations Committee for the coming year. He is planning to be with us.

The subjects to be discussed are:

- 1. E.C.P.D. and E.J.C. matters
- 2. IRE-AIEE relationships
- 3. Status of amalgamation
- 4. Educational committee matters as they pertain to Intersociety Relations
- 5. Other matters which the members of the committee may wish to discuss

There are some problems which should have our attention. I hope that you can arrange to be with us so that any recommendations which we might formulate can be presented to the Board of Directors on June 23, 1961.

Cordially and sincerely,

Chairman

Intersociety Relations Committee

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AIME STATEMENT CONCERNING THE FUNCTIONAL PLAN

February 26, 1961

AIME does not endorse the Functional Plan since it proposes an Organizational Chart which is completely impractical to serve the needs of AIME.

On this chart as proposed by the Electrical Engineers, three "service organizations" are set up in parallel boxes - EJC, ECPD and NSPE - the first to correlate the technical fields of the engineering societies; the second to correlate the activities of the societies in the education field; and the third to handle the "professional" activities of the societies.

EJC and ECPD are organizations set up by and are responsible to the member societies, and each member society has directors on the Board of each. The member society has a voice in the activities of the "daughter" society.

NSPE does not have society members, but is a federation of state societies with individual members, and by the rules of admission of NSPE only engineers who are registered professional engineers may be members. 25% of the members in some state societies can be non-registered. By the laws of registration in many states most of our members cannot be registered since the qualifying examinations are not drawn in the fields of competence of our members. The laws in a majority of the states do not permit our geological engineers, mining engineers and petroleum engineers to be registered unless they can pass qualifying examinations for civil, mechanical or electrical engineers.

Only 1400 members of AIME belong to NSPE out of the 58,000 members of that organization, and until the registration laws are redrawn to permit more of our members to qualify for registration, the number of members of AIME who may join NSPE is not likely to increase. There are probably 3000 members of AIME registered but who have not been willing to join a state society.

AIME considers that 2.4% of the membership of NSPE made up of AIME members is too small a representation within NSPE to permit AIME to have any effective guidance in the activities of NSPE.

AIME is pleased to learn that the presidents and vice-presidents of EJC, ECPD and NSPE are meeting four times a year to discuss problems of mutual interest. Since the first two organizations have the interests of AIME in mind, these meetings are probably helpful to AIME.

April 21, 1961 Mr. W. H. Chase Ohio Bell Telephone Co. 750 Huron Road Cleveland 15, Ohio SEE-AMALGAMATION Dear Warren: I have a copy of a letter from W. Leighton Collins, the Secretary of the American Society for Engineering Education to the Executive Secretary of Engineers Council for Professional Development. It says in part: "At the April 7, 1961 meeting of the Executive Board of ASEE, the 'report of the Ad Hoc Committee on Amelgamation of ECPD and EJC' was acted upon. The action is 'after agreeing that a favorable vote meant an authorization to proceed with negotiations if they seem desirable and that any specific plan proposed by the Joint Planning Committee would have to be voted on by the Member Societies of ECFD and RIG, and after agreeing that a negative vote would mean that negotiations should be stopped, the Executive Board voted to approve the 'report of the Ad Hoc Counittee on Amelgametion of ECPD and LJC', with the preliminary understandings of the meaning of the vote being a part of the action." Professor Collins then remarks as follows: "I believe this action can be construed to mean that ASEE did not wish to abstract any appropriate planning and that an actual amalgametion or merger could not be acted upon intelligently until the detailed provisions of such an amalgametion were known." I believe this makes the score in ECPD - five yes, two no, one pending. The pending one is NCSBEE. It is my understanding that the administration of ECFD intends to open the vote to the two mowly elected constituent societies. There will then be ten constituents and seven favorable votes will mean approval. In this event, it may be necessary for AIEE to interpret the meaning of the word "unecceptable" used by the Soard of Directors in its action on this subject several years ago. Cordially yours. N. S. Htbshman Executive Secretary cc: Mr. W.J. Barrett Mr. T.M. Linville Mr. W. Scott Hill bcc: Mr. C.F. Savage

AIEE

Date

4-7-61

The attached is for your information and is self-explanatory.

File InterSociety Relations

bcc: G. H. Brown E. L. Green L. C. Holmes April 7, 1961 Mr. Hareden Fratt 2612 N. E. Seventh Street Pompano Beach. Florida Dear Mr. Fratt: inank you for your several messages during and subsequent to the IRE meeting to New York. I will write a separate letter at some later date to I'r. Haggerty with specific reference to anything which would previously have cleared through Lon Fink. The information which you kindly requested from IKE has been received, and as you will note from a copy of another letter, it will be handled in a very restricted manner. Through this Tage Croop I feel that we have the opportunity to establish relations which will enable us to work through some of the questions and problems which have caused difficulty in the past, and I welcome your cordial notes and your personal help on this. Our next question is, of course, how to make some progress on the whole student situation on which Dr. Ryder and Don Garr have made a start. Sincerely yours, WSH/mts W. Scott Hill ce: Dr. P. E. Haggerty Dr. J. D. Ryder

April 5, 1961 Professor L. J. Hollander Department of Electrical Engineering New York University University Heights 53, New York Dear Professor Hollander: After conferring with Mr. Van Ness and trying to reach Mr. Skrotski, I am submitting to you the so-called IRT school listing dated March 15. Lists of this kind are, as you know, to be very closely held, and I leave if to you to use it with appropriate precaution in your capacity as chairman of a special subcommittee reviewing schools for the AIFE Board of Examinors. Is a Sentor Member of IRE and a Member of AIEE and one who is cognition of the closer relationships we are establishing between these two organizations, you will understand the significance of this. Sincerely yours, WSH/mts ALC: UNKNOWN ec: Mr. Haraden Pratt

IRE SCHOOL LISTING

All of the following are schools of recognized standing, qualifying for regular Student membership (SGM), and formation of a Student Branch, except those marked with an asterisk(*) which qualify for Student Associate membership and formation of a Student Associate Branch.

LHOOL	CODE	SCHOOL	CODE
cademy of Aeronautics (N. Y.)	292	Auburn University (Alabama)	4
Acadia University (Canada)	238	*Augustana College (Ill.)	398
Adelaide, University of (Australia)	1	Augustana College (S. D.)	13
Adelphi College (N Y.)	2	*Bay City Junior College (Mich.)	395
Akron, University of (Ohio)	3	*Baylor University (Texas)	461
Alabama, University of	5	Berea College (Ky.)	277
Alaska, University of	6	*Birla Institute of Tech. (India)	386
Alberta, University of (Canada)	7	Birmingham, Univ. of (England)	309
American International College (Mass.)	289	Bishop's University (Canada)	244
American University (D. C)	8	Bologna University (Italy)	15
Amsterdam, City Univ. of (Netherlands)	357	Boston University (Mass.)	407
Amsterdam, Free Univ. of (Netherlands)	358	Bradley University (III.) *Brevard College (N. C.)	240 444
Antioch College (Ohio)	9	Bridgeport, University of (Conn.)	16
A.ppalachian State Teachers College (N. C.)	330	Brigham Young University (Utah)	17
Arizona State University (4-year program)	10	British Columbia, Univ. of (Canada)	18
Arizona State University	421	*Bronx Community College (N.Y.)	435
(less than 4-year program)		Brooklyn College (N. Y.)	19
Arizona, University of	11	Brooklyn Polytechnic Institute of	20
Arkansas, University of	12	*Broome Technical Community	/294
*Arlington State College (Texas)	384	Coilege (N. Y.)	

SCHOOL	CODE	SCHOOL	CODE
Brown University (R. I.)	21	Central State College (Ohio)	288
Brussels, Free Univ. of (Belgium)	360	*Central Technical Institute (Mo.)	35
Bucknell University (Pa.)	22	Chalmers Univ. of Technology	314
Buenos Aires, National University of (Argentina)	23	(Sweden) *Chicago Technical College (III.)	388
Buffalo, University of (N. Y.)	24	Chicago University of (III.)	406
Cairo, University of (Egypt)	311	Christian Brothers College (Tenn.)	335
California Institute of Technology	25	Cincinnati, University of (Ohio)	37
California State Polytechnic College (Pomona, Calif.)	295	Citadel The, (The Military College of S. C.)	352
California State Polytechnic College (San Luis Obispo, Calif.)	26	City and Guilds College of the Univ. of London (England)	38
California, University of (Berkeley)	27	*Clark University (Mass.)	451
California, Univ. of, at Los Angeles	28	Clarkson Coilege of Tech. (N. Y.)	39
California, Univ. of at Riverside	385	Clemson College (S. C.)	40
Cambridge, Univ. of (England)	.29	College of Charleston (S. C.)	405
Canisius College (N. Y.)	460	College of the Holy Cross (Mass.)	291
Capital Radio Engineering Institute	30	Colorado School of Mines	410
(D C.)	36.45	Colorado State College	42
Carleton College (Canada)	245	Colorado State University	41
Carnegie Institute of Tech. (Pa.)	31	Colorado, University of (Boulder)	43
Case Institute of Technology (Ohio)	32		305
Catholic Univ. of America (D. C.)	33	Colorado, Univ. of (Extension Div., Denver)	309
Catholic Univ. of Louvain (Belgium)	363	*Columbia College of Columbia Univ. (N. Y.)	458
Catholic Univ. of Nijmegen (Netherlands)	359	Columbia University (N. Y.)	44

SCHOOL	CODE	SCHOOL	CODE
Connecticut, University of	45	*Emory Univ. (Atlanta, Ga.)	431
Cooper Union (N. Y.)	46	Escola Nacional de Engenharia of Univ. of (Brazil)	310
Cornell University (N. Y.)	47		365
Dalhousie University (Canada)	246	Escola Politecnica da Univ. de Sao Paulo (Brazil)	303
*Dana College (Nebraska)	411	*Escola Tecnica do Exercito(Brazil)	351
Dartmouth College (N. H.)	48	Escuela Superior de Ingeniera Mecanica y Electrica (Mexico)	57
Dayton, Univ. of (Ohio)	49		247
*Dayton Technical Institute, Univ. of	455	Escuela Superior de Telecommunica- tion (Spain)	- 241
Delaware, Univ. of	50	Evansville College (Ind.)	58
Delft Technical Univ. (Netherlands)	51	*Facultad de Ciencias Exactas (Buenos Aires, Argentina)	408
Denver, Univ. of (Colorado)	52	Fairleigh Dickinson College (N. J.)	59
Detroit, Univ. of (Michigan)	53		
*De Vry Technical Institute (Ill.)	54	Fenn College (Ohio)	60
	221	*Ferris Institute (Michigan)	462.
*De Vry Technical Institute (Canada)	321	Florida Southern College	34.1
Drexel Institute of Tech. (Pa.)	55	Florida, University of	61
Duke University (N. C.)	56		
*Eastern Illinois Univ. (Ill.)	447	Fordham University (N.Y.)	2.73
		*Fort Dodge Community College	428
*Eastern Ontario Inst. of Tech. (Canada)	344	(Iowa)	
Ecole Polytechnique (Montreal, Canada)	368	Fouad Univ. (Egypt)	456
Ecole Superieure d'Electricite (France)	397	Franklin & Marshall College (Pa.)	439
Eindhoven Inst. of Tech. (Netherlands)	353	*Franklin Technical Institute (Mass.)	336
*Electronic Technical Institute (Calif.)	44.1	*Franklin University (Ohio)	248
*Electronics Institute, Inc. (Mo.)	453	Fresno State College (Calif.)	316
Eion College (N. C.)	308	Gannon College (Pa.)	62

SCHOOL	CODE	SCHOOL	CODE
George: Washington Univ. (D. C.)	63	*Houston, Sam, State College (Texas)	457
Georgetown University (D. C.)	64	Houston, Univ. of (4-year) Texas	69
Georgia Institute of Technology	65	*Houston, Univ. of (Technical Inst. Division) Texas	250
Ghent, University of (Belgium)	361	Howard University (D. C.)	70
Gonzaga Univ. (Washington)	66	Idaho, University of	71
Gottingen, Univ. of (Germany)	269	Illinois Institute of Technology	72
Groningen, Univ. of (Netherlands)	356	1	
*Hamilton Institute of Technology (Canada)	313	*Illinois, Univ. of (Navy Pier, Chicago, Ill.)	417
Hamline University (Minn.)	337	Illinois, Univ. of (Urbana, Ill.)	73
Harvard University (Mass.)	67	Imperial College, Univ. of London (England)	287
*Hastings College (Hastings, Neb.)	420	Indiana State Teachers College	319
Havana, University of (Cuba)	249	Indiana University	282
Haverford College (Pa.)	304	*Institute of Electronics (Montreal, Canada)	399
*Hawaii, Univ. of (Hawaii)	449		272
*Heald Engineering College (Calif.)	376	Instituto Superiore delle Poste e delle Telecommunicazioni (Italy)	272
*Hebrew Univ. of Jerusalem (Israel)	416	Instituto Tecnologico de Aeronautica	75
Hillyer College of the Univ. of Hartford (Conn.)	373	(Brazil)	15
Hartford (Conn.)		*Iowa State Technical Institute (Ames)	450
Hobart & William Smith Colleges (N. Y.)	275	Iowa, State Univ. of (Iowa City)	77
Hofstra College (N. Y.)	68	Iowa State Univ. of Science & Technology (Ames)	76
*Hogere Technische School voor Radioteckniek en Elektronica, Mient 499, The Hague(Netherlands)	394	Israel Institute of Technology (The Technion) Israel	278
*Hogere Technische School voor	300	John Carroll University (Ohio)	79
Werktuigbouwkunde en Elektro- techniek, Sueeubaalstraat, The Hague (Netherlands)		Johns Hopkins Univ. (Md.)	80
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SCHOOL	CODE	SCHOOL	CODE
Kansas State Univ. of Agriculture.	81	Long Island Univ. (N.Y.)	327
Kansas, University of	82	*Los Angeles Pierce College (Calif.)	429
Keio University (Japan)	83	Los Angeles State College (Calif.)	299
Kent State Univ. (Ohio)	425	*Los Angeles Valley College (Calif.) Louisiana Polytechnic Institute	375 91
Kentucky, Univ. of	84	Louisiana State University	92
*Kenyon College (Ohio)	443	Louisville, Univ. of (Ky.)	93
Kings College, Durham Univ. (England)	251	Lowell Technological Inst. (Mass.)	94
Lafayette College (Pa.)	85	Loyola College (Canada)	252
Lamar State College (Texas) LaSalle College (Pa.)	86 87	Loyola College (Md.)	293
Laval University (Canada)	88	Loyola Univ. of Los Angeles (Calif.)	95
Lawrence Institute of Technology (Michigan)	392	Ludwig-Maximilian-Universitat (Munich, Germany)	296
Leeds Univ. (B.S. Program)	339	Madras Institute of Technology (India)	253
(England) *Leeds Univ. (Diploma Program) (England)	340	Maine, University of Manchester, Univ. of (England)	96 297
Lehigh University (Pa.)	89	Manhattan College (N. Y.)	98
Leiden, Univ. of (Netherlands)	354	Manitoba, Univ. of (Canada)	99
*Lewis & Clark College (Oregon)	442	Marquette Univ. (Wisconsin)	100
Liege, Univ. of (Belgium)	362	Marshall College (W. Va.)	101
*Lincoln Inst. of Northeastern Univ. (Mass.)	436	Maryland, Univ. of	102
Lincoln Memorial University (Tenn.)	90	Massachusetts Institute of Tech.	103
Linfield College (Oregon)	367	Massachusetts, Univ. of Max Planck Institute of Chemistry	104 370
Long Beach State College (Calif.)	342	(Germany)	310
			7.5

CHOOL	CODE	SCHOOL	CODE
McGill University (Canada)	105	Montreal, Univ. of (Canada)	120
McMaster Univ. (Canada)	106	Mount Alison Univ. (Canada)	254
Memorial Univ. of Newfoundland (Canada)	107	*Harvey Mudd College (Calif.)	349
Merrimack College (B.S. Program) (Mass.)	276	Universidad Nacional de La Plata (Argentina)	255
Merrimack College (Mass.) (2-year program)	276-A	*National Chia-Tung Univ. (China) *National Technical School (Calif.)	256
Mexico, National Polytechnic Inst. of	108	National Univ. of Cuyo (Argentina)	279
Miami, Univ. of (Fla.)	109	National Univ. of Tucman (Mexico)	257
Michigan College of Mining and	110	Nebraska, Univ. of	122
Technology Michigan State University of	111	Nebraska Wesleyan University	307
Agriculture & Applied Science		Nevada, Univ. of	123
Michigan, Univ. of	112	Newark College of Engineering (N. J.)	124
Milliken Univ. (III.)	390	*New Bedford Inst. of Tech. (Mass.)	346
Milwaukee School of Engineering (Wis.)	113	New Brunswick, Univ. of (Canada)	125
Minnesota, Univ. of	114	New Hampshire, Univ. of	126
Mississippi State University	115	*New Haven College (Conn.) New Mexico State Univ.	382
Mississippi, Univ. of	116	New Mexico, Univ. of	128
Missouri, University of	117	New South Wales Univ. of Technology	
Missouri, Univ. of, School of Mines and Metallurgy	118	(Australia)	
Mohawk Valley Technical Institute (N. Y.)	243	*New York City Community College (N.Y.)	389
Monmouth College (N. J.)	345	New York, College of the City of	129
Mons Inst. of Technology (Belgium)	364	*New York Institute of Technology (N. Y.)	434
Montana State College	119	*New York Medical College (N. Y.)	414

SCHOOL	CODE	SCHOOL	CODE
*New York, State Univ. of (Alfred, N.Y.)	391	Ohio University	141
*New York, State University of (Farmingdale, N. Y.)	374	*Oklahoma City University *Oklahoma Inst. of Oklahoma State	381
New York Trade School (N. Y.)	396	Univ. (2-year Program) (Stillwater)	347
New York Univ. (N.Y.)	130	Oklahoma State Univ. (Stillwater) Oklahoma, Univ. of (Norman)	142
New York Univ. Graduate Center (Murray Hill, N. J.)	G-130	*Omaha, Municipal Univ. of (Neb.)	380
Nihon University (Japan)	131	Oregon State College	145
*Northampton College of Advanced Technology (England)	446	*Oregon Technical Institute Osaka University (Japan)	274
North Carolina State College	132	*Oshkosh Inst. of Technology (Wis.)	426
North Carolina, Univ. of	404	Ottawa, Univ. of (Canada)	147
North Dakota State College	133	Oxford, Univ. of (England)	302
North Dakota, Univ. of	134	Pacific Union College (Calif.)	148
Northeastern Univ. (Mass.)	135	Padua, Univ. of (Italy)	325
*Northern Polytechnic (England)	402	Paris, Univ. of - Sorbonne (France)	393
Northrop Inst. of Tech. (Calif.)	328	Pennsylvania Military College	149
Northwestern University (III.)	136	Pennsylvania State Univ.	150
Northwest Nazarene College (Idaho)	283	Pennsylvania, Univ. of	151
Norwich University (Vt.) *Norwood Technical College (England)	137 415	Pittsburgh, Univ. of (Pa.) *Pontificia Universidad Javeriana	152 459
Notre Dame, Univ. of (Ind.)	138	(Colombia)	207
Nova Scotia Tech. College (Canada)	258	*Port Arthur College (Texas)	383
Oberlin College (Ohio)	139	Portland State College (Oregon)	331
*Ohio College of Applied Science	338	Port land, Univ. of (Oregon)	153
Ohio Northern University	270	Princeton Univ. (N. J.)	154
Olaio State University	140	The control of the second seco	155

SCHOOL	CODE	SCHOOL	CODE
Providence College (R. I.)	156	Sacramento State College (Calif.)	170
Puerto Rico, Univ. of	157	*St. Bernardine of Siena College (N. Y)	423
Purdue University (Ind.)	158	St. Francis College (Pa.)	318
Queens College (N. Y.)	312	St. Francis Xavier Univ. (Canada)	259
Queens University (Canada)	159	St. John's College, Cambridge Univ. (England)	324
*RCA Institutes (N. Y.)	160		
*Radio Engineering Inst. (Neb.)	378	St. John's University (N.Y.)	171
*Radio Institute, Inc. (Utah)	379	St. Joseph's College (Pa.)	172
		St. Louis University (Mo.)	173
Randolph Macon College (Va.)	440	St. Mary's University of Texas	400
Reed College (Oregon)	285	*San Bernardino Valley College (Calif)	422
Reedley College (Calif.)	377		
Rensselaer Polytechnic Inst. (N. Y.)	161	San Diego State College (Calif.)	174
Rhode Island, Univ. of	162	San Francisco State College (Calif.)	437
		San Francisco, Univ. of (Calif.)	281
*Rhodes University (So. Africa)	348	San Jose State College (Calif.)	175
Rice University (Texas)	163	Santa Clara, University of (Calif.)	176
Richmond, University of (Va.)	372	7 2	
*Rochester Inst. of Technology (N. Y.)	237	*Santa Monica City College (Calif.)	452
Rochester, University of (N. Y.)	164	Saskatchewan, Univ. of (Canada)	177
		*Scranton, Univ. of (Pa.)	448
Rockford College (III.)	315	Seattle University (Wash.)	178
Rome, University of (Italy)	403		329
Rose Polytechnic Institute (Ind.)	165	Seton Hall University (N. J.)	
Royal Melbourne Technical College	306	Sheffield Univ. (England)	430
(Australia)		Sherbrooke, Univ. of (Canada)	366
Royal Military College of Canada	166	*Sinclair College (Ohio)	454
Royal Technical Univ. of Denmark	167	Sir George Williams College (Canada)	179
Rutgers State Univ. (N. J.)	168	South Carolina, University of	180
*Ryerson Inst. of Tech. (Canada)	169	South Dakota School of Mines & Tech.	181

SCHOOL	CODE	SCHOOL	CODE
South Dakota State College	182	Technische Hochschule Rheinisch Westfalisch (Germany)	266
*Southern Alberta Inst. Technology, The (Canada)	301	Technische Hochschule Stuttgart (Germany)	267
Southern California, Univ. of	183		
Southern Methodist Univ. (Texas)	184	Technische Hochschule Wien (Austria)	369
*Southern Technical Institute(Ga.)	185	Technische Universität, Berlin-	261
Sout western Louisiana, Univ. of	241	WTown In Tanhainal Institute (De)	424
Southwestern at Memphis (Tenn.)	371	*Temple Technical Institute (Pa.)	464
*Springfield Junior College (Ill.)	387	Temple University (Pa.)	192
-Springheid damer Contege (in.)	361	Tennessee Agricultural & Industrial	271
Spring Hill College (Ala.)	186	State University	
Stanford University (Calif.)	187	Tennessee Polytechnic Institute	412
State Technical Institute (Conn.)	320	Tennessee, University of	193
State Univ. of New York(Syracuse)	284	Texas, Agricultural & Mechanical College of	19-6
Stevens Institute of Tech. (N. J.)	188	Town Chairman Halandan	
Swarthmore College (Pa.)	189	Texas Christian University	334
Swiss Federal Institute of Tech	240	Texas College of Arts & Industries	195
(Switzerland)	260	Texas Technological College	196
Syracuse University (N. Y.)	190	Texas, University of	197
Tampa, University (Fla.)	343	Texas Western College	198
Technische Hochschule Carolo	262	Tohoku University (Japan)	199
Wilhelmina, Zu Braunschweig (Germany)		Tokyo, University of (Japan)	200
Technische Hochschule Darmstadt (Germany)	263	Toledo, University of (Ohio)	201
	1000	Toronto, University of (Canada)	20E
Technische Hochschule Fridericiana Karlsruhe (Germany)	264	Trieste, University of (Italy)	4)5
Technishe Hochschule Hannover (Germany)	265	*Tri-State College (Ind.)	328
		Tufts University (Mass.)	283
Technische Hochschule Muenchen (Germany)	191	Tulane University (La.)	804

ection	CODE	SCHOOL	CURE
Tales, University of (Chia.)	205	Virginia, University of	-
Water College (N. Y.)	206	Wagner Lutheran College (N. Y.)	243
0. 8. Air Force Inst. of Tech. (Ohio)	333	Wake Forest College (N. C.)	
50.8 Military Academy (N. Y.)	445	Waseda University (Japan)	401
U.S. Naval Academy (Md.)	207	Washington & Lee Univ. (Va.)	
U.S. Naval Postgraduate School (Calif.)	208	Washington, State College of	22.7
Universidad Distritai Francisco Jose	433	Washington University (Mo.)	223
Wolversidad Tecnica Federico	432	Washington, University of (Seattle)	
Danta Maria (Chile)		*Waterloo, Univ. of (Canada)	110
University College of the National Univ.	427	Wayne State University (Mich.)	2.1
AND ARTHUR DESCRIPTION OF THE PROPERTY.	200	*Wentworth Institute (Mass.)	
University College of North Wales (Wales)	280	Wesleyan University (Conn.)	
Upsals College (N. J.)	211	Western Michigan University	20
Class State Univ. of Agriculture & Applied Science	209	*Western Ontario Inst. of Technology (Windsor, Canada)	
University of	210	Western Ontario, Univ. of (Canada)	2.00
Utica College, Syracuse Univ. (N Y.)	212	*West Virginia Inst. of Technology	
Circuit, Univ. of (Netherlands)	355	West Virginia University	428
Wainaraiso Technical Inst. (Ind.)	213	Wichita, Univ. of (Kansas)	230.
Valparaiso University (Ind.)	214	Williams College (Mass.)	317
Vanderbilt University (Tenn.)	215	Wisconsin, University of	2)1
•Ventura College (California)	418	Witwatersrand, Univ. of (So. Africa)	268
Varmont, Univ. of	216	Worcester Polytechnic Inst. (Mass.)	232
Villanova University (Pa.)	217	Wyoming, University of	234
Virginia Military Institute	218	Yale University (Conn.)	235
Virginia Polytechnic Institute	219	*Yale University School of Medicine (Conn.)	419
Committee of the second	MAN SELECT	Youngstown University (Ohio)	236



AMERICAN INSTITUTE of ELECTRICAL ENGINEERS

(HEADQUARTERS: 33 WEST THERTY-NENTH STREET, NEW YORK 18, N. Y.)

WARREN H. CHARL, Fice-President
The Ohio Bell Telephone Company
750 Huron Road
Cleveland 15, Ohio

DISTRICT No. 14

KIMBALL L. WHEELER, Secretary
The Cleveland Electric Illuminating Co.
P. O. Box 5000
Cleveland 1, Ohio

Address Reply to

February 20, 1961

TO ALL MEMBERS OF THE INTERSOCIETY RELATIONS COMMITTEE

To keep you informed, attached is a notice of a meeting of E.C.P.D. which involves the representatives of the Education Committees of the participating bodies. This meeting is to be held on March 15th in New York. You will see at the bottom of the notice a suggested agenda for the meeting. If any of you wish to attend, I know that you will be welcome.

Cordially yours,

Chairman -

Intersociety Relations Committee

Warren Chase

MEMORANDUM TO: The Representatives of the following Societies:

Mr. Clarence Ax

The American Society of Civil Engineers

Dean George Branigan

The National Council of State Boards of Engineering Examiners

Dr. Newman Hall

The American Society for Engineering Education

Dr. Arthur Porter

The Engineering Institute of Canada

Dr. Karl McEachron

The American Institute of Electrical Engineers

Dr. Newman Hall

The American Society of Mechanical Engineers

Dean James D. Forrester, Dr. E. T. Guerrero,

Professor M.E. Nicholson, Jr., Dean Truman H. Kuhn

The American Institute of Mining, Metallurgical, and Petroleum Engineers, Inc.

Dr. J. Henry Rushton

The American Institute of Chemical Engineers

Dr. R. M. King

The National Institute of Ceramic Engineers

Dean R. M. Lohmann

The Institute of Industrial Engineers

Professor L. W. Hurlbut

American Society of Agricultural Engineers

Dr. T. P. Wright

Institute of Aerospace Sciences

Professor Wilbur Parks

National Society of Professional Engineers

The Engineers! Council for Professional Development has been asked to have a meeting of the representatives of the Education Committees of the participating bodies of ECPD and other societies interested in the education and accreditation of curricula in various areas of engineering. You have been designated by your Society as the appropriate person to attend such a meeting. Attached to this memo, you will find a list of topics for possible discussion for the meeting.

I would like to call the meeting for 2:00 p.m. on Wednesday, March 15, in New York, at the Engineering Societies Building, 29 West 39th Street, in a room to be announced later.

Will you please advise me promptly if (a) you can attend personally, or (b) if you can designate someone else to attend for you at that time. We would like to have a representative from the Education Committee of each of the societies mentioned if this is at all possible.

Sincerely,

cc - Secretary of the various Societies listed

Dean W. L. Everitt

Miss Elsie Murray

S/ R. A. Morgen

Ralph A. Morgen Vice President of ECPD

Proposed Topics for Discussion at the Meeting of the Representatives of the Education Committees of the various Engineering Societies, 2:00 p.m., Wednesday, March 15, 1961, Engineering Societies Building, 29 West 39th Street, New York, New York.

- 1. General trends in Engineering Education. How far should the trend go towards a common curriculum in the undergraduate curricula with specialization being reserved for later than the first degree?
- 2. How are inspectors selected for participation in the work of the Committee on Education and Accreditation of ECPD? Should there be a more uniform method of selecting such people?
- What should be the responsibility of the Education and Accreditation Committee of ECPD toward "inculcating the professional concept as part of the academic training". It has been suffetted that this is an area in which the engineering curricula are weak compared to the professions of medicine and law.
- 4. An exploration towards a delineation of responsibility between ECPD and its Committee on Education and Accreditation on the one hand, and the Education Committees of the various participating bodies on the other hand.
- 5. Any other topics which the representatives of the Education Committees of the various participating bodies would like to raise.

S/ R. A. Morgen

Ralph A. Morgen Vice President of ECPD

January 23, 1961

Mr. Warren H. Chase Ohio Bell Telephone Company 750 Huron Road Cleveland 15, Ohio

IRC MINUTES 1/20/61

Dear Warren:

Enclosed is a draft of Minutes of your Meeting of January 20, 1961 which, in view of the fact that I am not a member of your committee nor, indeed, am I the Secretary of it, I think you should approve before circulation.

Speaking of Secretaries and the like, when your committee is reorganized with three new members next August and the new Chairman is designated. I wonder if it would be possible to designate one of the members of the committee as its Secretary. This is the first meeting of the committee that I have ever attended and I feel rather sure that some members of the committee would prefer that the "paid help" should not participate in the discussion of these matters.

In fact, I somehow doubt that there needs to be Minutes of these meetings because its actions are essentially in the form of recommendations to the Board which are ultimately preserved in the records of the Board itself. Much of the discussion probably should not be recorded because it is delicate diplomatic material. I don't know whether Minutes have been kept in the past or, if so, who kept them.

Will you please look over these Minutes and if you have additions, corrections, or comments, give them to me on the telephone. It is my assumption that in view of the small turn-out, you will want to have these circulated to the committee and possibly to the others who were invited to be at the meeting. If I am not at my desk when you call, Mrs. Werkmeister will have the other copy of this draft and will make the necessary corrections and proceed to get out the Minutes in accordance with your desires.

I have had another thought about this business of Minutes of the Intersociety Relations Committee. Maybe you would want to have rather complete Minutes and circulate them not only to the members of the Committee but also to the EJC and ECPD representatives and others in the intersociety relations field who might find them useful. However, you might decide that the Minutes themselves would

Mr. Warren H. Chase, January 23, 1961, Page 2.

not be suitable for such purpose but that there ought to be a sort of "Information Letter" to those people if there is anything of significance to convey to them.

Putting this thought together with one or two expressed in earlier paragraphs, leads me to say that probably what is most needed is an "Information Letter" to all of the officers and Section Chairmen and others active in the Institute covering the work of the Board of Directors and the Executive Committee and other decision—making bodies. Actually, I suppose this really should be a special page in ELECTRICAL ENGINEERING each month. It might at least induce more of the officers and committee men around the country to open the book and look into it which some of them actually boast that they never do, while others inadvertently reveal the fact in many questions that they ask.

You are beginning to find out early that one of the burdens of the AIEE Presidency is the reading of the Secretary's letters.

I hope you made a good plane connection to get home.

Cordially yours,

N. S. Hibshman Executive Secretary

NSH:epw Encl.

(Emblem)

| Minutes |
| Intersociety relations committee |
| Meeting January 00

INTERSOCIETY RELATIONS COMMITTEE Meeting January 20, 1961 9:30 A.M. AIEE Headquarters 33 W. 39th St. N.Y. 18, N.Y.

This meeting was held on the morning following the EJC Annual Meeting. 1961 EJC Board Representatives and ECPD Council members were invited. Attendance was influenced by travel difficulties resulting from the combined affects of a transportation strike and a blizzard. PRESENT: IRC Members - W. H. Chase, Chairman; W. Scott Hill, C. F. Hochgesang, A. A. Johnson. EJC Representatives - C. E. Gaylord.

President C. H. Linder joined the committee for lunch. Secretary N. S. Hibshman was present on invitation of the Chairman PURPOSE AND PROCEDURE - The purpose of the meeting was to review progress of the several projects in which the committee is engaged and to prepare recommendations for action by the Executive Committee and the Board of Directors meetings January 27 and February 3, respectively. The Agenda, as distributed with the call to the meeting December 22, 1960, was followed. Where action is recorded it was taken by unanimous vote of those present.

1.0 SECTION MEETINGS ON "ORGANIZING THE ENGINEERING PROFESSION..."

The Secretary's office provided a tabular summary of the voting reported by 54 Sections and 22 Subsections which held meetings to discuss the topic "Organizing the Engineering Profession to Achieve Unity" and by specific ballot to get an expression of member preference among the various plans and policies presented. The report has been distributed to the Board as an attachment to the Agenda for its meeting of February 3, 1961. The Committee received the report for inclusion in its minutes and for presentation to the Board of Directors. A copy of this report and

a report of the Section meetings held prior to the ballot distribution are attached to these Minutes.

2.0 ECPD, EJC, NSPE OFFICER CONFERENCES

Chairman Chase reported that the meetings of the Presidents and Vice-Presidents of ECPD, EJC and NSPE, as suggested by the "President's Task Force" and authorized by the three bodies, have been held with apparently promising results in line with the AIEE objectives for intersociety cooperation.

3.0 INTERSOCIETY RELATIONS CONFERENCES

Mr. Chase reported that a series of informal conferences involving Intersociety Relations Committee representatives of ASME, AIEE and NSPE and other Founder Society officers had been held in an effort to develop a better understanding and acceptance of the Functional Plan principles. Definite progress could not be evaluated, but an improved climate generally noted at the EJC Assembly may be in part the result of these efforts.

It was the consensus of the Committee that continuing contact among the Intersociety Relations Committees of the Founder Societies would be desirable.

4.0 AMENDMENT OF ECPD CHARTER AND RULES

Mr. Hill, AIEE Representative on ECPD Council and Executive Committee, explained the purposes of the proposed amendments to the ECPD Charter and Rules. These are for the purpose of defining the classes of members and criteria for membership in ECPD. There are to be two classes of members: Technical Society Members and Sustaining Members. Including proposed additions to the present membership, the two classes would be as follows:

Technical ASCE EIC AIME ASEE ASME NCSBEE AIEE NSPE (Proposed) AICHE IAeS (Proposed) IRE (Proposed)

Technical and Sustaining members have similar and equal powers, responsibilities, and obligations, except with regard to the Education and Accrediting Committee, representation on which is limited to Technical Societies.

The Intersociety Relations Committee was informed that the proposed ECPD Charter amendments did not have the approval of legal counsel. The Committee

VOTED to recommend to the Executive Committee, at its meeting of January 27, 1961, that AIEE approve the proposed amendments to the ECPD Charter and Rules.

The proposed ECPD "Charter and Rules," as amended, was distributed to the members of the Intersociety Relations Committee prior to its meeting.

5.0 ECPD MEMBERSHIP APPLICATIONS, IAeS, IRE, NSPE

In 1957, IAeS, IRE, and NSPE applied for membership in ECPD. Several ballots were taken which failed to achieve the necessary two-thirds (6) favorable majority for admission. Several societies have taken the position that new members of ECPD should at the same time join EJC. Others felt that the election of new members should await the establishment of criteria in the Charter and Rules. After having voted favorably on these candidates several times, AIEE decided to withdraw its vote and await the adoption of a new Charter including membership criteria. Whether the applications of the three organiza-

membership, under the amended Charter, is not essentially different, but Sustaining membership is different from the type of membership for which NSPE applied four years ago. It is not now known, but it is assumed, that the change in status will be acceptable also to the present members; EIC, ASEE, and NCSBEE.

The opinion was expressed that the major consideration, so far as AIEE is concerned, has to do with the desirability of accelerating the coordination of AIEE and IRE policies and activities, especially in educational matters, since through ECPD the two Institutes will be sharing responsibility for important decisions respecting electrical engineering education.

After extended discussion, it was

VOTED to recommend to the Executive Committee at its meeting of January 27, 1961 that AIEE approve the admission of IAeS and IRE to membership in ECPD.

It was also,

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It was also the opinion of some members of the Committee that such membership of NSPE in other bodies tends to complicate the intersociety organization pattern in the same way that amalgamation of EJC and ECPD would tend to do.

6.0 ECPD-EJC AMALGAMATION

VOTED to recommend to the Executive Committee meeting of January 27, 1961 that AIEE respond to the request for approval "in principle" of the merger of ECPD and EJC by a reaffirmation of AIEE's position that such an amalgamation "is not acceptable."

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7.1) Membership Interchange. The Board will be asked at its meeting of February 3, 1961 to rule on the interpretation of B40.010e in such a way as to support the view of the Board of Examiners that this Bylaw should not be used as a device to avoid the prescribed fee and procedure for transferring in grade as an AIEE member.

Opinion was divided in the Committee. The agreement with IRE was intended to apply to admission. Some members of the Committee took the view that equalization of grades should be achieved only by due process in AIEE and that any effort to avoid the process by resignation and readmission should be resisted. Others felt that automatic transfer on the strength of the IRE grade should be provided for as a logical corollary of the admission policy and that, in the absence of such provision, the device of resigning and rejoining should be accepted although not encouraged.

- Joint Standards Committee. The arrangement appears to be working out well. IRE added a non-voting Board liaison person to the Joint Committee. AIEE appointed Mr. Hendley Blackmon to serve in this capacity without increasing the committee membership.
- 7.3) Student Branch Cooperation. A special joint committee is holding discussions in this field. Progress is not yet notable. IRE has reservations about entering into a single branch arrangement without

society identification of members.

8.0 PROMOTION OF NSPE MEMBERSHIP

A proposal was heard to undertake an active campaign with booths at AIEE meetings to persuade AIEE members who qualify to join NSPE.

CONSENSUS was that the suggestion be tabled until the EJC,

ECPD and general intersociety relations are somewhat more clarified, when several Founder Societies might undertake it on a reciprocal basis with NSPE, not all of whose members are at present technical society members.

9.0 AMERICAN MATERIAL HANDLING SOCIETY

A suggestion that AIEE join with AMHS in meeting programs was tabled for exploration by TOD and ASME.

NSH:epw 1/23/61

AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS

33 WEST THIRTY-NINTH STREET
NEW YORK 18, N.Y.

Montana, Jan. 20, 196

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TELEPHONE PENNSYLVANIA 6-9220
CABLE CYANDRIC

December 22, 1960

Society Representantives

To the Intersociety Relations

Committee and Interested Officers

of AIEE

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MEETING JANUARY 20, 1961 AIEE HEADQUARTERS 9:30 A.M.

Gentlemen:

Your Chairman, Mr. W. H. Chase, after a canvass of your preferences, has called your meeting for Friday, January 20, 1961, 9:30 a.m. in the Board Room at AIEE Headquarters on the tenth floor of 33 West 39th Street, New York City. This is the day following the EJC Annual Meeting.

Because of anticipated developments at the EJC Assembly on the 19th, Mr. Chase is by this notice inviting 1961 EJC Representatives and Alternates and ECPD Council Members to meet with the Intersociety Relations Committee on the 20th.

The Agenda on the back of this sheet will include items on which recommendations will be expected by the Board of Directors at the Winter General Meeting.

Cordially yours,

N. S. Hibshman Executive Secretary

NSH:epw

cc: Mr. C. H. Linder

Mr. B. G. A. Skrotzki

(over)

INTERSOCIETY RELATIONS COMMITTEE Meeting, Jan. 20, 1961

WENCAN INSTITUTE OF ELECTRICAL ENGINEERS:

AGENDA

- 1.0) Review of Section Meetings on Functional Plan
- 2.0) Review of Progress in ECPD, EJC, NSPE Relations Through Officer Conferences
- 3.0) Review of Discussions with ASME, NSPE, and Other Founder Society Representatives
- 4.0) Consideration of ECPD Amended Charter and Rules (Copies previously mailed to IRC and here enclosed for others)

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the Minter Control Biret Inc.

Mr. S. G. A. Skrotnick

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which recommendations will be expected by the

- 5.0) Membership Applications for ECPD by NSPE, IRE, IAeS.
- 6.0) Amalgamation of EJC and ECPD.
- 7.0) AIEE-IRE Relations
 - 7.1) Membership Interchange and and analysis of the state of the state
 - 7.2) Joint Standards Committee
 - 7.3) Student Branch Cooperation

N. S. Wibshame Encutive Secretary

8.0) Promotion of NSPE Membership at AIEE Meetings

(over)



MINUTES

INTERSOCIETY RELATIONS COMMITTEE
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AIEE Headquarters 33 W. 39th St. N.Y. 18, N.Y.

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NSH: epw 1/25/61

Mr. Hibshwan

NOTES FOR INTERSOCIETY RELATIONS COMMITTEE MEETING ON JANUARY 20, 1961

CONSIDERATIONS AFFECTING ORGANIZATION PLAN FOR THE ENGINEERING PROFESSION

My letter of 12/22/60 to Messrs. Hendley Blackmon and W. H. Chase included the following comments on the minutes of the EJC Planning Committee on November 17 and that of the EJC Board of Directors on November 18.

"Intersociety Relations

"Referring to the third paragraph under this heading in the Planning Committee minutes, I was the 'individual' who said that adoption of the EJC-ECPD Amalgamation Plan would be incompatible with the Functional Plan. Chairman Holbrook took strong exception to my opinion. Although not specifically covered in the minutes, my notes show that Dr. Holbrook stated that EJC and ECPD could merge, without incorporation, and still retain their present separate identities and activities. If I understood him correctly, he said that this merger would not interfere with NSPE continuing to handle its present activities in the professional field. He also remarked that NSPE was trying to get into ECPD for the purpose of influencing curricula and was establishing Student Branches for this same reason.

"The remarks made by President Kinzel at the EJC Board Meeting, as reported in the first three paragraphs on page 4 of these minutes, would seem to substantiate the statements made in the Planning Committee minutes, in regard to the EJC-ECPD Amalgamation Plan not necessarily being incompatible with the Functional Plan. Incidentally, the notes which I made at the latter meeting show that President Kinzel was somewhat more specific in this respect than reported in the minutes."

Based on the statements made in these EJC minutes, as well as unrecorded comments made by Chairman Holbrook during the Planning Committee Meeting, I believe it can be concluded (at least I am convinced) that EJC is now making a sincere effort to confine itself to technical activities of joint interest to the member societies. Tax considerations alone would seem to dictate this policy.

This raises the question of how professional activities would be handled in the event of an EJC-ECPD Amalgamation. Perhaps I have overlooked something, but the only answer I can see is that NSPE would continue its present functions and responsibilities in this field. If I am correct, does it then follow that Messrs. Holbrook and Kinzel are right in claiming that the Amalgamation Plan is not incompatible with the Functional Plan, and that adoption of the former would not prevent subsequent adoption of the latter?

If NSPE is not going to have any additional competition in the professional field, regardless of which organization plan is adopted, will it feel any compulsion to change its policy of refusing to admit qualified non-registered engineers to national membership? Of course, NSPE might conclude that it would be losing ground in case the Amalgamation Plan was adopted and therefore make some concessions toward the Functional Plan for this reason.

These are some of the questions which I think should be thoroughly evaluated by the AIRE Intersociety Relations Committee and the Board of Directors in any re-examination of the methods of implementing our Intersociety Relations policy.

I can add that I had a quite brief and informal discussion with Mr. Noah Hull, NSPE President, and Mr. Paul Robbins, NSPE Executive Secretary, during the Hoover Award Dinner in Washington on January 10. The gist of Mr. Robbins' comments on admitting qualified non-registered engineers to National NSPE membership, as I understood him, was that it would pose a difficult problem to arrive at an adequate definition of a "Professional Engineer", except by registration. I mentioned the possibility of Members and Fellows of the founder societies as a criterion, but Mr. Robbins said that these requirements were not uniform.

C. T. Pearce, Chairman & Director General Administration Department

1/18/61

WATER THE TANK OF THE PARTY OF

January 16, 1961

Mr. W. H. Chase Ohio Bell Telephone Company 750 Huron Road Cleveland 15, Ohio

INTERSOCIETY RELATIONS January 20, 27; Feb. 3

Dear Warren:

You have by now received the Agenda for the meetings of the Executive Committee, January 27, and of the Board of Directors, February 3. These Agenda include a number of items on which I imagine the recommendations of the Intersociety Relations Committee will be desirable. Probably, you will want to review all of these items as a part of the Agenda of your meeting of the Intersociety Relations Committee on January 20. The following comments may, therefore, be of interest to you:

First of all, let me say that on the Board Agenda, I find that we did not succeed in carrying out your request to have the Intersociety Relations business held until the end of that Agenda. Part of the reason is that we had already made up Attachments and duplicated them in a way that keyed them in with Item 5 of the Board Agenda. In the rush, we did not find it convenient to make the changes necessary. To some extent, I guess, we forgot until it was rather difficult. However, President Linder has agreed to hold this item until the most appropriate time which seems to be after lunch on February 3. The timing of this item is related to the remark that it is expected will be made by the President of IRE at the Board luncheon where he has agreed to be a guest and to speak. Now, as to the Executive Committee items:

7.1) The Executive Committee will have before it, according to this Agenda, the approval of the revision of the ECPD Charter and Rules. The most significant amendments to the Charter that we approved on October 16, 1959 have to do with the admission of new members. According to my reading of the amended Charter and Rules, the admission of such new members will depend on approval by two-thirds of the Boards of the Participating Bodies, as at present. There are to be two classes of members between which I recognize no distinction except that Sustaining Members are not to be represented on the Education and Accreditation Committee of ECPD. For present purposes, this would appear to rule out only NSPE. There is, of course, the question as to whether NSPE should be a part of ECPD under the Functional Plan. I believe it is stated somewhere and generally accepted as AIEE interpretation of Functional Plan that the three arms of that plan should not be inter-related by mutual

membership. The other consideration with which AIEE has had experience is that the admission of individuals or organizations with limited privileges leads to early dissatisfaction and ultimate revision of the organization. I believe it still remains the position of some of the constituent bodies of ECPD that admission to ECPD should be accompanied by simultaneous admission to EJC. I am also struck by the statement that in the case of the Sustaining Members, special criteria are to be designed by the Executive Committee of ECPD to be used by the Admissions Committee after receipt of the application. This, it seems to me, calls for explanation which, no doubt, you or Scott Hill will be able to furnish to the Executive Committee of AIEE.

With regard to the Technical Society Members, it would seem to be helpful in considering the application of IRE, just what the future relations of our two organizations are going to be. As a Technical Society, IRE will be represented on the Education and Accreditation Committee and apparently share with AIRE major responsibility for the accrediting of Electrical Engineering curricula. This brings the two Institutes into very close relations in a very important field. AIRB may have the deciding vote on this matter and it would seem to me to be helpful to know something about the prospects for cooperation. Again, as in the case of setting up Joint Branches and in the recognition of membership equivalent, AIEE has something to grant that IRE apparently wants. Having entered into the Joint Branch Program with relatively superficial understandings as to cooperation, AIRE has found the arrangement not particularly advantageous. The question that your Intersociety Relations Committee might honotdedohoatha do with the effects of this new move and whether or not it should be made a part of the discussions still continuing with IRE in connection with our Student Member and Student Branch program. I am expressing no opposition to cooperation with IRE; I am only repeating what I have said on numerous previous occasions which is that I hope we can see far enough down the road to know where these steps are leading. Our objective has been repeatedly announced as ultimate merger. It will be interesting to see what President McFarland of IRE has to say on this subject on February 3.

I have gotten considerably shead of my subject here which is the revision of the Charter. I said a good deal that really belongs under 7.3. However, we all understand that this Charter is being revised specifically for the purpose of admitting these three organizations. The first effort to admit them goes back quite a way. AIEE approved all three at least twice and I guess the NSPE three times, and then we decided, as you will see in the Board Minutes of August 21, 1958, this ballot should not be held open indefinitely but that criteria should be established and approved before the matter was brought up again. Here we have an amended Charter up for vote which offers something in the way of criteria although in one instance, it is

somewhat open-ended. In any event, it would seem that simultaneous action on the amended Charter and the admission of new Societies would not be necessary. We do not know what action the other Participating Bodies will take on the Charter or what further amendments or reservations may be added. Possibly a vote on the admission of new Societies should await the actual adoption of the new Charter which I believe is the intention of one or two other Participating Bodies.

- 7.2) As you know, ASME has definitely instructed its delegates to reject the Amalgamation Plan. In discussion of the matter with the Secretary of ECPD recently, he expressed the opinion that the Amalgamation Plan is dead since it is assumed that NCSBEE will reject it and that AIEE will confirm its previous action. What is before us, of course, is nothing like final action on the matter but merely a sort of straw vote to be taken on the general principle, assuming that tax problems and organizational problems can be successfully solved. However, our position was, I think based on principle and not on details which are to be set aside in this expression of opinion. For the record, it might be desirable for AIEE to take action.
- 7.3) On this matter of the admission of the three applying Societies, I have already raised all the questions that I can think of. I do not know definitely whether NSPE is still interested. It seems to me that I have heard that they had withdrawn their application or at least had lost interest in pressing it. If they accept the Functional Plan in all of its implications, it would seem to me that they could not consistently seek membership in ECPD. I sm not aware that IAS is urgently interested either. I would assume that the pressure for early acceptance is largely limited to IRE through the present President of ECPD. There are real advantages to ECPD to be gained by this expansion of its membership. It gives them large and well-heeled sources of additional revenue. It does, however, bring into the picture organizations with avowed serious limitations on their participation in "professional" matters. In the case of ECPD, it brings into the organization on a limited basis a group that has very definite interests on the college campus which AIEE, at one time at least, felt undesirable. ECPD at one time was devoted and committed to the proposition that all teachers of engineering should be registered as licensed professional engineers. The idea still crops up from time to time in the articles in the AMERICAN ENGINEER. How long ECPD would be willing to stay outside of the E & A Committee where it could bring its influence to bear in this connection, is a serious question. Whether ECPD could withstand the arguments against the inclusion of "second-class citizens" very long is equally questionable.

Again, I am not recommending or advising against anything; only suggesting that AIEE recognize that it has interests of its own in this connection which should not be totally ignored.

With regard to the meeting of the Board of Directors on February 3, we have three items as follows:

- 5.1) You and the other Board members of the Intersociety Relations Committee have the tabulations prepared by my office on the basis of which very possibly your committee will wish to make a comprehensive report. Until we had the thing ready, it seemed not worthwhile to try to mail it to the members of the Intersociety Relations Committee who might not receive it before coming to the meeting. It will therefore be put on the table at the meeting.
- 5.2) On this item, it would seem to me that the Board of Directors would went to hear a brief report on the progress of coordination with IRE and particularly the prospects of the student committees arriving at some new and more efficient basis of operation. It would seem to me a shame that these two Institutes should be occupying the position of influence and authority that goes with membership in ECPD and representation on its Education and Accrediting Committee while competing, sometimes in a rather unseemly way, for the attention and membership of the undergraduate student. If our service to ECPD is to be fully effective and respected as it should be, every effort should be made to avoid other areas of difference in the academic world. If we are both to be identified with ECPD accrediting, it would be consistent if we both recognize similar standards for the formation of Branches and the acceptance of new members. To cite one illustration, there should be thorough agreement between the two Institutes as to what constitutes an acceptable curriculum in electrical engineering so that a Department Head anticipating an inspection would not have to feel that his chances were influenced by whether the particular inspector happened to be a member of AIEE or IRE or both. This is rather far-fetched, of course, but I do think that this prospect of common membership in ECPD does place an additional urgency upon the cooperation that we are seeking.
- 5.3) As for EJC, I dere say that we will know a great deal more about that after the 1961 Assembly on January 19. The Intersociety Relations Committee may wish to convey to the Board of Directors its appraisal of that meeting.

There is another matter that is somewhat troublesome to me with relation to EJC particularly, and that is the scattered responsibility for generating committee nominations to that Body. GAD advises with respect to the Representatives and Alternates. TOD is undertaking to recommend with respect to number of committee appointments in EJC. Other important considerations in EJC such as the selection of the AIEE representative on the Executive Committee of EJC has no particular point of origin. There are undoubtedly some EJC committees in which the PDR Department and the Publications Department might claim an interest. Possibly, if EJC can be persuaded to devote itself entirely to technical matters, the question would be solved by turning our representation ever to TOD. Speaking of PDR, the Board of Examiners has always named the Local Honorary

Secretary in other countries. In some instances, the advice of the engineering body in that country, such as the IEE in London, has been sought in making these appointments. In other cases, they have come about through the recommendation of the retiring Local Honorary Secretary; in some instances, they have been based on personal knowledge as to a responsible and willing individual residing in the country in question. Within my own experience, we have not created a new office in this field. We are now requested to consider placing an Honorary Secretary in France. PDR will bring the matter to the attention of the Executive Committee under Item 6.4 on January 27 - I assume. PDR might, on the other hand, decide it wants to consider it at its meeting during the WCM, in which case it would not be ready before the Board meeting at which time there might be no opportunity.

Speaking of the Board Meeting, it is to be hoped that the business of the Board can be gotten through pretty much before lunch, reserving only the Intersociety Relations problem insofar as it is related to IRE for the afternoon session where the considerations might be influenced by the remarks of the IRE President at lunch. Consequently, it is to be hoped that all the business that comes to the Board will be suitably streamlined so as to provide time for further discussion of matters of broad policy initiated by the President at Chicago in October and summarized in the two publications which have been circulated to the Board of Directors under the titles of "AIEE 1960-1961" and "Climate for AIEE." I would guess that the Intersociety Relations Committee would find a good deal of interest in this whole discussion also.

In looking back over the record, I find a statement of "Intersociety Relations Policy" as Attachment II of the Board of Directors Meeting of October 10, 1960. This is the document which, until amended, I would think would be well to keep handy for reference.

I think I sent you a set of the "Minutes of the Committee of the Whole" on Intersociety Relations for the meeting which took place in San Francisco on June 28, 1956. There is a good deal in that related both to "Intra-Professional Relations (AIRE-IRE)" as well as Intersociety Relations. Apparently in the thinking at that time, we considered Intersociety Relations to have to do with BJC, NSPE and ECPD while we considered IRE in a separate category.

Speaking of the report on "Organizing the Engineering Profession to Achieve Unity", Tim Linville will not be able to be at the Intersociety Relations Committee Meeting. Possibly he has told you this. He had a rather serious eye operation which is going to, at least partially, immobilize him for a while. I hope that he can use his one good eye to scan the tabulation of the ballots as received and make any comment on it for the edification of the Intersociety Relations Committee that may occur to him. As you know, we had

Mr. W. H. Chase, January 16, 1961, Page 6.

previously reported on returns from a number of these Sections and Subsections which held their meetings prior to the issuance of the questionnaire which yielded the figures on the present report. These previous reports will be available for the scrutiny of the committee on January 20. Also, the files which contain the original reports, and sometimes interesting comments relative to the program of the meeting.

I had an interesting comment from the Secretary of one of the Founder Societies the other day, in which he said that he feels the Functional Plan is already in operation and any further opposition to it is useless. He did not pretend to be happy about it but he did appear to be resigned. Whether or not this is true, may become more evident at the January 19 Assembly of EJC. The returns from the EJC Delegates and from your committee to the President's appeal for suggestions for practical concrete things that EJC could do was rather disappointing. However, I believe the President feels that he has enough ammunition for this preliminary presentation.

I started to dictate this for airplane reading on your part but I t doubt now that the flight from Cleveland is long enough for you to get to the end of it.

Cordially yours,

N S. Hibshman Executive Secretary

NSH: epw

cc: Mr. W. Scott Hill

bcc: Mr. C. F. Savage

W. S. Hill
For your information -- W. H. CHASE
AMERICAN INSTITUTE of ELECTRICAL ENGINEERS

IRC

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(HEADQUARTERS: 33 WEST THIRTY-NINTH STREET, NEW YORK 18, N. Y.)

WARREN H. CHASE, Vice-President The Ohio Bell Telephone Company 750 Huron Road Cleveland 15, Ohio DISTRICT No. 14

KIMBALL L. WHEELER, Secretary
The Cleveland Electric Illuminating Co.
P. O. Box 5000
Cleveland 1, Ohio

Address Reply to

January 6, 1961

Mr. J. Paul Jordan, Chairman Standards Committee - AIEE Gulton Industries, Inc. Metuchen, New Jersey

Dear Mr. Jordan:

Because of your interest in AIEE standards and their relation to IRE standards, I would like to invite you to an Intersociety Relations Committee meeting which will be held at 9:30 am in the AIEE Board Room on January 20, 1961. We expect to discuss some subjects at that time which might be of interest to you.

Will you kindly call Nelson Hibshman if you plan to attend.

Cordially yours,

Chairman - AIEE Intersociety
Relations Committee





RESEARCH SERVICES DIVISION P. O. BOX 1088, SCHENECTADY, N.Y.

THOMAS M. LINVILLE

MANAGER
RESEARCH OPERATION DEPARTMENT

December 29, 1960

Mr. Nelson S. Hibshman
Executive Secretary
American Institute of Electrical Engineers
33 West 39th Street
New York 18, New York

Subject: EJC and UNITY

Dear Nelson:

I received a copy of your letter of November 21 to Mr. Linder along with some other things from Mr. Chase.

I thought that it was the concept of a "power struggle" between the "technical arm" and the "professional arm" of engineering that was responsible for the development of the Functional Plan by AIEE at the Board meeting in San Francisco in 1956. The objective was to establish the functional responsibilities of EJC and NSPE so that a struggle between them would be avoided and harmonious cooperation could exist. If any of our AIEE people are meeting up with the concept of a "power struggle" for the first time very recently and are frightened by it, it just seems to me that they have failed to understand or to recognize the reasons why AIEE brought forward the Functional Plan.

Your letter alarms me because if EJC moves ahead without NSPE, i.e., the Functional Plan, it would seem that a struggle with NSPE is bound to result. I hope this won't happen and that progress can be made through the joint meetings of the officers of EJ¢, ECPD, and NSPE.

In the meantime, I think everyone should rally to the support of EJC to strengthen its program and activities in the technical area. I think that some of the EJC people do not recognize the wholehearted support of EJC as the very important "technical arm" of engineering.

Happy New Year to you and yours.

Sincerely,

T. M. Linville

TML:gs

IRC

Mr. C. H. Linder General Electric Cor 570 Lexington Avenue New York 22, New York

EJC and UNITY

Dear Mr. Linder:

The question began to develop on Thursday evening November 17, 1960 when Blackmon, Chase, Clark, Pearce, and I had dinner at the Engineers' Club. Pearce had just come from a meeting of the EJC Planning Committee where he apparently experienced his first encounter with frankly expressed opposition to AIEE intersociety policies, including previously unimagined interpretations of their motivation. Discussion continued at the breakfast caucus of AIEE-EJC delegates on Friday morning when Gillette, Kerner, and Tebo joined the party. In the absence of anything exciting on the EJC Board Agenda, the hour was given over to arriving at the conclusion that the following suggestion in the form of a question be addressed to you.

THE QUESTION: In view of

- 1) the fact that EJC has dropped most, if not all, of its non-technical professional activities;
- and that several significant new EJC programs are clearly oriented in directions approved by AIEE;
- 3) and that essentially the "Coordinating Council" of the Functional Plan has been accepted;
- 4) but that NSPE has refused to open its membership to non-registered qualified engineers, or make other concessions comparable to what has been happening in EJC, and continues to organize Student Chapters and otherwise to invade the technical society field;

Should not the Executive Committee of AIEE meet soon to consider revisions in the methods of implementing its intersociety relations policy?

OBSERVATIONS:

The discussion and conclusions were informal. No minutes, notes, or records were made. I am offering one man's impressions and observations:

- 1) The words used were more like "revision of AIEE intersociety policy." I called it "methods of implementing" because I don't think a major change in the Functional Plan was intended. Rather, I believe it was the thought that pressure should be put on NSPE to make some concessions better to demonstrate its ability to speak for a larger segment of engineering than is at present justified.
- 2) The recent Philadelphia "Unity Meeting" had an attendance of about 85 with 72 votes cast. The other Sections continue to report similar apathy.
- 3) The drive to get the ECFD-EJC Amalgamation Plan adopted is on. (See attached excerpts from ECPD Minutes). Dr. Kinzel made a strong plea for "approval in principle" at the EJC Board meeting.
- 4) ASME will act on the Amalgamation within two weeks. If ASME turns it down, a strong joint statement might be composed and circulated.
- 5) However, both ASME and AIEE might do something to dispell the impression among the other Founder Societies that these two are acting under the influence of minorities in their leadership determined to frustrate EJC efforts in the interest of NSPE domination of some ultimate unity program.
- 6) The concept of a "power struggle" between the "technical arm" and the "professional arm" of engineering, with the "educational arm" in the middle as the prize "prestige property" may be unduly cynical, but it is, I think, what frightened some of our people who met up with it for the first time very recently. Since they had never heard such a thought expressed or inferred in AIEE Board discussions, it was a bit of a shock to meet up with the suggestion that the idealism which inspired their efforts could be so interpreted.

Now, as to the request for an early Executive Committee meeting: The only date feasible last September appeared to be December 1. Even so, Pearce and Skrotzki marked it as "impossible" and Clark called it "possible." TOD Administrative Committee meets December 2. The time is very short to get really clear-cut proposals ready.

Cordially yours,

NSH: epw-

N. S. Hibshman Executive Secretary

cc: Mr. Hendley Blackmon



AMERICAN INSTITUTE of ELECTRICAL ENGINEERS

(HEADQUARTERS: 33 WEST THIRTY-NINTH STREET, NEW YORK 18, N. Y.)

December 28, Reply 1960

Mr. W. H. Chase Ohio Bell Telephone Company 750 Huron Road Cleveland 15, Ohio

ASME ACTION

Dear Warren!

At the November 27-28, 1960 meeting of the ASME Council, R. B. Smith made a confidential report as Chairman of the ASME Intersociety Relations Committee. The content of the report had chiefly to do with the negotiations with which you are familiar but you may not know that the action of the ASME Council was as follows:

"VOTED: a) To instruct the ASME Representatives to EJC and ECPD to reject the proposed Amalgamation of those two bodies;"

Although the written report of the Intersociety Relations Committee doesn't say too much, it seems to be intended to be confidential except for the fact that the Council voted to send copies to all of the Sections of the Society. I imagine the confidential nature of the report has to do with details given verbally to the meeting and not included in the written report. It appears likely that Mr. Smith has supplied you with a copy of it, in any event.

There is little chance that our Board will change its position with respect to Amalgamation but we do have some rather serious questions in connection with the approval of the new Charter and Rules and the subsequent admission of the new members to ECPD. These are matters that should engage the serious attention of the AIEE Intersociety Relations Committee on June 20.

Cordially yours,

N. S. Hibshman Executive Secretary

NSH: epw

cc: Mr. C. H. Linder



AMERICAN INSTITUTE of ELECTRICAL ENGINEERS

(HEADQUARTERS: 33 WEST THIRTY-NINTH STREET, NEW YORK 18, N. Y.)

DISTRICT No. 9



Address Reply to

H. A. Carlberg General Electric Company Richland, Washington

December 28, 1960

Messrs. CW Carnahan - IRE)
WC Heath - ASME)
RL Hoss - AIME) Vice Presidents
RC Mann - ISA) and Directors
FH Rhodes, Jr. - ASCE)
CR Wilke - AIChE)

Gentlemen:

It is high time I follow through with my October 21 commitment to appraise you gentlemen of the meeting we had on November 8 when the ISA President, Ralph Trippe, and District Vice President, R. C. Mann, happened to be in this area. As can be readily imagined, there were but the three of us present. I didn't really expect that others of you would find it possible to attend but it was worth a try.

The three of us had an enjoyable two hour discussion during which we exchanged information regarding the AIEE and ISA, particularly such matters as organizational philosophy, membership classification, and general modus operandi.

We found a mutual interest in a major subject; namely, how can a greater appreciation be generated of the interfunctional role that is represented by the engineering society, the engineer, and the industry that employs him. The thought was expressed that if the mutual advantages and also the interdependence of these three groups was more fully recognized, the overall contributions to society in terms of more rapidly exploiting available technology would be greatly enhanced.

ISA recognizes the problem through their nationally programmed activity of sponsoring "Manager-Engineer" or "Engineer-Boss" dinner meetings. This seems a very excellent way of focusing attention on the mutual relationship and the advantages involved. I described my search for a way of reaching industrial companies (particularly

the smaller ones), employing but a few engineers - a group that I believe have not taken full advantage of the merits of generating a "professional climate" for their engineering employees.

To this end, I had contacted some of our nearby industry associations with a view of seeking their suggestions. I started out by just offering to appear as a program item at any regional meetings they might have but was countered with the suggestion that they would rather distribute any kind of article or documentary piece that we could generate on the subject. As a starter, I had drawn up the attached which I visualized as a letter that might be jointly signed by several of us representing the engineering societies.

In reviewing this draft at our November 8 meeting, we recognized it as being very skeletal in form and perhaps brevity in this situation has some merit. Dr. Trippe, ISA President, also pointed out, quite validly, that it doesn't go far enough in the direction of defining the criteria by which a chief executive of a company may determine what a good professional climate is and how far he ought to prudently go in this direction.

Since that meeting, Chuck Savage, Chairman of the AIEE Public Relations Committee, has furnished me with a copy of a 23-page booklet entitled "Criteria for Professional Employment of Engineers" that was published by the NSPE in 1956. It, I think, goes all the way in filling the gap noted above. I'm still trying to find out what distribution this little booklet has had in this area. If it hasn't received much distribution, I'd hope we can promote it. Having but one copy, I haven't attached one.

The above serves to give you a general feel for our rump session last November. Any reactions, suggestions, or comments you have would be appreciated, I am sure, by the whole group. I'm not sure my first letter to each of you gave you the mailing addresses of your counterparts in the engineering society business so I've attached that list also.

Best regards and wishes for a Joyous Holiday Season!

Very truly yours,

H. A. Carlberg

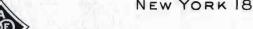
Vice President - 9th District

HAC:mb
Attachment
cc: NS Hibshman
CH Linder

AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS

33 WEST THIRTY-NINTH STREET NEW YORK 18, N.Y.

Marking, Janu 10, 1961



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TELEPHONE PENNSYLVANIA 6-9220
CABLE. CYANDRIC

December 22, 1960

Society Representatives

To the Intersociety Relations
Committee and Interested Officers
of AIEE

MEETING JANUARY 20, 1961 AIEE HEADQUARTERS 9:30 A.M.

Gentlemen:

Your Chairman, Mr. W. H. Chase, after a canvass of your preferences, has called your meeting for Friday, January 20, 1961, 9:30 a.m. in the Board Room at AIEE Headquarters on the tenth floor of 33 West 39th Street, New York City. This is the day following the EJC Annual Meeting.

Because of anticipated developments at the EJC Assembly on the 19th, Mr. Chase is by this notice inviting 1961 EJC Representatives and Alternates and ECPD Council Members to meet with the Intersociety Relations Committee on the 20th.

The Agenda on the back of this sheet will include items on which recommendations will be expected by the Board of Directors at the Winter General Meeting.

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Cordially yours,

N. S. Hibshman

Executive Secretary

NSH:epw

cc: Mr. C. H. Linder

Mr. B. G. A. Skrotzki

(over)

INTERSOCIETY RELATIONS COMMITTEE Meeting, Jan. 20, 1961

AGENDA

- 1.0) Review of Section Meetings on Functional Plan
- 2.0) Review of Progress in ECPD, EJC, NSPE Relations Through Officer Conferences
- 3.0) Review of Discussions with ASME, NSPE, and Other Founder Society Representatives
- 4.0) Consideration of ECPD Amended Charter and Rules (Copies previously mailed to IRC and here enclosed for others)
- 5.0) Membership Applications for ECPD by NSPE, IRE, IAeS.
- 6.0) Amalgamation of EJC and ECPD.
- 7.0) AIEE-IRE Relations
 - 7.1) Membership Interchange
 - 7.2) Joint Standards Committee
 - 7.3) Student Branch Cooperation
- 8.0) Promotion of NSPE Membership at AIEE Meetings

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December 21, 1960

Mr. Warren H. Chase Vice President Ohio Bell Telephone Company 750 Huren Road Cleveland 15, Ohio

Dear Mr. Chase:

The attached letter from Don Fink has been discussed with Mr. J. P. Jordan who is Chairman of the AIEE Standards Committee operations. As you know five members from AIEE have been appointed to the Joint AIEE-IRE Standards Committee, with H. P. Westman of ITT has head of our delegation.

We are going to discuss this on Tuesday by telephone and see what suggestions can arise concerning an AIEE board member who could act in a liaison capacity. In the meantime I wanted to know what is going on, since one approach is to put the influence of the Intersocieties Relations Committee behind this move, and work through T. O. D.

Incidentally what would you think of asking Paul Jordan to meet with us on January 20th in New York, and possibly consider his appointment to this Committee either immediately or next August. Perhaps you would care to call me prior to 11:a.m. on Tuesday when I plan to talk to Paul.

Very truly yours,

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W. Scott Hill, Manager Engineering Recruiting

W. Scott Hill/m

WSH:mh

Enclosure

December 20, 1960

Mr. Warren H. Chase, Chairman Intersociety Relations Committee - AIEE Ohio Bell Telephone Company 750 Huron Road Cleveland 15, Ohio

ECFD CHARTER AND RULES

Dear Warren:

I am taking the liberty of mailing a copy of the revised Charter and Rules of Procedure of ECPD to the members of your committee.

It is desirable that the Board take action on these at its meeting on February 3, 1961. Possibly, the Executive Committee will decide that it may take the action at its meeting of January 27. In any event, I think it is desirable to have a recommendation from the Intersociety Relations Committee. I am tentatively putting it on the Agenda for treatment by the Intersociety Relations Committee since it was your committee that brought in the amendments to the Constitution of EJC.

I am also sending copies to the members of the PDR Department since ECPD representatives are administered by that Department. I would think it desirable that the Department take a look at these and make recommendations also; particularly if they are not entirely in accord with the proposals. However, if it seems proper to you, I will put it on the Agenda under the reports from the Intersociety Relations Committee. You may wish to put it on your agenda for your proposed meeting of January 18 or January 20. Have you decided which?

Cordially yours,

N. S. Hibshman Executive Secretary

NSHI: epw

ENGINEERS! COUNCIL FOR PROFESSIONAL DEVELOPMENT

ATTACHMENT V BofD 2/3/60 Agenda Item 6.2

REVISED CHARTER AND RULES OF PROCEDURE

December 12, 1960

Executive Secretary, AIEE

Dear Sir:

In its meeting of December 2, 1960, the Executive Committee of the Engineers! Council for Professional Development acted under authority granted by Council as follows:

VOTED to approve the Charter as amended and to refer it to the participating bodies for ratification.

VOTED to approve the proposed amendments to the Rules of Procedure and to present them to Council for ratification, subject to approval of the amendments to the Charter by the participating bodies.

Merewith is a copy of the amended Charter with a copy of the present Charter for convenient comparison. Also enclosed is a copy of the Rules of Procedure, as amended, subject to ratification of the revised Charter.

Ratification of the amended Charter is requested at your earliest convenience. It will be appreciated if this matter can be given attention at the next meeting of your governing Board or Council.

Sincerely yours,

c.c. Messrs. Scott Hill Hooven, and Chase S/ W. H. Wisely

Secretary

Approved by Executive Committee (ECPD)
December 2, 1960

CHARTER

Present

Proposed

PREAMBLE

PREAMBLE: No change

The Engineers! Council for Professional Development, organized October 3, 1932, resulted from the Conference on Certification, made up of representatives of seven engineering bodies, which was instituted at an earlier date for the consideration of that subject. The recommendations of this conference, with a statement of objectives, method of operation and an initial program, were embodied in a "Plan for Joint Action." The following bodies approved the plan and voted to participate in the new organization:

American Society of Civil Engineers

American Institute of Mining, Metallurgical and Petroleum Engineers

The American Society of Mechanical Engineers

American Institute of Electrical Engineers

The American Society for Engineering Education

American Institute of Chemical Engineers

National Council of State Boards of Engineering Examiners

A charter was approved and adopted. The Council represented seven bodies until October 24, 1940, when the Engineering Institute of Canada was added.

On October 5, 1959, the Council adopted the following resolutions. Subsequently, the amended Charter was submitted to the participating bodies. At the time of going to press the amended Charter has been approved by the boards of the following bodies: American Society of Civil Engineers, American Institute of Mining, Metallurgical & Petroleum Engineers, The American Society of Mechanical Engineers, American Institute of Electrical Engineers, The American Society for Engineering Education and the American Institute of Chemical Engineers.

Approval of six organizations is necessary for adoption.

WHEREAS, it is deemed desirable to clarify the language of the charter so as to eliminate ambiguity and better express the original intention of the founders without changing the original objects or program of the organization:

WHEREAS, the charter of the Engineers! Council for Professional Development has become subject to misinterpretation, and

NOW, THEREFORE, be it resolved that the charter shall be amended as follows:

CHARTER

1. Description of Participating Bodies. The Engineers' Council for Professional Development, hereinafter referred to as ECPD, is a conference of engineering bodies, organized to assist in and to advance education for engineering and to further the intellectual development of individuals who are or may become engineers.

The participating bodies are the American Society of Civil Engineers, the American Institute of Mining, Metallurgical, and Petroleum Engineers, The American Society of Mechanical Engineers, the American Institute of Electrical Engineers, The American Society for Engineering Education, the American Institute of Chemical Engineers, the National Council of State Boards of Engineering Examiners, and The Engineering Institute of Canada.

- 2. Purpose. The exclusive purpose of ECPD shall be to advance and promote scientific and engineering education with a view to the promotion of the public welfare through the development of better educated engineers.
- 3. Program. The purpose of ECPD shall be carried out by a program of guidance to high school students, the formulation of criteria for colleges of engineering, the assistance of such colleges in planning and carrying out their educational program, cooperation with the State licensing agencies to maintain high educational standards, and the promotion of the intellectual development of the young engineer.

Proposed

On October 5, 1959, the Council adopted the following resolutions. Subsequently, the amended Charter was submitted to the participating bodies. The amended Charter has been approved by the boards of the following bodies: American Society of Civil Engineers, American Institute of Mining, Metallurgical & Petroleum Engineers, The American Society of Mechanical Engineers, American Institute of Electrical Engineers, The American Society for Engineering Education, The American Institute of Chemical Engineers, The Engineering Institute of Canada and the National Council of State Boards of Engineering Examiners.

CHARTER

I. <u>Description of Participating Bodies</u>. The Engineers' Council for Professional Development, hereinafter referred to as ECPD, is a federation of engineering bodies, organized to assist in and to advance education for engineering and to further the intellectual development of individuals who are or may become engineers.

The participating bodies are the American Society of Civil Engineers, The American Institute of Mining, Metallurgical, and Petroleum Engineers, The American Society of Mechanical Engineers, the American Institute of Electrical Engineers, the American Society for Engineering Education, the American Institute of Chemical Engineers, the National Council of State Boards of Engineering Examiners, and The Engineering Institute of Canada, and such additional national engineering societies as shall be admitted under the provisions of paragraph 5 below.

II. No change

III. No change

4. Method of Operation

(a) The ECPD shall establish the necessary rules of procedure and appoint the necessary committees to carry out the general objects set forth in Paragraph 2, and shall administer such plans to implement the program set forth in Paragraph 3 above as shall be approved by the governing boards of the participating bodies.

(b) It shall transmit to the governing boards of the participating bodies annual reports showing: accomplishments in advancing the program set out in Paragraph 3; a financial statement; a projected program of activities; and a budget for the succeeding year.

- 5. Changes. Changes in the charter shall be made only after approval by the governing boards of two thirds of the participating bodies.
- 6. Notwithstanding any of the provisions of the foregoing paragraphs which may be construed to the contrary, ECPD shall not engage in any activity which is not educational, scientific or charitable within the meaning of Section 501 (c)(3) of the 1954 Internal Revenue Code, and on dissolution of the Council, its assets will be distributed to an organization organized and operated for similar educational, scientific or charitable purposes.

Proposed

IV. Method of Operation

(a) The ECPD shall establish the necessary rules of procedure and appoint the necessary committees to carry out the general objects set forth in Paragraph 2 and shall administer such plans to implement the program set forth in Paragraph 3 above.

(b) No Change

V. Admission to ECPD. Engineering Societies national in scope which operate either in the United States or Camada, and which are autonomous and have objectives consistent with those of the ECPD Charter, may be admitted to membership in ECPD providing they meet the admission requirements as defined in the Rules of Procedure and have been approved by the governing boards of two-thirds of the participating bodies. Such Engineering Societies as are approved for membership in ECPD will upon admission become Participating Bodies.

VI. Changes. No changes

VII. Notwithstanding any of etc. (No Change)

RULES OF PROCEDURE

Approved by Executive Committee (ECPD December 2, 1960

Present

- 1. Representation. A. Each participating body shall have three representatives on ECPD. Each representative shall be appointed for a term of three years beginning at the close of the annual meeting. The term of one representative in the delegation of each participating body shall expire each year. Representatives shall not serve more than two full consecutive terms.
- B. Vacancies in the representation of a participating body shall be filled by that body. Such appointments shall not be considered terms within the meaning of clause A.
- C. That representative of each participating body who is a member of ECPD Executive Committee shall be changed with the responsibility of providing his governing board with current information about the plans, program, and proceedings of ECPD, of supplementing the official reports, and of ascertaining the attitude of his governing board on matters under discussion before ECPD.

Proposed

- I. Representation. A. No change
- B. Vacancies in the representation of a Participating Body shall be filled by that body, to complete the unexpired term. Such appointments shall not be considered terms within the meaning of the clause A.
 - C. No change

(over)

- 2. Officers and Executive Committee. A. At each annual meeting, ECPD shall elect from the representative of participating bodies a president and a vice-president to serve for one year, beginning at the close of that meeting. They shall perform the duties usual to these offices or assigned by the Executive Committee. In their absence, their duties shall be performed by representatives designated by ECPD or by the Executive Committee.
- B. At each annual meeting, ECPD shall elect a secretary and an assistant secretary to serve one year, beginning at the close of the annual meeting. They need not be representatives of a participating body. The secretary shall perform the duties usual to the office. In addition he shall be responsible for keeping the secretaries of the participating bodies advised about the plans, programs, and proceedings of ECPD.
- C. United Engineering Trustees, Inc. shall act as treasurer of ECPD.
- D. At each annual meeting, ECPD shall elect an Executive Committee made up of the president of ECPD and one representative from each participating body. The secretary shall be secretary ex officio and may participate in the deliberations, without vote.
- E. The Executive Committee shall perform such duties as are assigned to it. During the intervals between the meetings of ECPD, the Executive Committee shall have and exercise all its general powers except the approval of recommendations to the governing boards of the participating bodies. The Executive Committee may, however, act for ECPD on such recommendations, provided that there shall have been secured by letter ballot the approval of a majority of the representatives of each participating body, such action to be confirmed by ECPD at its next meeting. The Executive Committee shall be responsible for making public the work of ECPD. It shall also concern itself with the relations between ECPD and other engineering professional bodies with a view to bringing about mutual understanding and cooperation.
- F. The Executive Committee shall review annually the plans of the standing committees for action. When special approval is needed, the Executive Committee should forward plans and recommendations to the governing boards of the participating bodies for such approval.
- G. The Executive Committee shall ascertain at this meeting that all reports required in Paragraph 4 of the charter have been prepared and transmitted to the participating bodies.
- 3. Meetings. ECPD shall hold an annual meeting in October for the election of officers, the appointment of committees, the adoption of an annual report, and other business. Other meetings may be called by the president. Thirty days' notice shall be given for all meetings of the Council.

Proposed

- II. Officers. The officers of ECPD shall be a President and Vice-President, a Secretary and an Assistant Secretary. Officers of ECPD shall serve for one year terms beginning at the close of the annual meeting.
- A. The President and Vice-President shall be elected from present or past representatives of ECPD. The President and Vice-President shall perform the duties usual to these offices or assigned by the Executive Committee. In their absence, their duties shall be performed by representatives designated by ECPD or by the Executive Committee.
- B. At each annual meeting, ECPD shall elect a secretary and an assistant secretary. They need not be representatives of a Participating Body. The secretary shall perform the duties usual to the office. In addition, he shall be responsible for keeping the secretaries of the Participating Bodies advised about the plans, programs and proceedings of ECPD.
- C. United Engineering Trustees, Inc. shall act as treasurer of ECPD.

III. Executive Committees.

- A. An executive committee, consisting of the president of ECPD, the vice-president and one representative from each Participating Body shall be elected at each annual meeting. The secretary shall be secretary ex-officio and may participate in the deliberations, without vote.
- B. Nominations for members of the Executive Committee shall be submitted by the secretaries of the Participating Bodies.
- C. The Executive Committee shall perform such duties as are assigned it. During the intervals between the meetings of ECPD, the Executive Committee shall have and exercise all its general powers except the approval of recommendations to the governing boards of the Participating Bodies. The Executive Committee may, however, act for ECPD on such recommendations, provided that there shall have been secured by letter ballot the approval of a majority of the representatives of each Participating Body. The Executive Committee shall be responsible for making public the work of ECPD. It shall also concern itself with the relations between ECPD and other engineering professional bodies with a view to bringing about mutual understanding and cooperation.
- D. The Executive Committee shall review annually the plans of the standing committees for action. The Executive Committee shall ascertain at this meeting that all reports required in Article IV of the Charter have been prepared and transmitted to the Engineering Societies which are members of ECPD.
- IV. Meetings ECPD shall hold an annual meeting in October for the election of officers, the appointment of Standing Committees, the adoption of an annual report, and other business. Other meetings may be called by the president. Thirty days' notice shall be given for all meetings of the Council.

- 5. <u>Committees</u>. <u>ECPD</u> committees shall consist of the Education and Accreditation Committee, standing committees, and special committees.
- A. Official appointments to the Education and Accreditation Committee, and to all standing committees, are made by the Executive Committee and ratified by ECPD at the Annual Meeting. Appointments by the Executive Committee are to be made before August 1.
- B.(1) Chairmen of all committees are encouraged to sit with ECPD or with the Executive Committee, except in closed session, but without vote.
- (2) Standing committees and special committees shall select their own secretaries, who shall perform the duties usual to that office.
- (3) The Education and Accreditation Committee shall consist wholly of individual members of the participating bodies who have been members of the corps of inspectors and who have served as inspectors.

The committee shall have at least one member from each of the participating bodies. The term of each member shall be one year, beginning at the close of the Annual Meeting at which he is appointed, and members shall normally not serve more than five consecutive terms.

Recommendations for appointment to the committee shall be formulated by the Education and Accreditation Committee at its June meeting. In preparing the recommendations, the committee shall submit its proposed selections to the Secretaries of the corresponding participating bodies for information before submitting its nominations to the Executive Committee.

The corps of inspectors, from which the Education and Accreditation Committee shall select the members of its inspection teams, will be appointed by the participating bodies. Such appointments will be submitted to the Secretary of ECPD by May 1.

When submitting the list for the corps of inspectors, a participating body may indicate those inspectors it wishes to have considered for the Education and Accreditation Committee after they have had experience as inspectors.

(4) Standing committees shall have at least one member from each participating body. The term of each member shall be one year, beginning at the close of the Annual Meeting at which he is appointed. Members shall normally not serve more than five consecutive terms.

Each participating body may submit, by
June 1, to the Secretary of ECPD, a list of candidates
(not to exceed five) for each of the standing committees.
The Chairman of a standing committee may also recommend
to the participating bodies candidates for consideration
by the bodies.

- (5) All nominations to committees originating in ECPD or its committees shall be sent to the secretaries of the corresponding bodies by the Secretary of ECPD. The executive committee member for the body should be concurrently informed of the nomination.
- (6) Appointments to subcommittees of the Education and Accreditation Committee and the standing committees shall be made by the chairman of each committee, with no requirements that each participating body of ECPD shall be represented.

Proposed

- V. Committees No change
 - A. No change
 - B. No change
 - (2) No change
 - (3) No change

The Committee shall have at least one member from each of the technical society bodies. The term of each member shall be one year, beginning at the close of the Annual Meeting at which he is appointed, and members shall normally not serve more than five consecutive terms.

Recommendations for appointment to the committee shall be formulated by the Education and Accreditation Committee at its June meeting. In preparing the recommendations, the committee shall submit its proposed selections to the Secretaries of the corresponding participating bodies for information before submitting its nominations to the Executive Committee.

The corps of inspectors, from which the Education and Accreditation Committee shall select the members of its inspection teams, will be appointed by the participating bodies. Such appointments will be submitted to the Secretary of ECPD by May 1.

When submitting the list for the corps of inspectors, a participating body may indicate those inspectors it wishes to have considered for the Education and Accreditation Committee after they have half experience as inspectors.

(4) No change

- (5) No change
- (6) No change

- (7) Special committees shall be appointed by the President for special assignments, and when the assignment is completed and a report rendered, the committee shall be considered discharged. Appointments to special committees may be made without regard to society affiliations.
- C. A Nominating Committee, consisting of one representative from each of the member organizations, shall be appointed by the President, for recommending candidates for President, Vice-President and for Secretary of ECPD and for recommending to the Executive Committee the chairmen of standing committees and the Education and Accreditation Committee for the ensuing year. These recommendations shall be submitted to the Secretary by August 1.
- D. The Education and Accreditation Committee shall develop, and modify when necessary, criteria for colleges of engineering which will insure to their graduates a sound educational foundation for the practice of engineering. After approval by the Council, the Education and Accreditation Committee shall, upon request, apply these criteria to degree-granting institutions. Where necessary in the accomplishment of its task, the committee shall be empowered to establish and apply criteria for other curricula. The committee shall report annually the curricula in the various institutions that have met its criteria upon last inspection.
- E. Standing Committees. The following are standing Committees:

Guidance Committee
Student Development Committee
Committee on Development of Young Engineers
Recognition Committee
Ethics Committee
Information Committee

- 1. Immediately after the Annual Meeting, each standing committee shall organize and prepare a plan of action for the ensuing year which shall be delivered promptly to the President of ECPD.
- 2. Each standing committee shall report annually, by August 1, its accomplishments and its recommendations for a projected program for the succeeding year.

 Interim reports of progress shall be made when requested by the Executive Committee.
- 7. The Guidance Committee shall develop, and review regularly, methods for guiding young men who seek entrance to the engineering schools so that those who enter will have the high quality aptitude, and capacity required for embarking upon an engineering career. The committee shall develop, and modify when necessary, an active program of cooperation with engineering and other groups, so that the guidance methods developed will be put to useful purpose. The committee shall report annually what response has been received to its program.
- 4. The Student Development Committee shall coordinate and administer all other relations between the engineering schools, and the engineering societies, and industry for the purpose of promoting the intellectual development of engineering students except those assumed by the Education and Accreditation Committee.

Proposed

- (7) No change
- C. No change.

D. No change.

- E. No change
- 1. No change
- 2. No change
- 3. No change

4. The Student Development Committee shall coordinate and administer other appropriate relations among the engineering schools, and the engineering societies, and industry for the purpose of promoting the intellectual development of engineering students except those assumed by the Education and Accreditation Committee.

- 5. The Committee on Development of Young Engineers shall develop, modify when necessary, and administer plans for the further personal development of young engineers. The committee shall report annually upon the success of its program in the field.
- 6. The Recognition Committee shall develop methods whereby those engineers who have met suitable standards of competence and attainment may receive corresponding recognition; and shall work to secure public understanding and adoption of the methods developed.

7. The Ethics Committee shall administer those activities related to the promulgation, adoption and revision of the Canons of Ethics for Engineers.

- 8. The Information Committee shall be responsible for the preparation and dissemination of ECPD publications and publicity in accordance with established and approved policies it shall also formulate and recommend publicity and publication policies and procedures as required.
- F. Special Committees. The following are special committees:

Finance

Charter and Rules of Procedure

Setting para authoristic general resistantic set

- 1. The Charter and Rules of Procedure Committee shall have the responsibility of maintaining a continuing study of the aims, objectives, and policies of ECPD on a long-range basis, and for recommending revisions in the Charter and Rules of Procedure of ECPD.
- 2. The Finance Committee shall prepare the annual budget, and shall be responsible for the preparation of the annual audited financial statement. The committee will also be responsible for preparing suitable supporting material relative to the program to be financed for presentation to the member organizations at the time the annual assessment are submitted.

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Proposed

- 5. The Committee on Development of Young Engineers shall develop, modify when necessary, and administer plans for the further personal development of young engineers following the awarding of their first engineering degrees. The Committee shall report annually upon the success of its program in the field.
 - 6. No change
 - 7. No change

F. Special Committees. The following are special committees:

Admissions

Finance

Planning

Charter and Rules of Procedure

- 1. The Admissions Committee shall examine and report on all applications for membership referred to it by the Executive Committee.
 - No change.
- 3. The Planning Committee shall have the responsibility for maintaining a continuing study of the aims, objectives and policies of ECPD on a long range basis, and reporting its recommendations to the Executive Committee.
- 4. The Committee on Charter and Rules of Procedure shall study, report, and recommend revisions in the Charter and Rules of Procedure, of ECPD.

VI. Admission of Additional Member Societies.

A. Applications for admission will be referred to the Committee on Admissions for preparation of a report covering recommendations on each applicant in accordance with the provisions of the Charter and Rules of Procedure, for submission to the Executive Committee. Upon approval of an application for membership by the Council, or by a majority of the Council representatives of each Participating Body, the Executive Committee shall submit the recommendations of the Admissions Committee to the participating bodies for consideration.

Proposed

- B. There are two general types of Engineering Societies concerned with the development of young engineers for the profession, which may be classified as Sustaining Member bodies and Technical Society bodies. Sustaining Member bodies influence and assist the profession through their educational guidance or judicial functions. Technical Society bodies have a vital interest in the development of young engineers who will be associated with the technical problems of modern engineering.
- C. General criteria for both Sustaining Member bodies and Technical Society bodies.
 - The Society shall be national in scope, operate in either the United States or Canada, shall be autonomous, and shall have objectives consistent with those of the ECPD Charter.
 - There should be a need to participate because of the interests of the Society.
- D. Sustaining Member bodies. Pertinent special criteria and factors applicable when considering applications from Sustaining Member bodies will be provided to the Admissions Committee by the Executive Committee when such applications are to be considered.
- E. Technical Society bodies. Additional criteria to be included in consideration of Technical Society bodies include:
 - The Technical Society shall have an interest in and be willing to contribute substantially to the work of the Education and Accreditation Committee, and to the work of the Guidance Committee or the Committee on Development of Young Engineers.
 - It shall have a minimum membership of 5000 meeting the definition of full member grade established by the ECPD Committee on Professional Recognition.
 - 3. It has interests or participates in student activities having accredited first degree curricula in its own field.
 - 4. Its field of engineering interest shall be represented by ECPD accredited curricula, or separately accredited options, in a significant number of colleges and universities.
- VII. Annual Report ECPD shall prepare an annual report which shall include the annual reports of all standing and special committees. This report shall require for approval the affirmative vote of two-thirds of the representatives present at the annual meeting.
- VIII. Changes in Rules of Procedure Changes in the rules of procedure may be made at any meeting of ECPD by a majority of the representatives present, providing that each participating body is represented.
- 6. Annual Report. ECPD shall prepare an annual report which shall include the annual reports of all standing and special committees. This report shall requite for approval the affirmative vote of two thirds of the representatives present at the annual meeting.
- 7. Changes in Rules Changes in the rules of procedure may be made at any meeting of ECPD by a majority of the representatives present, providing that each participating body is represented.



AMERICAN INSTITUTE of ELECTRICAL ENGINEERS

(HEADQUARTERS: 33 WEST THIRTY-NINTH STREET, NEW YORK 18, N. Y.)

NOV 1 0 1960 C. F. SAVAGE

WARREN H. CHASE, Vice-President
The Ohio Bell Telephone Company
750 Huron Road
Cleveland 15, Ohio

DISTRICT No. 14

KIMBALL L. WHEELER, Secretary
The Cleveland Electric Illuminating Co.
P. O. Box 5000
Cleveland 1, Ohio

Address Reply to

November 7, 1960

Mr. C. F. Savage, Chairman Public Relations Committee 570 Lexington Avenue New York 22, New York

Dear Chuck:

In your "browsing around" to help with the Functional Plan, I believe you have the germ of an idea in setting up a membership booth for N.S.P.E. at major A.I.E.E. meetings and technical conferences.

I will put this on the agenda for our next Intersociety Relations Committee meeting and discuss at that time the pros and cons of establishing this indication of our cooperation with N.S.P.E.

Thanks for the suggestion!

Cordially and sincerely.

Chairman

Intersociety Relations Committee

Hamu Clase

October 27, 1960

Mr. Warren H. Chase Ohio Bell Telephone Company 750 Huron Road Cleveland 15, Ohio

ASCE-ECPD

Dear Warren:

I have just been looking at the Minutes of several past meetings of the ASCE Executive Committee which have just come to me.

In the Minutes of their meeting of August 5, 1960, I find this:

"To instruct the ASCE representatives to ECPD to make every effort to bring about the referral of the merger proposition to the member Societies of ECPD for official ballot as soon as possible."

From the Minutes of the meeting of October 9, 1960, the following:

"The Executive Secretary (ASCE) presented a letter received from President Everitt of ECPD asking the member Societies 'to consider the requests for admission to ECPD that have been filed by the Institute of Aeronautical Sciences, the National Society of Professional Engineers, and the Institute of Radio Engineers'.

"The Executive Committee VOTED to direct the Secretary to inform Mr. Everitt, with copies to the Secretaries of the other ECPD Societies, that action upon the admission of any new members must be deferred until the ECPD Charter and Rules of Procedure are amended to permit the admission of new members and that such actions should also be deferred until the amalgamation question is resolved."

As you see from Miss Murray's letter of October 18, we have a rather strangely worded presentation of the amalgamation proposal. I understand that this was cooked up by the Vice-President of ECPD at the behest of the Secretary of ECPD although certainly, on the basis of the Minutes of the Executive Committee of ASCE, it was in line with ASCE desire.

Mr. Warren H. Chase, October 27, 1960, Page 2.

The more I read this action described in Miss Murray's letter, the more I marvel at it and the more I wonder what its purpose can be. We are presented with something to be considered strictly on its merits and subject to the assumption that an appropriate proposal can be developed. As I think I said to you before, it hardly seems like the result of any thoughtful action on the part of a responsible Council which, in my judgment, should either recommend it or not. A year ago, they voted not to recommend it.

I imagine that the Intersociety Relations Committee or the PDR Department or both in consultation will decide either that the Board of Directors (or Executive Committee) of AIRE will receive a recommendation on the subject at its next meeting.

Cordially yours,

N. S. Hibshman Executive Secretary

NSH: epw

12/

570 Lexington Avenue New York 22, New York

October 20, 1960

Mr. W. H. Chase, Chairman Intersociety Relations Comm., AIEE Ohio Bell Telephone Company 750 Huron Road Cleveland 15, Ohio

Dear Mr. Chase:

The Public Relations Committee has been "browsing" around, trying to think of how it could help the functional plan.

At the last GAD meeting one of the vice presidents, in discussing Unity, made the statement that if we promoted membership in NSPE and proceeded with technical programs of AIEE as now in force, "this would be good enough Unity" for him.

Putting two and two together, the idea occurred to the Public Relations Committee that a membership booth for NSPE might be set up at each major AIEE meeting, or perhaps at each special technical conference. The mechanics of how this might be done have not been thought through, but there may be a germ of an idea here which would truly promote Unity at the grass roots.

This suggestion is offered for consideration, and the Public Relations Committee is willing to assist if any definitive program should be planned.

Sincerely,

C. F. Savage Chairman

CFS/jbp

cc: N. S. Hibshman

September 30, 1960

Mr. W. J. Barrett Mew Jersey Bell Telephone Company 540 Broad Street Newark 1, New Jersey

> INTERSOCIETY RELATIONS MEETING ROOM, CHICAGO

Dear Walter:

I have just had word that in the process of juggling the meeting rooms around at Chicago for the week after next, the tentatively scheduled meeting of the Intersociety Relations group has now been made for the Walnut Room. The room is being reserved all day for the use of that group.

I don't remember what word I gave you on this subject before but Mr. Day just reminded me that a switch has been made. My recollection is that I told you the Walnut Room in the first place but Mr. Day said it had originally been for the Promenade Room and is now for the Walnut Room; so that is the latest word.

Cordially yours,

N. S. Hibshman Executive Secretary

NSH:epw

Mac Juntant TY

AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS 33 WEST THIRTY-NINTH STREET





TELEPHONE PENNSYLVANIA 6-9220

September 13, 1960

Mr. N. S. Hibshman Staff Secretary American Institute of Electrical Engineers 33 West 39th Street New York 18, N. Y.

Dear Nelson:

Note the attached letter of July 12 by Mr. H. A. Carlberg, Vice President of District No. 9. In this he has opened the channels of communication with other District chairmen in other technical societies.

I do not know whether this is a new procedure or not, although it was new to me. In discussing this with Mr. Linder, he thought that you might want to suggest a similar idea by letter to the other vice presidents, using Mr. Carlberg's letter as an example. This would all be in the interest of intersociety co-operation, with the ultimate goal of unity.

Sincerely

C. F. Savage

CFS:jr Att.



CHERICAN INSTITUTE of ELECTRICAL ENGINEERS

(HEADQUARTERS: 33 WEST THIRTY-NEVIH STREET, NEW YORK 18, N. Y.)

C. H. LINDER

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TUI 1 8 1960

DISTRICT No. 9

Address Reply to E. A. Carlberg.

General Electric Co.

Alchiene. Carbington

July 12, 1960

Mesers.:

C. Wesley Careaban - IRE

Robert C. Mann - EA H. F. Helting - AlChE Robert L. Hoss - AIME Fred H. Rhodes, Jr. - ASCE William C. Heath - ASME

m C. Heath . ASME (ut the an

Contlemen:

By the des process of events, the undersigned assumes the dation of Vice President for the Northwest or Rinth District of the American Institute of Electrical Engineers. Our New York office advices me that you gentlemen function in a similar capacity on behalf of your respective engineering societies for this northwest area.

It seems reasonable to assume that in our respective especities for the several engineering societies, occasions or situations will arise where it will be desirable and fruitful for us to touch have with each other. Hence, this letter is simply by way of introduction to open such channels of communication. I would appreciate hearing from each of you with thought that even on a remote basis, we may find it possible to be of mutual assistance.

Simcerely,

Storeham /

BACINO

en CH Linder 33 Anderson

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AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS

33 WEST THIRTY-NINTH STREET





TELEPHONE PENNSYLVANIA 6-9220

September 26, 1960

Mr. A. B. Kinzel, Pres. EJC Mr. W. L. Everitt, Pres. ECPD Mr. N. E. Hull, Pres. NSPE

> PAST PRESIDENTS' TASK FORCE ON UNITY REPORT

Gentlemen:

At its meeting of September 20, 1960, the Executive Committee of AIEE voted to endorse the report and recommendations of the Past Presidents' Task Force on Unity as approved by the Board of Engineers Joint Council at its meeting of September 9, 1960.

The Executive Committee of AIEE wishes to express the hope that the plan presented in this report will find early favorable acceptance and initiation.

Cordially yours,

N. S. Hibshman Executive Secretary

NSH:epw

cc: Mr. C. H. Linder
Miss Elsie Murray
Mr. Paul R. Robbins
Mr. L. K. Wheelock

Founder Society Secretaries

unitt

September 19, 1960

Mr. C. T. Pearce Westinghouse Electric Corporation 3001 Walnut St. Philadelphia 4, Pa.

Dear Gullen:

Heavy thanks for your letter of August 26 reporting that the Philadelphia Section will hold a meeting (jointly with ASME) on November 14. I particularly appreciate your description of the program arrangement which is consistent with your remarks during the Section Delegates' Conference at Atlantic City last June 21.

Your letter arrived when my work was interrupted by vacations and as you might expect no one in my office was qualified to respond.

I think your talk is excellent. I can raise only one question. This is in regard to the inclusion as a part of the functional Plan of the suggestion to MSPE that it consider opening its numbership to non-registered engineers. This appears on p. 7, on p. 13, and possibly elsewhere. I have always understood that the question of opening the MSPE numbership was not a part of the Functional Plan. It was a suggestion made separately by AIEE to MSPE. Therefore, it is wrong to consider it a part of the Plan, or a condition for acceptance of the Plan. You say explicitly that it is not a condition for acceptance.

Likewise your chart for the Functional Plan shows the Coordinating Council which is not part of the Functional Plan. Actually the Council is something separate which AIRE says is not inconsistent with the Functional Plan and is appropriate provided it is informal and is not an operating body of itself. You make this latter point clear in your test.

I am not cure that the Chart for the Amelgamation Plan exactly represents what EJG veted on. However, both charts are very good and are an important feature of your talk. The ballot presents the questions we want answered in an unmistakeble fashion.

Regards and thanks again.

Very truly yours,

THLIJd

T. H. Linville

Wanibahman

September 14, 1960

Mr. W. H. Chase, Chairman Intersociety Relations Committee - AIEE Ohio Bell Telephone Company 750 Huron Road Cleveland 15, Ohio

ECPD

Dear Warren:

From the enclosed material collected on ATTACHMENT VI-A for the Executive Committee Meeting next week, we have an interesting situation. The first thing is a letter from the President of ECPD calling on AIEE to hurry up and vote for the admission of the three Societies whose applications kicked around here for a couple of years and failed to get the necessary two-thirds vote. In his anxiety to increase the membership of ECPD, the President overlooked two things.

First of all, as quoted here, the Board of Directors of AIEE withdrew its favorable vote on these admissions until such time as the Charter of ECPD has been amended by due process to provide suitable admission criteria and procedures. This recommendation of the Planning Committee of ECPD, even though approved by the Council of ECPD, does not constitute a revision of the Charter nor does it satisfy the requirement that the participating Societies should approve these criteria. So, I should say that AIEE's position has not been met.

In the second place, as you see from the enclosed copy of a letter from the Secretary of ASCE, there are doubts about the future of ECPD and its merger with EJC. Personally, in view of the position that IRE and NSPE have taken in the past with respect to associating with EJC, I don't see why either of them would want to join ECPD in the face of an impending merger with EJC. Furthermore, it is the position of the AIEE Board that NSPE should not be a member of either EJC or ECPD. This differs a little bit from the position of ASCE which says they should be members of both.

In any event, the Secretary of ECPD has apparently recognized that the President jumped the gun and by his letter of September 12th, has put before the participating Bodies the planning committee report for consideration rather than the proposition to admit the new member. Apparently, the Secretary of ECPD recognizes the intent of their Executive Committee and Council to follow what AIEE called "due process."

Mr. W. H. Chase, September 14, 1960, Page 2.

I don't know whether the Intersociety Relations Committee should take the lead in reviewing these criteria and the rest of the report of the Planning Committee of ECPD or not. It would seem to me to be the logical body to do it. Very possibly, the report will be found to be satisfactory since it was prepared under the Chairmanship of a member of the AIRE Intersociety Relations Committee. However, there are angles in connection with it that should be looked into and considered rather carefully. AIEE's position should be a consistent one and, if possible, should not result in what might have appeared to be a reversal the last time this whole thing was up. In other words, yielding to urgings of the type that the present President of ECPD has put out prematurely, AIRE voted for the admission of NSPE and IRE and IAS before ECPD actually put the matter before them. I think the records shows that we voted in favor of NSPE three times over in the process. Finally, after they failed to make the grade, we decided not to leave a blank check lying around and withdrew our approval pending an orderly approach to the problem by due process. In the meantime, the ECPD Charter was radically changed in order to conform with the requirements of the Internal Revenue Service. Nothing, however, was done about inserting these criteria for membership. It is not altogether clear to me that it is the intention in this case to consider the report of the Planning Committee to be intended as an emendment to the Charter.

I am not presuming to advise you in this matter but merely to offer you this background information and a few sidelights on the subject. No doubt, at the meeting of the Council in Montreal next month, many aspects of this will be clarified.

Cordially yours,

N. S. Hibshman Executive Secretary

NSH:epw Encl.

ENGINEERS! COUNCIL FOR PROFESSIONAL DEVELOPMENT

September 8, 1960

Mr. N. S. Hibshman, Executive Secretary AIEE:

The Planning Committee of Engineers! Council for Professional Development has prepared the attached report setting forth the basis on which an orderly expansion of its membership can take place. This report was adopted by the ECPD Executive Committee on July 25. Authorization was given to submit it to the full Council of ECPD for their approval, in accordance with Paragraph 2e of the Rules of Procedure. This has been done and an affirmative vote has been received from the majority of the representatives of each participating body.

In 1958 applications for admission to ECPD membership were submitted to the constituent societies, including yours, on behalf of three societies proposed for membership. These were:

Institute of Aeronautical Sciences Technical Society Member IRE (Institute of Radio Engineers) NSPE (National Society of Professional Engineers)

Proposed As: Technical Society Member Sustaining Member

Five of our present member societies approved the admission of all three, one abstained, and two societies withheld their approval. One of the major questions raised at that time concerned the criteria ECPD expected to follow in admitting future applicant societies.

The American Institute of Electrical Engineers wrote ECPD on April 26, 1956, July 8, 1957, and May 6, 1958, regarding the applications for admission by these three organizations. Since the attached report clarifies the position of ECPD on the subject of criteria for membership, it opens the way for your society to reconfirm the previous approval for their admission.

To assist you, we are attaching herewith Exhibits 1, 2, and 3, which are brief statements relating to these societies with information which can be related to the recently approved criteria.

We ask that you advise us of the position your society now takes on the pending applications.

cc: Messrs. Walker

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Sincerely,

S/ W. L. EVERITT, President

EXHIBIT 1 INSTITUTE OF THE AERONAUTICAL SCIENCES, INC.

The Institute of the Aeronautical Sciences, founded in 1932, qualifies as a Technical Society Member of ECPD. It is national in scope, and its purpose is to facilitate by all available means the interchange of technical ideas among aeronautical engineers throughout the world.

Its grade of Member meets the recommendations of ECPD Committee on Professional Recognition. In March, 1960, the Institute had 7012 Members, 1686 Associate Fellows and 228 Fellows.

There are 41 aeronautical engineering curricula accredited by ECPD. The Institute maintains student branches and in March, 1960, had 4560 Student Members in approximately 80 student branches.

The Institute maintains an extensive library in both New York and Los Angeles. September 1960

(over)

INSTITUTE OF RADIO ENGINEERS (IRE)

The Institute of Radio Engineers was organized in 1912. At that time its purpose was described as "to advance the theory and progress of radio and allied branches of engineering and its related arts and sciences and to maintain professional standing among its members." In the context of today's technology the "allied branches" now form the major portion of its activity.

It is recognized that the name Institute of Radio Engineers is a most inadequate description, but due to the good will which has been developed in this name, the Institute has decided from time to time not to change it. IRE is interested in all areas of electronics, in the development of information theory, in circuit analysis and synthesis, and the general field of the processing of information. It works closely with the American Institute of Electrical Engineers in many of its activities. It has some 28 professional groups, one of which is devoted to education. It includes 97 sections in the United States and Canada and eight in the rest of the world.

In 1945 it adopted a membership structure essentially identical to that later recommended by ECPD. In June, 1960, the numbers in the several grades were:

Fellow - 823 (corresponding to ECPD Fellow Grade) Senior Member - 9463 (corresponding to ECPD Member Grade) Member - 38,977 (corresponding to ECPD Associate Grade) Associate - 13,165 (corresponding to ECPD Affiliate Grade) Student Members - 16,738

Student members are taking curricula essentially the same as those in the student sections of AIEE. In the majority of schools joint student sections of AIEE and IRE are operated which include members of AIEE and IRE, although the individuals involved are usually student members of only one or the other society.

September 1960

NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS

The National Society of Professional Engineers was founded in 1934. In March, 1960, it had 45,635 members, all registered engineers. According to the ECPD recommendations on membership grades, this fact is interpreted as acceptable evidence of qualification of the grade of Member.

According to the preamble to its constitution, the NSPE dedicates itself "as an educational institution to the promotion and the protection of the profession of engineering as a social and economic influence vital to the affairs of men and of the United States." It maintains an active interest in the young engineers and contributes much in the field of guidance of prospective engineering students.

In both these areas, it has cooperated very successfully with ECPD committees. September 1960

FROM THE MINUTES BofD 8/21/58

9.1) ECPD Charter: In the absence of the Chairman of the PDR Department, the Chairman of the P&C Committee presented the following resolution, which had been suggested by the PDR Department, and later modified and approved for recommendation to the Board by the P&C Committee. The Board,

VOTED APPROVAL of the following resolution.

RESOLVED that the Board of Directors of AIEE considers that the petitions for admission to membership in ECPD, submitted by NSPE, IAS, and IRE, recommended by the Council, and approved by AIEE, have now failed of acceptance by the necessary majority of the constituent societies; and that the question of expanding the membership of ECPD is, therefore, closed until such time as the Charter of ECPD has been amended by due process to provide suitable admission criteria and procedures.

ENGINEERS! COUNCIL FOR PROFESSIONAL DEVELOPMENT

September 12, 1960

Mr. N. S. Hibshman, Executive Secretary, AIEE

At the Executive Committee meeting of Engineers' Council for Professional Development on July 25, the enclosed report of the Planning Committee was submitted. It was VOTED:

To adopt the report of the Planning Committee with the editorial changes as recommended.

That the report of the Planning Committee be sent out for letter ballot and, if approved, it then be submitted to the participating bodies.

The necessary majority of the representatives of each participating body voted approval and therefore, as required in Section 2e of ECPD Rules of Procedure (below), the Planning Committee report is now submitted to your society for consideration.

This report will be on the agenda for discussion at the Montreal meeting of ECPD which will take place on October 3 and 4.

Yours very truly,

S/ F. J. VAN ANTWERPEN Secretary

Section 2e: The Executive Committee shall perform such duties as are assigned it. During the intervals between the meetings of ECPD, the Executive Committee shall have and exercise all its general powers except the approval of recommendations to the governing boards of the participating bodies. The Executive Committee may, however, act for ECPD on such recommendations, provided that there shall have been secured by letter ballot the approval of a majority of the representatives of each participating body, such action to be confirmed by ECPD at its next meeting.

cc: Messrs. Walker, Hill, Hooven

OFFICE OF THE PRESIDENT

Address Reply To:

P. O. Box 2539 Houston 1, Texas September 13, 1960

Mr. Walter J. Barrett Past President, AIEE 3 Cambridge Road Glen Ridge, New Jersey

Dear Mr. Barrett:

This letter will acknowledge receipt of a copy of the August 15, 1960 report of the Past Presidents' Task Force on Unity.

This report has been studied with interest, and its recommendations carefully considered.

The stated policy of the National Society of Professional Engineers is for a vigorous and continuing program of active co-operation with all other engineering societies in these programs having professional objectives on the national, state and local level, without prejudice as to the origin of the program. This shall include participation in programs initiated by other organizations and solicitation of co-operation of other societies in NSPE's programs.

In accordance with this stated policy I, as President of the National Society of Professional Engineers am willing, together with our senior vice presidents, to meet with the presidents and vice presidents of EJC and ECPD at a time mutually agreeable.

Yours truly,

Nogh E. Hull President, NSPE

cc- Dean W. L. Everitt

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September 13, 1960

Mr. Charles F. Hochgesang, Editor ELECTRICAL WORLD 330 West 42nd Street New York 36, New York

Dear Charles:

When President Linder selected you for appointment to the Intersociety Relations Committee, I tried to get your consent in advance of issuing the announcement of the appointment but was unable to reach you. So, on the basis of your indication to me at Atlantic City of your willingness to give some additional time to the problems of AIEE, I took the liberty of issuing the announcement. Now, you are stuck.

The Intersociety Relations Committee in its present form was created by action of the Board of Directors on October 16, 1959 when the Bylaw printed on the back of the appointment letter was voted.

Since its appointment and organization shortly after its establishment, the committee has acted very effectively in two areas. The first of these was the continuation of the work of the previous Ad Hoc Committee in promoting the Functional Plan among the membership of AIEE and other engineering groups.

The second activity of the committee has been in picking up the proposal of IRE for discussion, looking toward closer cooperation between the two Institutes. The progress of these discussions is indicated by the enclosed excerpts from the meeting of the Board of Directors of June 24, 1960.

Also enclosed here is an excerpt from the Minutes of the Executive Committee Meeting of November 19, 1959 setting forth an "Intersociety Relations policy."

Another addition to your file on this subject might well be a copy of the book entitled "Organizing the Engineering Profession to Achieve Unity." This is the "bible" of the evangelistic task force and the Section officers who are organizing meetings throughout the country for the discussion of "unity" with special emphasis on the AIEE Functional Plan. This I am sending you under separate cover.

Finally, a very interesting document enclosed herewith is a statement signed by five Past-Presidents of the Founder Societies who have been meeting over a period of about two years considering various Mr. C. F. Hochgesang, September 13, 1960, Page 2.

plans for achieving unity through organization. This was approved by the meeting of the Board of Directors of Engineers' Joint Council on September 9th and will probably receive favorable action from the Executive Committee of AIEE on September 20th. This is felt to be an important practical step in the direction of closer cooperation, having in it the possibility of achieving much that the Functional Plan is designed to do without encumbering the chances of success by too much formal organization.

The work of the Intersociety Relations Committee under the Chairmanship of Warren H. Chase will probably continue to be carried on through subcommittees specializing in the several aspects of our Intersociety Relations. It is not to be expected that the new members of the committee will be immediately conversant with all of the background and problems. The appointment is for three years ending on July 31, 1963. By that time it is guaranteed that you will be an expert.

Cordially yours,

N. S. Hibshman Executive Secretary

NSH: epw Encl.

cc: Mr. W. H. Chase Mr. C. H. Linder Mr. C. T. Pear

September 13, 1960

Mr. C. T. Pearce
Westinghouse Electric Corporation
3001 Walnut Street
Philadelphia 4, Pennsylvania

MORE UNITY

Dear Cullen:

Since I wrote to you commenting on your speech on Unity, I have seen the September issue of CONSULTING ENGINEER which features on the cover the picture of Enoch R. Needles, Past-President of ASCE and EJC. This "profile" on Mr. Needles begins on Page 18 and includes some extensive quotes from him on his attitude toward unity. At one point, he reveals a seriously mistaken notion about the Functional Plan. He says.

"What would happen if our Societies tried to organize under the so-called Functional Plan, and a national problem arose affecting, for example, only the Civil Engineers? Nobody is going to tell the Civil Engineers how they can handle this problem. The same would be true of the Electricals, Mechanicals, Chemicals, Miners, and all other such groups with special interests. A vital problem requires vital attention of those affected; they cannot assign the problem to others. Whenever a fellow is about to propose to a girl, he usually figures he can do the job himself better than anyone else."

As Walter Barrett has pointed out, it is not the intention of the Functional Plan to limit what any Society does. It is intended only to set up a means by which Societies can act together on what they agree to be a common problem. I think you might do well to read this article about Needles. It reveals some attitudes and arguments that might be thrown at you in the course of the discussion at your meeting.

Then turning to Page 86 of the same issue, we find an interesting couple of paragraphs under the title of "Tax Troubles."
This is along the lines of my statement relative to the tax situation of EJC and ECPD. In case you don't have a chance to read it, here is what it says,

"Engineers' Joint Council celebrated the anniversary of its year-old application for a new tax classification

by requesting an autumn meeting with the Bureau of Internal Revenue. EJC is understandably nervous. No new tax classification and EJC could not move into the new engineering headquarters building next year. The application was filed as soon as possible after EJC incorporated, in the summer of 1959. Not until last June was EJC notified its application was being considered. Highers' Council for Professional Development was successful in getting the necessary re-classification allowing them to tenant in the new headquarters, and it is waiting to see what happens to EJC before doing anything else toward a merger."

This stuff is written by a smart young lady named
Marjoric Oden who is the "Eastern Editor" of CONSULTING ENGINEER.
She was in my office this afternoon looking for news from AIEE. I
doubt that she got very much. She is not so much interested in us
now since our President is not a Consulting Engineer. In general,
the secretaries around here are careful about discussing matters
with her because she does some pretty direct reporting and like every
good reporter, is particularly interested in controversial subjects.
Another example of her writing is the report on EUSEC beginning on
Page 158.

When the President heard of what transpired on Friday afternoon, he immediately wrote a letter to San Francisco but did not mail it. The last I heard, he was thinking it over. Whether he sent it this morning (Monday), I don't know. I had a tentative engagement to see him this afternoon subject to his call but he didn't call. My next appointment is next Friday afternoon, September 16. My own opinion is that a letter would be too slow anyway. The matter probably will be settled by telephone before his letter is received. I spoke to the Secretary of ASME about it also on Friday afternoon and he promised to get some machinery started although he was surprised and a little shocked because the action was not in line with the wishes of ASME. He recognises, however, that under the present conditions, it would be well to promote the No. 1 candidate.

Cordially yours,

N S. Hibshman Executive Secretary

NSH: apw

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September 13, 1960

Mr. C. T. Pearce Westinghouse Electric Corporation 3001 Walnut Street Philadelphia 4, Pennsylvania

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N S. Hibshman Executive Secretary

MEH: aper

September 12, 1960

Mr. C. T. Pearce Westinghouse Electric Corporation 3001 Walnut Street Philadelphia 4, Pennsylvania

"ORGANIZING ... UNITY"

Dear Cullen:

I have read your text for presentation at Wilkes-Barre this week and in Philadelphia on November 14. I find nothing wrong with it. It seems to me a very complete and fair exposition of the subject which should serve as a good basis for the useful evening's discussion. I hope you have larger audiences than some of these meetings have turned out in the past.

Just to prove that I have actually read your text all the way through, I will now proceed to do a little nit-picking.

Page 1, paragraph 1 - While I have never had a course in public speaking myself, I have heard that the experts advise against starting out by apologizing for, or in any way, under-rating your subject. It is a common, modest, engineering approach to be sure. Another possible way of introducing the subject is to point out the huge problems of coordination and understanding and "unity" involved in international and national politics and go from there to the fact that the engineers have a rather simple problem compared with these but, it too has its complexities and human factors, etc.

Page 1, paragraph 2 - Somewhat along the same line is my reaction to the term "pitch" which has the connotation of high-pressure selling by fast talk.

Page 1, paragraph 3 - Here again, I find in the fist sentence something a little bit negative in its presentation although I guess, essentially true. On the other hand, we have UET, EJC, ECPD, EUSEC, ESPS, and a great many more formal and informal organizations of engineers who have gotten together to do a job of some kind in which they have a common interest. We have a lot of partial unity - we have a lot of examples of working together for a common purpose. Maybe what overall unity needs is a sufficiently well-defined and significant purpose. In other words, "Unity for What?"

Page 2, paragraph 4 - Two very small points here indeed:

AIChE is not in the 39th Street building. They are at 25 West 45th Street.

They will, of course, be in the new building. The second point is that

a surprisingly large amount of money was contributed by the members of the original three Founder Societies for the erection of the building on 39th Street. The per capita contributions from AIEE, for instance, were a good deal more than they will be to the new building. It is true, of course, that Mr. Carnegie's large gift made the building possible. There was a story about this in ELECTRICAL ENGINEERING which I unfortunately don't have the time to look up now and it is not too material for your purposes. However, it may be of interest to note that the original three Societies were AIME, ASME, and AIEE. ASCE did not come into the building until 1916 when it became the fourth Founder Society.

Page 3, paragraph 3 - Walter Barrett objects to the use of "Federation" in describing EJC and ECPD. I think his point is that in a federation, the constituents should give up some of their sovereignty and authority to the overall organisation, as in the relation of the States to the Federal Government. He says that AIEE and the other constituents of these Bodies have not surrendered any such authority. I personally prefer to use the word rather generally as you have and it doesn't bother me at all. However, the thought does occur to me that in the strictest sense, NSPE is more of a federation than are EJC and ECPD. The local Chapters and state Societies have a great deal of autonomy, part of which I believe they surrendered to the national organization. The only reason I mention matters of this kind is that you might get questions or arguments thrown at you in such a meeting that would involve thinking of this kind. The same use of the word "Federation" occurs in the second paragraph of the following page.

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Page 5, paragraph 1 - The term "Junior Members" is new to me. You are, of course, a much more active NSPE man than I am. I thought they called them Engineers In Training. Or is this something different? The last sentence of this paragraph mentions the fact that NSPE has declined membership in EJC. You may also be asked as to whether NSPE has declined membership in ECPD. As you probably know, it applied for membership in ECPD but was for all intents and purposes, turned down because it did not receive the necessary number of votes to be elected. AIEE voted for it three times over but ASCE voted no, as I think did also the Miners. The Canadians abstained and that prevented the necessary two-third vote. This is nothing to bring up in your talk but it might come up in the questions.

Page 6 - I hope you don't get to kicking these old plans around at your meeting. I guess it's necessary to review them briefly, as you have, but it doesn't seem to me that they have much bearing on

the present discussion. Either in this part of the paper on which I have no comment or somewhere, I think it would be well to be prepared with the enumeration of the things that "the Functional Plan is not" as Welter Barrett did in his article. I don't know whether Welter has it in there or not but it is clearly not intended that AIEE or any other Society give up anything that they now do or want to do for their members. The Functional Plan has to do only with those things which the constituents decide they want to do jointly and together. This is something that I think the Civil Engineers have never quite understood.

Page 10. last sentence - I am not familiar with the chart you are using here but I assume it is an authentic and accurate picture of the intent of the authors of the EJC-ECPD merger. I don't recall having seen a chart of this kind put forward by the people that I identified as the chief architects of this plan. In fact, my recollection is that they have always avoided committing it to a chart form. I personally have never been able to identify a single, positive advantage to be achieved by the merger of EJC and ECPD. To my mind, it does nothing but create additional confusion and would certainly interfere with the effectiveness of ECPD. The whole scheme is, of course, quiet now because the ECPD Council decided not to go any further with the matter until EJC's tax position is clarified.

Page 16, second paragraph - Mention of the tax matter prompts me to skip along here and point out that ECPD has definitely been granted 501C3 tax classification. The enclosed letter from the Internal Revenue Service is very clear on the point and I think you should have a copy in case the question comes up. ECPD is classified 501C3. On the other hand, EJC still awaits a final ruling. Every indication that has come back from the Internal Revenue Service, so far as I know, has been on the negative side. The last reports I heard was that the officers of EJC were discouraged and apprehensive. This, of course, is not for publication or repeating but you can state very definitely that ECPD is 501C3 and EJC is not. This, of course, renders any such merger impossible. If EJC should get a 501C3 classification. I am sure that the plan will be again pushed. In my own personal view (not for publication) the whole merger scheme is well expressed by one of the EJC officers who referred to ECPD as a "valuable prestige property" which EJC should acquire as a part of its expansion program.

I think your closing is good. I also think that it would be entirely proper for you to refer to the agreement signed by the Past-Presidents' Task Force and approved by EJC on Friday as a step toward unity in practice or unity in action, if not in organization.

I talked to Tim Linville on Friday afternoon after you left and he assured me that he had written to you commenting on your text Mr. C. T. Pearce, September 12, 1960, Page 4.

for this speech. I am sure that you will find many helpful suggestions in Tim's review of it. I have not received a copy of what Tim wrote. There is no reason why I should. I just wanted you to know if, by any chance, I said anything which he had also said, it is purely coincidental. On the other hand, if I have said something with which Tim would not agree, I strongly urge you to follow Tim's advice because he and Welter Barrett are the two greatest living authorities north of Texas, at least. After the research you have done and the experience you are likely to get out of these meetings. I expect you will be classified right along with them.

Cordially yours,

N. S. Hibshman
Executive Secretary

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September 12, 1960

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Page 4, veragraph 3 - This seems to me a rather casual introduction of the Body which is the num of this whole discussion; "One other Society which cortainly deserves mention..."

Tou are, of dourse, a much more active MSPE men then I am. I thought Shay called them Engineers In Braining. Or is this something different? The last sentence of this paragraph mentions the fact that MSPE has declined membership in EJC. You may also be asked as to whether MSPE has declined membership in ECPD. As you probably know, it applied for membership in ECPD but was for all intents and purposes, turned down because it did not receive the mecassary number of votes to be elected. ALEE wood for it three times over but ASCE voted no, as I think did also the Mimore. The Comedians abstained and that prevented the mecassary two-third vote. This is nothing to bring up in your talk but it might come up in the questions.

Page 6 - I hope you don't got to kicking these old plans around at your meeting. I guess it's necessary to review them briefly, as you have, but it doesn't seem to us that they have much bearing on

the present discussion. Either in this part of the paper on which I have no comment or semewhere, I think it would be well to be prepared with the enumeration of the things that "the Functional Plan is not" as Walter Barrett did in his article. I don't know whether Walter has it in there or not but it is clearly not intended that AIEE or any other Society give up anything that they now do or want to do for their members. The Functional Plan has to do only with those things which the constituents decide they want to do jointly and together. This is something that I think the Civil Engineers have never quite understood.

Page 10, last sentence - I am not familiar with the chart you are using here but I assume it is an authentic and accurate picture of the intent of the authors of the EJC-ECPD merger. I don't recall having seen a chart of this kind put forward by the people that I identified as the chief architects of this plan. In fact, my recollection is that they have always avoided committing it to a chart form. I personally have never been able to identify a single, positive advantage to be achieved by the merger of EJC and ECPD. To my mind, it does nothing but create additional confusion and would certainly interfers with the effectiveness of ECPD. The whole scheme is, of course, quiet now because the ECPD Council decided not to go any further with the matter until EJC's tax position is clarified.

Page 16, second paragraph . Mention of the tax matter prompts me to skip along here and point out that ECPD has definitely been granted 501C3 tax classification. The enclosed letter from the Internal Revenue Service is very clear on the point and I think you should have a copy in case the question comes up. ECPD is classified 501C3. On the other hand, EJC still emeits a final ruling. Every indication that has come back from the Internal Revenue Service, so for as I know, has been on the negative side. The last reports I heard was that the officers of EJC were discouraged and apprehensive. This, of course, is not for publication or repeating but you can state very definitely that ECPD is 501C3 and EJC is not. This, of course, renders any such merger impossible. If EJC should get a 501C3 classification, I am sure that the plan will be again pushed. In my own personal view (not for publication) the whole merger scheme is well expressed by one of the EJC officers who referred to ECPD as a "valuable prestige property" which EJC should acquire as a part of its expension program.

I think your closing is good. I also think that it would be entirely proper for you to refer to the agreement signed by the Past-Presidents' Task Force and approved by EJC on Friday as a step toward unity in practice or unity in action, if not in organization.

I talked to Tim Linville on Friday afternoon after you left and he assured me that he had written to you commenting on your text

Mr. C. T. Pearce, September 12, 1960, Page 4.

for this speech. I am sure that you will find many helpful suggestions in Tim's review of it. I have not received a copy of what Tim wrote. There is no reason why I should. I just wanted you to know if, by any chance, I said anything which he had also said, it is purely coincidental. On the other hand, if I have said something with which Tim would not agree, I strongly urge you to follow Tim's advice because he and Walter Barrett are the two greatest living authorities north of Texas, at least. After the research you have done and the experience you are likely to get out of these meetings, I expect you will be classified right along with them.

Cordially yours,

No S. Hibshman Executive Secretary

MSH: apw

AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS
33 WEST THIRTY-NINTH STREET
NEW YORK 18, N.Y.
TELEPHONE PENNSYLVANIA 6-9220

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TELEPHONE PENNSYLVANIA 6-9220 CABLE. CYANDRIC

September 12, 1960

To the Intersociety Relations Committee 1960-1961

Gentlemen:

The President is pleased to announce that Mr. W. H. Chase has been appointed to be Chairman of the Intersociety Relations Committee for the administrative year ending July 31, 1961 and that the following have been appointed to serve as members of the committee for a term of three years ending July 31, 1963:

Mr. G. H. Brown Mr. C. F. Hochgesang Mr. A. A. Johnson

The committee is responsible for its internal organization and the continuation of the tasks now under way. The President assumes that each member will accept such assignments as the Chairman will make within the scope of the committee.

The bylaw defining the committee's scope is printed on the back of this sheet. Specific plans for the coming administrative year will be announced by the Chairman.

Cordially yours,

N. S. Hibshman Executive Secretary

cc: Mr. C. H. Linder

NSH: epw

(over)

"INTERSOCIETY RELATIONS COMMITTEE

Амдиции визгитите от Епретопельский импирация

The Intersociety Relations Committee consists of nine members appointed by the President. The terms of appointment of one-third of the members expire at the close of each administrative year. (Experience with the major federation and intersociety groups should, to the extent feasible, be represented in the membership of the committee.) The Chairman for each administrative year is designated by the President for that year. The Committee organizes as necessary to effectuate its assigned responsibilities.

The Committee reports to the Board and is responsible for the following:

Advising the Board on matters of policy with respect to current intersociety affairs.

Representing the Institute in negotiations of new intersociety relations.

Formulating methods for the application of Institute policy to intersociety problems.

Promoting the implementation of Institute policies and programs in the field of intersociety relations.

The sound of the last of the particle of the

Carrying out any related activity assigned to the Committee by the Board of Directors."



September 9, 1960

Mr. Walter J. Barrett
Past President, AIEE
New Jersey Bell Telephone Company
540 Broad Street
Newark, New Jersey

Dear Walter:

At long last I have had an opportunity and have just completed a thorough review of the correspondence generated during the past month or so in the framework of the Past Presidents' Task Force on Unity. Also I have just been informed that the report was submitted to the EJC Board Meeting today and was approved.

Needless to say, I am delighted, as I know you are, with the progress that has been made and feel this is a very substantial step forward in gaining the objectives which have been worked on so diligently by you and others in AIEE. I think it is a great compliment to you that this progress has been achieved.

Best personal regards.

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Sincerely yours,

O Done was Sind

The Samuel Loss of the Party of the

CH Linder:m

cc- NS Hibshman

INTERSOCIETY RELATIONS COMMITTEE

W. H. Chase - Chairman 1961

		Appointed to
IRE	W. S. Hill	1962
	E. I. Green	1962
	G. H. Brown	1963
	L. C. Holmes	1962
UNITY	W. J. Barrett	1961
	T. M. Linville	1961
ECPD P	A. A. Johnson	1963
EJC	C. F. Hochgesang	1963

SK'k by Mu Ludes
9/8/60
9/8/60

AMERICAN INSTITUTE of ELECTRICAL ENGINEERS

(HEADQUARTERS: 33 WEST THIRTY-NINTH STREET, NEW YORK 18, N. Y.)

I. H. FOOTE President



Please address reply to COMMONWEALTH ASSOCIATES, INC. 209 E. Washington Ave. Jackson, Michigan TELEPHONE STATE 4-6111

leptember 8, 1960

r. Valter J. Berrett wit, Nov Jacocy

Boor Mr. Morrott:

In going into the mail accumulation, I find the Report of the to' Took Force on Unity, which is signed by all five of the Past Presidents including yourself, comprising the consistee at th out time.

May I congrabulate you on this annuing report and express a procletion for the transmisus jeb which you have do ring the past several years. It seems to me that this redistinct stop forward towards the acceptance of the principle of a functional plan. If we rest at this point for a few years, we may find the the operations of the three organizations involved here actually implemented the Functional Flan, so that its subsequent adoption may in fact a recognition and validation of th e next covered years.

Of course, this is an optimistic view, and perhaps it is too optimistic, but the seeds of unity are certainly evident in this report, and I am most haparal of success, if we do not press too hard, but re let the saids spreak, develop and gree in a natural fashion.

I metics that the report is addressed to the Presidents of the Posicion, but technically it should be addressed to Mr. Linder be took office 15 & to of the report. Purhaye in its should be us final form this chap

Again, may I congrebulate you on a fine achievement.

Minestell hours,

JEPieff

IRC

AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS

33 WEST THIRTY-NINTH STREET

NEW YORK 18, N.Y.



TELEPHONE PENNSYLVANIA 6-9220
CABLE CYANDRIC

September 6, 1960

To the AIEE Members
EJC Board of Directors

PAST-PRESIDENTS: TASK
COMMITTEE RECOMMENDATIONS

Gentlemen:

Attached is a copy of a recommendation agreed upon by the Past-Presidents' Task Committee (on Unity), referred to in the minutes of the EJC Executive Committee August 16, 1960, page 2 Vl.(b), and probably on the agenda of the EJC Board meeting of September 9, 1960. This document is of such interest and significance that it seemed to me desirable that you should have an opportunity to see it before the EJC Board meeting although it may not as this is written have been officially transmitted to our President.

Mr. Walter J. Barrett who signed the agreement on behalf of AIRE makes the following comments:

The report is the result of the final meeting of the past presidents in New York on August 15th and is the first on which complete agreement has been possible. It is important to note that the recommendations of the past presidents in no way conflict with the current activities of AIEE, ASME, and NSPE directed toward securing acceptance of the Functional Plan (see recommendation #3). The recommended periodic meetings of the designated officers of EJC, ECPD, and NSPE for the purposes indicated in the report would constitute a great step in the direction of the board objectives of the Functional Plan. If from these meetings should come recommendations to the societies that the fields of activity of NSPE and the two joint councils be divided along the lines laid down in the Functional Plan, and I do not regard this as at all unlikely, and if such recommendations are approved by the societies, we should then have achieved our ultimate goal. In that event, it could well be that the periodic meetings of the designated officers might be replaced by a more formal coordinating group such as that described in the Memorandum of Intent.

"There is no reason why we should not simultaneously pursue our objective by this means as well as by means of the activities on which we have already embarked with ASME and NSPE. It would seem to me that the steps recommended by the past presidents improve the likelihood of success of our efforts and should result in bringing closer the time when we shall have straightened out the presently tangled organization of the profession."

Cordially yours,

N. S. Hibshman Executive Secretary

NSH: epw Encl.

cc: Mr. C. H. Linder Mr. W. H. Chase

Mr. W. J. Barrett

ATTACHMENT III
Executive Committee 9/20/60
Agenda Item 5.1

REPORT OF THE PAST PRESIDENTS! TASK FORCE ON UNITY

This committee was appointed in 1958 by coordinated action of the Founder Societies for the purpose of developing a recommendation, the implementation of which would lead to more efficient, effective, and where advantageous, a united effort on the part of the numerous engineering societies. The need or desire for doing something was expressed differently by various individuals but the underlying theme seemed to be that as a result of the extensive proliferation of engineering societies without overall planning and broad perspective, there was insufficient coordination amid excessive duplication of effort, and many individual engineers do not feel a unified purpose that can be associated with their profession.

It was natural under the circumstances to over-simplify the constructive resolution of this complex state of affairs into a search for "unity." As the committee tackled the possible routes toward bringing about this over-simplified goal of "unity" it immediately became apparent that it had to inquire into the questions of "unity for what purposes." An analysis of some "for what purposes" indicated in certain cases that there was no need for "unity" per se. In other cases it seemed impossible, if not untimely, to agree upon objectives that cut across the entire engineering profession.

Previously proposed plans, such as the Functional Plan and the merger of EJC and ECPD, added to the complexity of the situation because various people not only viewed them differently on the basis of their own apparent merits but also in relation to this goal of "unity." Many modifications and consolidations of these plans were considered at length without finding one which could be unanimously supported. This is a direct result of the fact that it is not clear what area the engineering profession wants to be united on to a greater degree.

As the committee then contemplated the degree and manner in which the profession is already united it noted the extensive unifying effects of the two federated societies EJC and ECPD and also NSPE which encompasses members from the various branches of engineering. Thorough analysis revealed that if the activities of these three societies could be coordinated so as to minimize duplication of effort and to maximize the total effectiveness, major benefits would accrue to the profession.

Coordination by means of <u>formal</u> changes in organizations or the creation of new agencies proved impossible of resolution on a unanimous basis. It appeared, however, that <u>informal</u> coordination can be expected to produce effective cooperation and results that will do much to satisfy the profession. The committee therefore with complete unanimity is happy to offer the following recommendation:

- 1. That the president and vice president respectively of EJC, ECPD, and NSPE meet at least four times a year for the purpose of recommending procedures for:
 - a. eliminating undesirable duplicate effort
 - b. improving effectiveness and efficiency in the total society effort

and for the purpose of:

- a. supporting one another's programs in principle and spirit and actively where feasible
- b. undertaking any other steps that are in the best interests of the engineering profession that can be handled best by this unified approach
- 2. That the Founder Societies who created this committee, endorse these recommendations and effectively present them for endorsement by the constituent societies of EJC and ECPD for the purpose of providing maximum support for the proposal.
- 3. That this particular plan not be considered a final solution to the engineering society complex but rather as a constructive step which can be taken immediately without in any way impairing the installation of any plan which might appear more effective.

-2-

In view of the fact that implementation of these recommendations is clearly within the rights, if not the responsibility, of the heads of EJC, ECPD, and NSPE, copies of this report with the request for early favorable acceptance and initiation of the plan will be addressed to

- A. B. Kinzel, president EJC
- W. L. Everitt, president ECPD
- N. E. Hull, president NSPE

The committee wishes to express appreciation to J. N. Landis, past president of ASME, and L. F.Hickernell, past president of AIRE, for their efforts during the period they were members of this committee.

Respectfully submitted,

W. J. Barrett

L. R. Howson

A. B. Kinzel

G. B. Warren

G. E. Holbrook

AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS

33 WEST THIRTY-NINTH STREET
NEW YORK 18, N.Y.



TELEPHONE PENNSYLVANIA 6-9220
CABLE CYANDRIC

WALTER J. BARRETT

September 2, 1960

Mr. N. S. Hibshman, Executive Secretary American Institute of Electrical Engineers 33 West 39th Street New York 18, New York

Dear Nelson:

After talking with you this morning, I telephoned George Holbrook and he told me that, after talking with all the other past presidents involved, he had instructed his secretary to send out the report in the form attached hereto. The report is being sent to the presidents of the Founder Societies and of EJC, ECPD, and NSPE, with copies to the signers and to Messrs. Landis and Hickernell.

The report is the result of the final meeting of the past presidents in New York on August 15th and is the first on which complete agreement has been possible. It is important to note that the recommendations of the past presidents in no way conflict with the current activities of AIEE, ASME, and NSPE directed toward securing acceptance of the Functional Plan (see recommendation #3). The recommended periodic meetings of the designated officers of EJC, ECPD, and NSPE for the purposes indicated in the report would constitute a great step in the direction of the broad objectives of the Functional Plan. If from these meetings should come recommendations to the societies that the fields of activity of NSPE and the two joint councils be divided along the lines laid down in the Functional Plan, and I do not regard this as at all unlikely, and if such recommendations are approved by the societies, we should then have achieved our ultimate goal. In that event, it could well be that the periodic meetings of the designated officers might be replaced by a more formal coordinating group such as that described in the Memorandum of Intent.

There is no reason why we should not simultaneously pursue our objective by this means as well as by means of the activities on which we have already embarked with ASME and NSPE. It would seem to me that the steps recommended by the past presidents improve the likelihood of success of our efforts and should result in bringing closer the time when we shall have straightened out the presently tangled organization of the profession.

Cordially,

RAL/

Enclosure

Copies to:
Messrs. Linder
Chase
Linville

Hacter

REPORT OF THE PAST PRESIDENTS' TASK FORCE ON UNITY

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It was natural under the circumstances to over-simplify the constructive resolution of this complex state of affairs into a search for "unity." As the committee tackled the possible routes toward bringing about this over-simplified goal of "unity" it immediately became apparent that it had to inquire into the question of "unity for what purposes." An analysis of some "for what purposes" indicated in certain cases that there was no need for "unity" per se. In other cases it seemed impossible, if not untimely, to agree upon objectives that cut across the entire engineering profession.

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As the committee then contemplated the degree and manner in which the profession is already united it noted the extensive unifying effects of the two federated societies EJC and ECPD and also NSPE which encompasses members from the various branches of engineering. Thorough analysis revealed that if the activities of these three societies could be coordinated so as to minimize duplication of effort and to maximize the total effectiveness, major benefits would accrue to the profession.

Coordination by means of <u>formal</u> changes in organizations or the creation of new agencies proved impossible of resolution on a unanimous basis. It appeared, however, that <u>informal</u> coordination can be expected to produce effective cooperation and results that will do much to satisfy the profession. The committee therefore with complete unanimity is happy to offer the following recommendation:

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In view of the fact that implementation of these recommendations is clearly within the rights, if not the responsibility, of the heads of EJC, ECPD, and NSPE, copies of this report with the request for early favorable acceptance and initiation of the plan will be addressed to

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N. E. Hull, president NSPE

The committee wishes to express appreciation to J. N. Landis, past president of ASME, and L. F. Hickernell, past president of AIEE, for their efforts during the period they were members of this committee.

Respectfully submitted,

W. J. Barrett

L. R. Howson

A. B. Kinzel

G. B. Warren

G. E. Holbrook

August 31, 1960 Mr. W. J. Barrett New Jersey Bell Telephone Company 540 Broad Street Newark 1, New Jersey PAST-PRESIDENTS' TASK COMMITTEE Dear Walter: After your very interesting description of the remarkable progress made by the Past-Presidents' Task Committee, I got out the Minutes of the EJC Executive Committee Meeting of August 16, 1960 which came in just the other day but which I had not yet read. I don't know whether you receive the Minutes of this body or not, but in case you don't, you will be interested in what is recorded there under this subject. "V1(b) Past-Presidents' Task Committee - Dr. Kinzel reported on the August 15 meeting of the committee which has led to a general agreement to be reported to the appointing Societies and the recommendation that the Presidents and Vice-Presidents of EJC, ECPD, and NSPE meet quarterly to discuss subjects of mutual interest and develop recommendations to the organizations on areas and means of cooperation. After discussion, it was agreed to recommend to the Board of Directors that the President and Vice-President be authorized to meet with corresponding officers of ECPD and NSPE as recommended by the Past-Presidents' Task Committee." This is, of course, a condensed statement, adequate for the purposes of the Minutes, but I had hoped that I would find the agreement recorded, at least in an appendix to these Minutes. I assume that the gains are adequately acknowledged by the words "... as recommended by the Past-Presidents' Task Committee." That, I understand, is a definite document signed by all members of the committee. Cordially yours, N. S. Hibshman Executive Secretary NSH: epw



AMERICAN INSTITUTE of ELECTRICAL ENGINEERS

(HEADQUARTERS: 33 WEST THIRTY-NINTH STREET, NEW YORK 18, N. Y.)

Address Reply to C. T. Pearce

C. T. Pearce Westinghouse Electric Corp. 3001 Walnut Street Philadelphia 4, Pa. August 26, 1960

Hr. T. M. Linville, Chairman, AIEE Task Force
On Organizing The Engineering Profession To Achieva Unity
General Electric Co.
P.O. Box 1088
Schenectady, N.Y. RE: JOINT MEETING OF PHILADELPHIA AI

RE: JOINT MEETING OF PHILADELPHIA AIRE &
ASME SECTIONS ON NOVEMBER 14, 1960
"Organizing The Engineering Profession To Achieve Unity"

Dear Tim:

This letter is being written in connection with the first semience of the last paragraph of your letter of July 5 to members of the AIEE Task Force, requesting that reports on meeting plans be furnished in September, which date I am anticipating by a few days.

Arrangements have been completed to held a joint meeting of the Philadelphia AIRE and ASME Sections on November 14 of this year. Although joint with ASME, this meeting is being aponeous by AIRE, and the Philadelphia AYER Section is making all arrangements for the program.

I will be the first speaker on the program, and will spend about 30 minutes reviewing the history of past unsuccessful attempts to achieve unity in the engineering profession, together with describing the salient features of the AIEE Functional Plan and the EJC-ECPD Amalgamation Plan. I will also list the major arguments and counter-arguments which have been advanced by the proponents of both plans, and explain how the provisions of these plans might be expected to affect the present activities of the five founder engineering societies and the National Society of Professional Engineers.

All local Sections or Chapters of the four other founder engineering societies (ASDE, ASCE, AICHE, and AINE), as well as the National Society of Professional Engineers, have accepted invitations to furnish panel representatives to follow me on the program and present the viewpoints of their respective modisties on these two alternate plans, or any others. Each of these five panel members will be given a maximum time of 10 minutes for his presentation. In addition, all of these societies have agreed to publicise this meeting to their membership, from which we hope to be able to swell the attendance.

The meeting will conclude with a discussion period in which the other five panel members will participate.

The panelist representing NSPE (Mr. Frank W. A. Myers, Immediate Past President of the Pennsylvania Society of Professional Engineers) has agreed to present the results of the MSPE opinion pell published in the June 1960 issue of the "American Engineer". To assist him in this, I have given him a copy of the attached brief analysis which I have prepared on this poll.

This program arrangement deviates somewhat from the procedure recommended in Section B of the AIEE Manual on this subject, but I felt that it would be preferable for the moderator (myself in this case) to cover the entire background of the subject, rather than try to divide it up between various panel members. You will recall that you approved this type of program in response to a question which I asked you during the Section Belegates' Conference on June 21 in Atlantic City.

Enclosed for both you and Mr. Hibshman is a copy of the talk which I have prepared for presentation at this meeting. If either of you have any comments on the text, I would be very glad to receive them. Any revisions which you recommend should reach me by no later than September 15, and earlier if possible, since I have promised each of the other five panel members a copy of my talk before the end of September. Also, I am giving much the same talk, although slightly abbreviated, before a joint AIRE-PSPE Meeting in Wilkes Marre on September 16, at the invitation of Mr. W. M. Middieton who will set as moderator, in his capacity as a member of the AIRE Task Force.

I am sure that it will be necessary for me to make a few deletions or contractions in this script, as now prepared, in order to remain within the 30 minute time limit. My present intention is to dispose of the section on tax considerations, appearing on pages 15 and 16, by merely stating that the Functional Plan would also have an expected tax advantage over the EJC-ECPD merger proposal, and offering to emplain this angle further during the discussion period if anyone is interested. Purhaps I will also find it necessary to omit the three paragraphs on page 17, quoting humorous statements by Mesers. Meedles and Everitt.

Also enclosed are copies of the two organization charts and the questionnaire sheet, referred to in the second paragraph of my talk. I copied the organization thert on the proposed EJC-ECPD Analgametion Plan from a write-up prepared early this year by Mr. R. H. Tull, then Second Vice President of the American Society of Heating, Refrigerating And Air-Conditioning Engineers, which I received through EJC channels. I trust that this questionnaire sheet, when filled out, will give all of the information requested in the "report form" attached to your letter of July 5.

Sincerely yours,

. T. Pearce. Chairman & Dir

C. T. Pearce, Chairman & Director General Administration Department

1960 MSPE OPINION POLL ON "ORGANIZING THE ENGINEERING PROFESSION"

This poll was based on a very comprehensive questionnaire comprising 17 questions, many of which consisted of several parts. The results were published in the June 1960 issue of "The American Engineer", which is the official NSPE publication. There were 12,912 returns, or 28%. Some of the more significant results were as follows:

- One Of those responding to this questionnaire, 20.5% were members of ASCE, 15.3% of AIRE, 12.9% of ASME, 2.7% of AIME, and 2.6% of AICHE. This adds up to a total of 54% belonging to one of the founder societies. In addition, 17.7% belonged to one of the other national technical societies not represented in the founders group, bringing the total to 71.7%. This illustrates the high content of technical society membership opinion in the results of this poll.
 - Two 77.6% favored the AIEE Functional Plan as a desirable first step in improving the organization of the engineering profession, and 69.3% felt that this plan would be improved by the use of a Coordinating Council made up of representatives from ECPD, EJC, and ESPE.
 - Three Only 12.5% were in favor of MSPE joining EJC, and 27.5% in favor of joining ECPD. Of course, there was an appreciable percentage who did not express any opinion on these two questions, but the negative votes were well in the majority in both cases.
 - Four 66.1% voted against admitting qualified non-registered engineers to NSPE membership at any level.
 - Five On the question in which we are particularly interested,
 namely, "What do you think would be the most effective plan
 for organization of the engineering profession at this
 time?", the results were as follows:
 - (a) 65.7% favored the AIEE Functional Plan, of which 46.5% recommended the use of a Coordinating Council in conjunction with it.
 - (b) 19.8% flavored a Federation of Engineering Societies at the Mational level, such as EJC.
 - (c) The remaining 14.5% did not vote on this question.

Empressing these results in another way, two out of three favored the Punctional Plan, and nearly one out of two felt that a Coordinating Council would make the Functional Plan most effective. Only one in five favored a Federation of Engineering Societies at the National Level, such as EJC. A further breakdown, based on familiarity with the Functional Plan as brought out in another question, showed that about eight out of ten of those who understood the Functional Plan favored it as compared to only one in ten for the Federation.

de STA



AMERICAN INSTITUTE of ELECTRICAL ENGINEERS

(HEADQUARTERS: 33 WEST THIRTY-NINTH STREET, NEW YORK 18, N. Y.)

Address Reply to

C. T. Pearce Westinghouse Electric Corp. 3001 Welnut Street Philadelphia 4, Pa.

September 7, 1960

Mr. T. M. Linville, Chairmen, AIEE Task Force On
Organising The Engineering Profession To Achieve Unity
General Electric Co.
P.O. Bex 1088
Schenectady, N.Y. RE: JOINT MEETING OF PHILADELPHI

RE: JOINT MEETING OF PHILADELPHIA AXEE &

ASME SECTIONS ON NOVEMBER 14, 1960

"Organizing The Engineering Profession To Achieve Unity"

Dear Timt

Referring to my letter of August 26, I am enclosing for both you and Mr. Hibshman, a revised page 6 of the talk previously sent to you.

This revised page 6 incorporates the following corrections, as a result of a subsequent closer study of the December 1950 report of the exploratory group "To Consider The Increased Unity Of The Engineering Profession":

In the third line the number 16 has been changed to 15, since the report lists only 15 societies by name.

The descriptions of both Plan A and Plan B have been expanded in regard to the individual membership feature.

I treat that you will agree that these corrections are in

Sincerely yours,

C. T. Pearce, Chairman & Director General Administration Department

CC: Mr. N. S. Hibahman

"American Bar Association" (ABA). Shortly thereafter, this proposal was referred to EJC, who then appointed an exploratory group on unity from 15 major engineering societies to consider the AIEE proposal and other suggestions. Late in 1950, after extensive study and investigation, this EJC exploratory group presented a comprehensive report to its member societies, recommending consideration of four alternative unity plans as follows:

- Plan A known as the EJC Plan, which called for expansion
 of EJC to include additional societies, basically
 remaining a federation, but with automatic individual
 membership for members of the component societies.
 - Plan B known as the Modified EJC Plan, which called for expansion of EJC to include other societies; and also provided for individual membership on a voluntary basis, whether or not members of the component societies.
 - Plan C known as the Merger Plan, which called for a merger of EJC and NSPE, together with expansion to represent the entire engineering profession.
 - Plan D known as the NSPE Plan, which called for NSPE to form
 the unity organization, with modification of its
 entrance requirements to admit non-registered
 engineers.

These four plans were discussed widely among the various interested engineering societies for about a year, and some of you may recall the rather spirited discussion which took place in AIEE circles

"ORGANIZING THE ENGINEERING PROFESSION TO ACHIEVE UNITY"

By Cullen T. Pearce

(For Presentation Before Joint Meeting of Philadelphia AIEE And ASME Sections On November 14, 1960)

I cannot tell you, unfortunately, that our subject for tonight has a great deal of glamour. However, it is one which should be of very great interest to every engineer who desires to see his profession achieve the status and respect which it so richly deserves.

Before I start on my official pitch to you, I want to call attention to the three sheets of paper which have been placed on the chairs for each of you. Please do not stick them in your pocket or throw them away. Two of these sheets are organization charts of the two major plans for organizing the engineering profession to achieve unity, and may help you in following the remarks which I shall make later. The third sheet is a questionnaire to give us an opinion poll of those present here this evening. I request that you do not - repeat do not - leave here without marking this ballot sheet.

I certainly hope that all of you will be able to stay until the discussion is entirely over, before filling out this questionnaire, but in case you should have to leave early, please complete it to the best of your knowledge anyhow. In fact, the representative at the door will ask each of you for a completed ballot sheet on the way out.

During the approximately 30 minutes alloted to me on this program,

I am going to try to outline for you the history of past unsuccessful attempts 3

to achieve unity in the engineering profession, and describe the salient

features of the two major alternative plans currently receiving attention.

One of these is the Functional Organization Plan being proposed by the American Institute of Electrical Engineers (AIEE). The other is the Proposed Plan For An Amalgamation of The Engineers Joint Council (EJC) and The Engineers Council For Professional Development (ECPD). It will be necessary for me to resort to some over-simplifications in the interest of brevity, and I hope that this will not result in too much of a sacrifice in complete unqualified accuracy.

Following my remarks, each of the five other members of the panel, representing the four other founder engineering societies and the National Society of Professional Engineers, will briefly present the views of their respective societies.

We will then conclude with a discussion period, in which all members of the panel will participate, and during which we hope to be able to answer your further questions on this quite involved subject.

Having already used up a couple of the precious minutes assigned to me, I will now get started on my story.

There are five so-called founder engineering societies, the qualification being those who are members of the United Engineering Trustees, and who occupy the Engineering Societies Building in New York for which Andrew Carnegie made the original endowment in about 1904. I might add that this same group of founder societies are financing and will occupy the new Engineering Societies Center Building in New York, which is now being constructed for occupancy in 1961. These five founder engineering societies are AIEE; The American Society of Mechanical Engineers (ASME);

The American Society of Civil Engineers (ASCE); The American Institute of Mining, Metallurgical and Petroleum Engineers (AIME); and the American Institute of Chemical Engineers (AIChE). From here on, I am going to refer to these societies by their initials. Beginning with ASCE in 1852, all of these societies have been in existence for many years, representing the branch of engineering described by their respective names. There are, of course, many other prominent and well established engineering societies in existence today, in addition to this founders group.

Unity is a goal which has held the attention of engineers for many years. All kinds and types of engineers are engineers first, and specialists second. The same basic physical sciences, mathematics, and economic principles are the foundation of their work. They share interest in their responsibility for the quality of engineering education and the criteria for competence to practice. The only real differences among these groups are in respect to the parts of the technical field in which they specialize.

The founder societies in particular, have striven unsuccessfully to achieve a suitable and fully acceptable unity organization since before most of us became practicing engineers. For example, the "Engineering Council" was formed in 1916. Then, the "American Engineering Council" was organized in 1920. The "Engineers' Joint Council" (EJC) was formed in 1941, originally "to consider joint efforts in national defense". EJC has since developed into a well recognized federation type of organization, representing some 20 engineering societies, including the founders group, with all of these societies having a combined membership of a quarter million or more. It is performing a quite creditable job in

coordinating technological matters which transcend the various individual engineering fields. For example, the Engineering Manpower Commission is an agency of EJC. EJC also has committees on such activities as cooperation with the National Science Foundation, recognition of specialties in engineering, Who's Who in Engineering, automation, and the Nuclear Congress, in addition to policy panels on national transportation and national waterpower.

Another federation type of organization is the Engineers

Council For Professional Development (ECPD). It was formed in about

1932 by the five founder societies, together with the National Council

of State Boards of Engineering Examiners (NCSBEE), and The Engineering

Institute of Canada (EIC). ECPD has achieved notable success in the

four major areas of (1) - guidance programs at the pre-college levels,

(2) - the transition of young engineers from college work to professional

practice, (3) - accrediting engineering curricula, and (4) - development

of the cannons of ethics for engineers. So outstanding and basic has

been the work of ECPD that this organization is mentioned by name in the

laws of 41 states in connection with the professional practice of

engineering.

One other society which certainly deserves mention in this over all picture is The National Society of Professional Engineers

(NSPE), which was founded in 1934. It has separate organizations in every state in the Union, as well as the District of Columbia, Puerto Rico, and the Canal Zone, with each state organization comprising a number of

local chapters. NSPE has rapidly come to the fore as a strong and effective representative of professional and legislative interests of engineers at the local, state and national levels. It is an individual membership society and boasts some 46,000 professional engineers as full national members, in addition to about 6,000 Junior Members. At the present time, state registration as a Professional Engineer is a requisite for national membership, although state and local organizations are permitted to accept up to 25% of qualified unregistered engineers at those levels. Unfortunately, only about 20% of the Registered Professional Engineers in this country now belong to NSPE. As might be expected, the majority of NSPE members also belong to one or more of the National Technical Societies. NSPE is not now one of the societies represented in either of the federations, EJC or ECPD, although it has declined several invitations to join EJC.

I will now attempt to trace, quite briefly, the developments which have transpired in the search for engineering unity since about 1946. In particular, I will stress AIEE efforts in this direction, since this society has taken a leading part, with several membership questionnaires from time to time, and its activities are well documented.

In 1946, AIEE elicited membership opinion by means of a questionnaire on four different unity plans at 27 General, District and Section Meetings. Majority opinion was in favor of a single society (to be known as "The American Engineering Association"), with individual membership similar to the "American Medical Association" (AMA) and the

"American Bar Association" (ABA). Shortly thereafter, this proposal was referred to EJC, who then appointed an exploratory group on unity from 16 major engineering societies to consider the AIEE proposal and other suggestions. Late in 1950, after extensive study and investigation, this EJC exploratory group presented a comprehensive report to its member societies, recommending consideration of four alternative unity plans as follows:

- Plan A known as the EJC Plan, which called for expansion of EJC to include additional societies, remaining a federation.
- Plan B known as the Modified EJC Plan, which called for expansion of EJC to include other societies, and also provide for individual membership on a voluntary basis.
- Plan C known as the Merger Plan, which called for a merger of EJC and NSPE, together with expansion to represent the entire engineering profession.
- Plan D known as the NSPE Plan which called for NSPE

 to form the unity organization, with modification

 of its entrance requirements to admit non
 registered engineers.

These four plans were discussed widely among the various interested engineering societies for about a year, and some of you may recall the rather spirited discussion which took place in AIEE circles

in the early fifties. The majority preference of all engineering societies was for Plan A, calling for the expansion of EJC as a federation. However, AIEE expressed a strong preference for Plan C, calling for a merger of EJC and NSPE. In an effort to break this stalemate, the AIEE Board of Directors reluctantly agreed in 1952 to accept the EJC Plan as an ititial step, with the hope of eventually converting EJC from a federation to an individual membership type of organization. This acceptance was also subject to the number of EJC Directors from each society being determined on the basis of proportional membership representation, which was adopted.

In 1953, an AIEE Exploratory Committee was appointed by the President to consider whether the expansion of EJC was proving to be a successful initial step. The conclusion was negative, and it was reaffirmed that the position of AIEE was that a unity organization must include the following three features, in order to be successful:

One - individual membership.

Two - power and ability to act promptly.

Three - adequate finances.

Incidentally, this still remains the official stand of the AIEE Board of Directors for the ultimate type of organization.

This brings us to June of 1956, at which time the AIEE Board of Directors held an all day meeting on the subject of Engineering Unity in SanFrancisco, and then recommended what has since come to be known as the Functional Plan. I was fortunate enough to be present at this June 1956 meeting in my capacity as an AIEE Vice President at that time, so I am able to report from first hand observation and participation.

In essence, the AIEE Functional Plan comprised four major recommendations, and I will give you an abbreviated quotation on what these recommendations covered.

"In reappraising this situation, the AIEE Board has reached the conclusion that there is little likelihood in the immediate future of welding the activities of the various technical and professional societies into one 'American Engineering Association', to parallel the American Medical Association and the American Bar Association. Accordingly, for the present, AIEE believes that the several established organizations should operate in accordance with the division of activities outlined as follows: (still quoting)

- "1. AIEE to provide the medium for advancement in technology in all branches of electrical engineering, and to devote its efforts to this end.

 (Parenthetically, it should be added that this, of course, involved recommending to other technical societies that they adopt a similar policy in their respective engineering fields.)
- "2. Engineers' Joint Council (EJC) to provide the medium for coordination and cooperation on technological matters transcending the electrical field, (and other engineering fields as well, of course), and to present to the public the position of the engineering profession on technological matters.

- "3. The Engineers' Council for Professional Development

 (ECPD) to provide the medium for guidance in

 engineering education during high school preparation, during the undergraduate and post-graduate

 collegiate periods, and during the engineer-in
 training period for a professional career.
- "4. The National Society of Professional Engineers (NSPE) to provide the medium for the general promotion of the professional aspects of engineering in the eyes of the public, and to be instrumental in the consequential enhancement of the economic status of engineers. The term 'professional' as differentiated from 'technical' and 'educational', is construed to include such activities as registration, employment practices, salaries and fees, legislation and ethics. AIEE has for many years recommended to its members that they should take steps to register as professional engineers. NSPE should put itself in a position to represent the profession more completely by expanding its individual membership organization to include those qualified members of the profession whose work does not by law require registration, as well as registered engineers. Under such conditions, the AIEE Board proposes to recommend that all of its members affiliate with NSPE."

This proposal was made with the recognition and acceptance that the societies which we already have in operation are too large, too well established, and too valuable to disband and start over with an entirely new unity organization, at least in one big single step. It was felt that this functional plan, which made full use of existing organizations, would give these societies an opportunity to integrate their activities into any final structure which we wished to erect.

The organization chart covering the AIEE Functional Plan is given on one of the sheets which you have, with the heading of "Proposed AIEE Functional Organization Plan For The Engineering Profession". The Coordinating Council, shown on the chart in the block - "American Engineering Council" - was not an original feature of the AIEE Functional Plan, but the AIEE Board of Directors agreed to the addition of such a Council in February of 1959, to consist of representatives from EJC, ECPD, and NSPE, with its principle purposes being to insure against overlapping or duplication of interests, and as a symbol of unity in the profession, and not to serve as a directing or operating agency in itself.

Since the advent of the AIEE proposal, a very considerable amount of discussion has ensued, and there has been far from complete agreement on the part of the other societies. The major counter-proposal has come from EJC, with the backing of several of the societies, founders as well as others. The organization chart for this plan is given on the sheet which you have, identified as "Proposed EJC-ECPD Amalgamation Plan For The Engineering Profession". I copied this proposed organization chart, incidentally, from a write-up prepared early this year by Mr. R. H. Tull,

then Second Vice President of the American Society of Heating, Refrigerating And Air-Conditioning Engineers (ASHRAE). You will note from this chart that EJC and ECPD would each be represented by committees or a division of the new federation. "American Engineers Association. Incorporated", and presumably would continue to perform much the same joint functions as at present, in the technological and educational fields respectively. Likewise, the various existing engineering societies, with the exception of NSPE, would continue to perform substantially the same services for their members as at present. Up to this point, there is considerable similarity to the AIEE Functional Plan. However, there is quite a substantial departure in the manner in which professional and legislative matters would be handled. Instead of this field being assigned to NSPE, the apparent intent is to bring NSPE into the federation as a constituent society, but with no assurance that NSPE would be assigned the responsibilities and activities which it is already handling with such good success. As might be expected, NSPE is not interested in such a proposition.

Now, before I go any further, I want to emphasize that the proponents of neither plan claim that their proposal necessarily represents the best ultimate unity organization. Both do contend that their respective plan is the logical first step toward a unity organization. For example, the AIEE Functional Plan does not provide for individual membership, something which this society has always considered an essential feature of any effective unity organization. The position of AIEE is that experience with this proposed functional plan will serve as the best guide to establishing the proper type of final unity organization, if further changes are subsequently found to be

desirable. The AIEE Functional Plan is proposed as something which can be put into effect immediately, and with minimum disturbance to existing organizations, to increase unity and facilitate further progress.

Much has been both spoken and written by the proponents of these two alternative plans. From what I have heard and read on the subject, it seems to me that the most irreconcilable area of difference is in how it is proposed to handle non-technical activities such as matters of a professional, legislative and economic nature affecting the engineer. The supporters of the AIEE plan point out, I feel with complete justification, that the EJC-ECPD Amalgamation Plan would result in a very considerable duplication of effort and expense in the area already being served so well by NSPE, which is apparently covered on the organization chart by the block - "State and Local Association Division". There certainly seems to be no reason to expect that NSPE would be willing to give up any of the prerogatives and responsibilities which it now enjoys, in return for an uncertain status as a constituent society in this amalgamated federation. It will be noted, in this connection, that the chart for this plan shows only an "AEA-NSPE Coordination Council", which would not appear to be a very effective means of avoiding conflict and duplication. Consider legislation affecting engineers, to take one example. NSPE, through its constituent state societies and local chapters, already has an effective working organization to handle such matters, whether at the local, state or national levels. For the proposed EJC-ECPD merger to undertake to set up a parallel effort would require many years to accomplish, and would undoubtedly result in a substantial increase in the members dues to defray the associated expense.

My understanding of the position being taken by the proponents of the EJC-ECPD Plan is that NSPE does not number among its members a sufficiently large percentage of the engineers in this country, either registered or non-registered, to properly represent their professional and legislative interests. They furthermore question that NSPE will ever open its national membership rolls to engineers who are not registered, even though qualified in all other respects, as suggested in the AIEE Functional Plan, although I want to emphasize that this was never made a condition to the adoption of the Functional Plan. I will admit that this sounds like a rather telling argument, although certainly not one which would justify setting up a separate and competing organization in this field. Some further comments on this particular angle may be of interest.

NSPE canvassed all chapters of its state societies in 1958 to obtain their reaction on several possible alternative arrangements for admitting qualified unregistered engineers as members of the National society. The Philadelphia Chapter of PSPE voted in favor of one of these arrangements. However, the NSPE Board of Directors, acting on the basis of majority returns from all chapters, voted that membership requirements at the National level, including professional registration, remain unchanged, at least for the time being. This Board further recommended that the several State societies and local chapters seek ways and means, or use those which they already had available, to admit qualified unregistered engineers to membership at those levels. I understand that these actions have since been again confirmed by the Board of NSPE, but the door has still not been closed

to possible later admission of qualified engineers, even though not registered, to National membership. Perhaps the NSPE representative on this panel, Mr. Frank Myers, can give us later information on the status of this matter, when he speaks to us.

In regard to this same question, I can add that AIEE conducted a card poll of its approximately 14,000 full Members and Fellows in September of 1958, with the following rather significant results from the 7,400, or 53%, of valid cards returned.

First - 63% were registered Professional Engineers.

Second - 46% of those registered were members of NSPE.

Third - 71% of those who were neither registered nor members of NSPE stated that they would join NSPE if made eligible for such membership without registration.

I think this 71% figure is quite significant.

AIEE and other proponents of the Functional Plan are still hopeful that NSPE will ultimately provide the opportunity for full Members and Fellows of the founder societies to join without being required to register, at least for an interim period.

There are some still further arguments and counter-arguments being advanced in this controversy. Those backing the EJC-ECPD Merger Plan contend that the AIEE Functional Plan falls far short of a true unity organization, in that it would consist of one society with individual membership, namely NSPE; and two federations, namely EJC and ECPD; all three working independently and with no suitable means for controlling their interdependent actions. Evidently, they do not feel that the "Coordinating Council" of the Functional Plan would meet this need for a central control as effectively as a single federation.

Another difference of opinion between the two camps is whether or not it would be to the advantage of ECPD to merge with EJC. The proponents of the AIEE Functional Plan state that ECPD would not be strengthened by this merger, and might actually be weakened by losing some of its identity through being submerged in this over all federation. AIEE has gone on record that it does not want the funds which it now contributes to ECPD, and which it considers very well spent indeed, to be subject to the control of some other agency interposed between it and ECPD. Those favoring the EJC-ECPD Amalgamation Plan are just as strong in their belief that such a move would strengthen ECPD and enable more societies to take advantage of the services which it performs for the engineering profession in the educational field. Their contention is that many important societies, who are not now members of ECPD, have refrained from joining because of a "membership barrier", created by confusion concerning the respective fields of activity currently belonging to EJC and ECPD. Their argument is that a merger of the two federations would clear up any such confusion by permitting specific areas of responsibility to be assigned, and thereby eliminate this undesirable membership barrier.

As with anything we do these days which involves the use of money, the question of Internal Revenue taxation regulations also enters into a comparison of these two plans. The founder societies now enjoy a 501-C-3 tax classification, granted to educational, scientific, religious and charitable organizations. This classification permits them to receive donations and gifts which are tax deductible to the donor, in addition to real estate tax exemptions. The supporters of the AIEE Functional Plan

claim that the present desirable tax status of the founder societies might be placed in jeopardy if they became members of and helped finance a federation type of organization such as the proposed EJC-ECPD merger, which devoted an appreciable part of its efforts and funds to non-technical activities. They do not have any fear of this question arising under the Functional Plan, wherein NSPE would continue to be primarily responsible for legislation and other objectives involving improvement of the financial welfare of all engineers. NSPE is classed with trade associations, Chambers of Commerce, and the like, in the less favorable 501-C-6 category, since their avowed objectives include improving the economic welfare of their members by influencing legislation and other means. The tax status of NSPE should not be affected by the adoption of either plan.

Another tax consideration is the fact that both EJC and ECPD now hold the less desirable 501-C-6 classification, but have applied for 501-C-3. Under the Functional Plan, there appears to be a good likelihood of their requests for a more favorable tax classification being granted, whereas under the EJC-ECPD Amalgamation Plan, their specified assumption of non-technical activities would very probably result in a denial.

Although the tax classification alone should not be the deciding consideration in choosing the most desirable type of unity organization, it nevertheless would appear to be a significant point in favor of the Functional Plan in this case.

These are the major arguments and counter-arguments advanced by the proponents of these two plans, gentlemen, at least as I understand them.

I have made an honest effort to present these arguments as fairly as I can with such knowledge and background as I possess, although I am sure it is now no secret to you that I favor the AIEE Functional Plan. The panelists who follow me may express some new and different ideas, as well as some contrary opinions, and it is most certainly their prerogative to do so.

In fact, it is their responsibility to disagree with me, if that is the way they and their societies feel about it.

I think it might be appropriate at this point to introduce a little humor into this quite serious subject, by quoting some "wise cracks" from very earnest people who have spoken or written on this topic.

In his annual report, Mr. Enoch R. Needles, EJC President for 1959, said that "What some look upon as the <u>Utopia</u> of professional engineering unity is viewed by others as simply <u>Myopia</u>".

The 1958-59 President of ECPD, Mr. W. L. Everitt, told this story in his annual report, to illustrate the problem involved in achieving unity. Two clergymen were in a rather violent argument over religious matters. Finally, one broke off the discussion with the remark - "But we shouldn't argue like this - after all, we are both doing the Lord's work, you in your way, and I in His".

I believe that the present status of the unity movement is well summarized in a statement by Mr. L. F. Hickernell, 1958-59 President of AIEE, in the August 1959 issue of "Electrical Engineering", the official AIEE publication, and I quote:

"On one point, there is unity among engineers. That point is a need for unity. As to how this should be solved, there is widespread disagreement. To many, unity means one over all organization. Some believe a unity body should be a federation of existing societies. Others feel equally strongly that a federation cannot represent the engineer as an individual, especially on legislative matters.

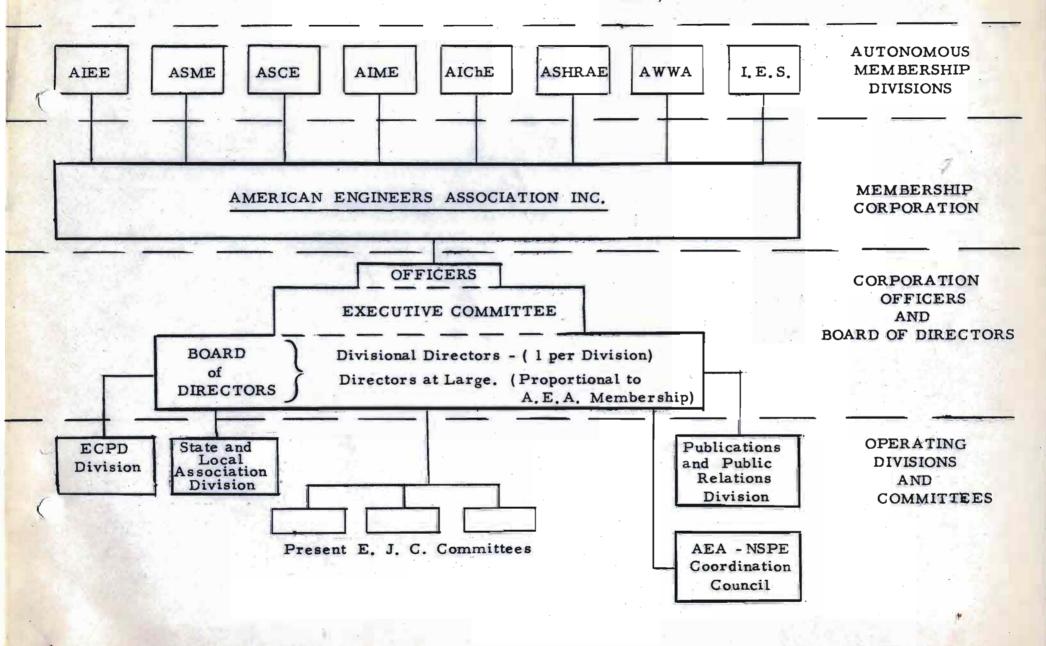
"The functional plan, with coordinating Council if such is found desirable, would provide unity for specific purposes through existing organizations; federations (EJC and ECPD) on technical and educational matters; an individual-membership society (NSPE) on professional and legislative affairs.

"Over a period of many years, plans have been formulated and proposed, considered and rejected. Sometimes it seems that the very heat generated by the intensities of discussion and argument must weld the proponents into a single unit, and that engineers will find that they are enjoying the benefits of professional unity in spite of themselves.

"Meanwhile, the trek continues and the goal is certain of attainment, if not yet visible."

Now, let's hear from the five panelists representing other societies who have kindly consented to appear on our program this evening and give their brief comments on these two alternate plans, or any others, for organizing the engineering profession to achieve unity.

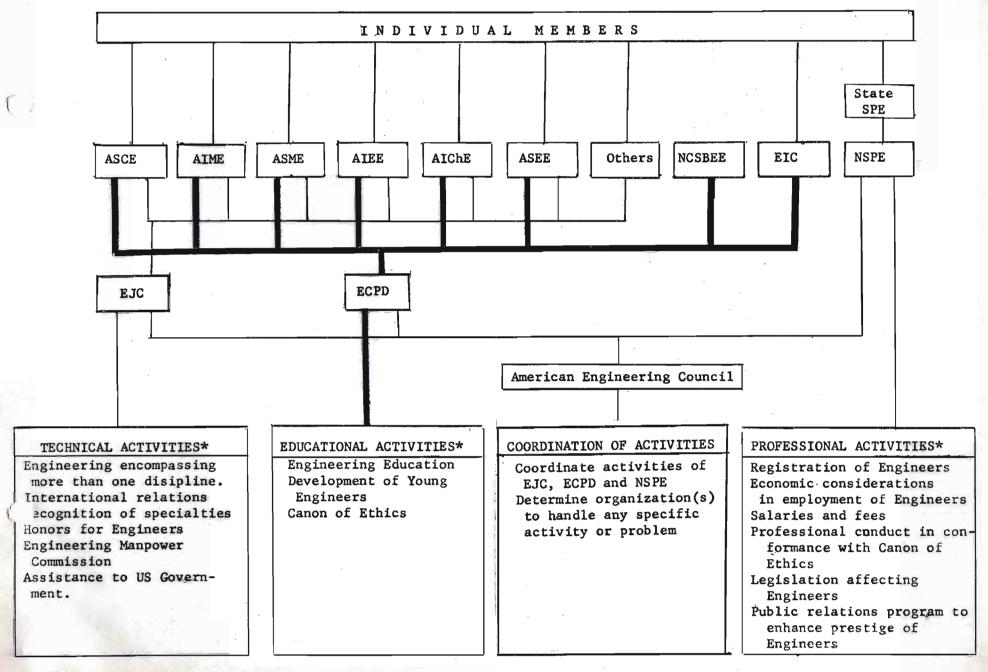
(EJC - ECPD AMALGAMATION PLAN)



OPINION POLL - PHILADELPHIA - NOVEMBER 14, 1960 "CREANIZING THE ENGINEERING PROFESSION TO ACHIEVE UNITY"

	hold membership?	
	AIEE AIME ASME AICHE NSPE IRE ASCE ASEE Other (specify)	
II	Which plan do you favor as the best approach to achieving unity in the Engineering Profession?	
	AIEE Functional Organization Plan EJC-ECPD Amalgamation Plan Any other plan (describe briefly)	
de mi	Status Que	
III	- If you had to choose between one of the two following plans, which would you prefer? AIEE Functional Organization Plan EJC-ECPD Amalgamation Plan	

PROPOSED AIEE FUNCTIONAL ORGANIZATION PLAN FOR THE ENGINEERING PROFESSION (WITH CO-ORDINATING COUNCIL)



^{*}it is intended that any Constituent Society shall continue to perform any services it desires for its own members, including Students.

AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS 33 WEST THIRTY-NINTH STREET NEW YORK 18, N. Y. TELEPHONE PENNSYLVANIA 6-9220 CABLE, CYANDRIC WALTER J. BARRETT Past PRESIDENT

August 1, 1960

Mr. Charles S. Rich, Editor and Manager of Publications American Institute of Electric Engineers 33 West 39th Street New York 18, New York

I is provide in its author for

Dear Charlie:

I have received a copy of the letter of July 25th addressed to you by the three authors of the paper offered for publication in ELECTRICAL ENGINEERING entitled "Another Step Toward the Functional Plan." The introductory part of the article has been expanded and the Summary has been revised but, in my opinion, the result is just as objectionable as the previous draft if not more so.

Specifically, they have retained the same misleading title which. I fear, indicates that they have not in any way changed their opinion that the formation of the functional group described is in fact a step toward implementation of the Functional Plan. My previous letter gave my feeling about this and Nelson Mibshman's letter of July 25th to Mr. Savage indicates that he is in agreement. The first paragraph of the previous draft has been expanded considerably and the synopsis at the head of the article has been rewritten. A good deal of the misunderstanding regarding the Functional Plan arose from the wording of the letter to our members which appeared in RE for June 1957 over the signature of Merv Coover, although it was written and revised and rewritten and revised again by a committee working in conjunction with the Board of Directors. To say the least, this letter did not make the situation clear at all; the first two paragraphs of the revision of the subject article as well as the first two sentences of the synopsis certainly do nothing to clear up the misunderstanding that resulted from the publication of the letter. These statements could easily be read. as the letter was read, as meaning that the suggestion to MSPE regarding opening up its membership rolls to nonregistered engineers was a part of the Functional Plan, which in fact it very definitely was not.

The second paragraph on page 1b says that the action taken by the Pittsfield GEEA and the Massachusetts Society of Professional Engineers is in accord with the AIEE recommendation. There is no connection. Granted that the action taken in Massachusetts may bring some nonregistered engineers into the Massachusetts Society, these men are barred from membership in the National Society of Professional Engineers by its constitution. The AIRE suggestion regarding the admission of nonregistered engineers applied not to

the Massachusetts Society nor to the New Jersey Society but to the National Society. The sentence immediately following, "This action is then a concrete step toward the ultimate accomplishment of the Functional Plan", is therefore hardly justified. As a matter of fact, and in spite of the very praiseworthy policy of NSPE quoted in the last paragraph on page la, it must not be forgotten that if a state society in following out this policy increases its nonregistered voting members to more than 25% of its total voting membership, it makes itself ineligible to remain as a constituent society of NSPE. And remember, the AIRE suggestion was that nonregistered engineers be admitted with suitable safeguards to NSPE.

Unfortunately I do not have available for reference the April 1953 issue of EE to review the "Pittsfield Plan," but it might be well to take a very careful look at this to see whether or not the last sentence of the fifth paragraph on page 2, "It proposed an organization similar to the present Functional Plan", is correct.

No change is proposed by the authors in connection with my comment on the first three lines of page 3 indicating, I fear, that my main argument has been missed, namely, that any action by any group toward becoming a functional group in NSPE has nothing whatever to do with the Functional Plan.

Neither has any change been proposed with respect to my comment on page 5, line 6.

The rewritten Summary continues to miss the same point when in the last line it refers to the formation of the functional group in question as a "concrete step toward unity through the Functional Plan."

The authors' letter to you of July 25th, in the first paragraph on page 2, reiterates their belief that the establishment of the functional group "implements the Functional Plan." I think I have done my best to get the idea across that there is no relationship between the establishment of such functional groups and the implementation of the Functional Plan but I must have failed insofar as the authors of this article are concerned.

Sincerely,

(Sgd) W. J. BARRETT

RAL/

Copies to:

Messrs. Hibshman

Savage Linville Linder Ellis Simpson Wooldridge