

MINUTES OF THE FIFTEENTH ANNUAL MEETING OF THE
SOUTHEASTERN SECTION OF THE AMERICAN SOCIETY FOR
ENGINEERING EDUCATION
APRIL 7, 8, 9, 1949

The fifteenth annual meeting of the Southeastern Section of the American Society for Engineering Education was held at the University of South Carolina, Columbia, S. C. on April 7, 8, 9, 1949.

Twenty-two of the twenty-four engineering schools in the Southeastern Section were represented at the meeting. A total of 166 persons registered for the meeting, 118 of whom were from other educational institutions and agencies, and the balance were from the University of South Carolina.

I. Research Branch Meetings

The first day was devoted to the Research Branch and was held on April 7 at 9:30 A.M. with Dr. W. G. Van Note, of North Carolina State College, Chairman, presiding. At the first session Admiral Norman M. Smith, President of the University of South Carolina, welcomed the guests to the campus. He stated that engineers should have a five-year course in order that they might have the opportunity to acquire a better rounded education.

Following Admiral Smith's welcome, Mayor Frank C. Owens greeted the audience on behalf of the City of Columbia and told of the importance that the engineer plays in the life of a community, state and nation.

The next speaker was Mr. Sam Tour, President, Sam Tour and Company, Inc., New York, who spoke on the subject "Engineering Schools and Sponsored Research--A Viewpoint from the Commercial Laboratories". He objected to what he called unfair competition on the part of some educational institutions with commercial laboratories. He asserted that inspection, sampling, analysis and testing for industry are not proper functions of an educational institution nor is institutional consulting. "Educational institutions should not engage in research and development work for private enterprise", he said, but agreed that they should be encouraged to engage in this sort of activity for the public and as an adjunct to their teaching, and for the government and defense. Patents resulting from research work at educational institutions should be dedicated to the public, he said.

Dr. Russell S. Poor, Chairman, University Relations Division, Oak Ridge Institute of Nuclear Studies, spoke on "Engineering Schools and Sponsored Research--A Viewpoint from the Schools". He stated that engineers in industry have come gradually to realize "more and more the importance of the University as an integral part of its own research programs". He expressed the opinion that because a few

institutions may be guilty of malpractices, it did not follow that the accusation could be "accurately applied to even a small percentage of the engineering schools in the country. The critical point, it seems to me," he said, "lies in results obtained, and not otherwise possible such as the number of research men trained, the number of industries which benefit from these men and their works, and I may add, the ultimate benefit which accrues to the public welfare."

Mr. John C. Green, Director, Office of Technical Services, Department of Commerce, spoke on "Engineering Schools and Sponsored Research--A Viewpoint from a Federal Sponsor". He stated that there must be a meeting ground for research of educational institutions and the commercial laboratories. "There's plenty of work to be done," he said, "--more than existing facilities can encompass." He also told of some of the activities of the federal government in sponsoring and promoting research and outlined some current trends in that field.

The second session of the group was a luncheon meeting at which Dr. J. Harold Lampe, of North Carolina State College, presided. Dr. J. W. Barker, President, Research Corporation, New York, spoke on "The Research Corporation". He told of the program of his organization and said it existed solely to encourage unsponsored research. "That is the area, it seems to me", he said, "that is more important for our educational institutions." Grants are made for research, he explained, but this research must be a delving into the unknown rather than an effort to improve upon the known.

The afternoon session was presided over by Dr. Ralph A. Morgen, of the University of Florida, and Vice Chairman of the Branch. It was devoted to talks on "Research in Fine Particle Technology" by Dr. J. M. Dalla Valle, Research Associate Professor of Chemical Engineering, Georgia Institute of Technology; "Thermal Properties of Plastics" by Dr. E. M. Schoenborn, Jr., Professor and Head of the Department of Chemical Engineering, N. C. State College; and "Weather and Electronic Research" by Mr. E. Donald Kennedy, Assistant Research Engineer, University of Florida.

Doctor Schoenborn and Mr. Kennedy illustrated their talks with slides. Doctor Schoenborn described research in testing plastics with heat and told of discovered temperatures at which they would deteriorate. Mr. Kennedy told of the results obtained in efforts to observe weather activities through the use of radar. "We have also used atmospheric noise as a means of locating electrical storms using direction-finders; and we are now striving for better methods of tracking down the lightning flash", he said.

Following the presentation of papers the Research Branch of the Section held a business meeting. In addition to other business the following officers for the Research Branch were elected to serve for the coming year: Dr. Ralph A. Morgen of the University of Florida, Chairman; Dr. E. E. Litkenhouse of Vanderbilt University,

Vice-Chairman; and Dr. Francis O'Brien of the University of Alabama, Secretary. The nominating Committee consisted of Dean N. W. Dougherty of the University of Tennessee, Chairman; Dr. R. C. Ernst of the University of Louisville, and Dr. G. A. Rosselot of the Georgia Institute of Technology.

Dean R. L. Sweigert of the Georgia Institute of Technology was named to the Fellowship Committee and the following were named to the Steering Committee: Doctor Van Note, Doctor Rosselot and Dr. Robert L. Sunwalt of the University of South Carolina.

The evening session of the group was a banquet at which Doctor Van Note, Chairman, presided. Dr. James Shelby Thomas, Educator and Economist, Miami Beach, Florida, spoke on "Research, Culture and the Dinner Bell". Doctor Thomas said that science had contributed largely to civilization as had much maligned business. Unless some way can be found to end war and class distinctions, he said, civilization will be destroyed. Democracy, he said, is a compromise between extreme liberalism and extreme conservatism. Some liberalism is needed, he said, as is some conservatism, but too much of either is bad. The speaker liberally punctuated his talk with humorous stories and laugh-provoking comments.

Entertainment for visiting women meanwhile included a coffee hour which was held at 4:30 P.M. and was given by the wives of the local engineering professors.

F. R. O'Brien
Secretary

II. Section Meetings

The second day was devoted to meetings of the Section and was held on April 8 at 9:30 A.M. with Dean Joshua E. Hannum of Alabama Polytechnic Institute, Chairman, presiding. At the first session, Admiral Norman M. Smith, introduced The Hon. J. Strom Thurmond, Governor of South Carolina, who gave the address of welcome. Governor Thurmond paid a high compliment to engineers as "builders" and said, "I don't think there is any group in the United States that is more responsible for the progress that we have made in this country than the engineers." He outlined briefly some of the industrial development taking place in South Carolina and in the South and said this section of the country has greater potentialities for industrial development in his opinion than any other section of the country. "We are beginning to realize the dream of industrialization that the South has needed so badly to balance its agriculture. A new day is dawning for the South," he said, and urged education to help point the way; for, he said, "Education is the hope of the world".

Dean Joseph Weil, Dean of Engineering of the University of Florida, spoke on "Faculty Personnel Factors and Promotions". "The Administration of the University should endeavor to select the professional staff with as great care as it does its other personnel," Dean Weil said. "If the college is to attract the young men of the state not only must there be a winning football team, an outstanding band, a beautiful campus, but also the catalog should portray the opportunities for study," he stated. He discussed the problems which often face administrative officers in making promotions and produced figures to show how opinions vary as to what constitutes valuable faculty personnel factors. Such things as teaching proficiency, productive scholarship, student counseling, administrative work, and public service are among many factors considered, it was explained. "The equation for success contains many unknowns," Dean Weil said. "As we accurately delineate these unknowns, our chances for success are greater." Dean Weil's paper was discussed by Dean Fred J. Lewis of Vanderbilt University, Dean Lampe, Dean S. B. Earle of Clemson College, Dean J. R. Cudworth of the University of Alabama, Prof. C. B. Foss of the Georgia Institute of Technology and Dean S. S. Steinberg of the University of Maryland.

Prof. W. W. Rankin, Director, Institute for Teachers of Mathematics, Duke University, spoke on "A Platform for Teachers of Mathematics". Professor Rankin urged, among other things, that teachers of mathematics, physical sciences, advanced mathematics and engineering techniques keep themselves informed concerning latest materials which will help them to guide students effectively; and give attention to "genuine" competence in arithmetic. "We favor a more liberal policy of interchange of ideas between teachers of mathematics and those who make frequent use of mathematics," he said. Secondary schools curricula in mathematics that "will challenge those students who will be leaders in science, engineering and research" also were urged, as were budgets for learning aids, laboratories in different sections of the nation, mathematics libraries, participation

by teachers in mathematics institutes and cooperation of mathematics teachers with scientific and engineering standards associations in adopting a uniform system of units of measure. Professor Rankin's platform also advocated study by colleges and universities of the possibility of offering programs leading to the master's degree in mathematics. Professor Rankin's paper was discussed by Prof. D. B. Wilcox of the Georgia Institute of Technology, Prof. G. R. Vail of Duke University, Prof. R. T. Brown of the University of Tennessee, and Prof. C. E. Hall of the University of Tennessee.

Prof. Edward K. Kraybill, Assistant Professor of Electrical Engineering, Duke University, spoke on "Engineering Educator Examines Public School Teaching Techniques". Professor Kraybill said professional training in teaching techniques was a need in engineering education. "The public school teacher, who has passed certain minimum requirements in professional training for teaching, has much to offer the engineering educator as an example in effective use and understanding of the tools we employ every day," he said. The speaker said that because of his training, the public school teacher should have at his command at least the following desirable features: constant awareness that his most important job is teaching; sound basis for choice of styles for presenting subject matter; ability to detect deep seated and sometimes baffling student difficulties; skill in choosing, planning and evaluating tests and examinations; critical choice and application of visual aids; and meaningful counseling techniques. Professor Kraybill's paper was discussed by Dean Earl B. Norris of the Virginia Polytechnic Institute, Prof. C. R. Vail, Dean R. L. Sweigert and Dean Dougherty.

The second session of the Section was a luncheon meeting at which Col. H. Gale Haynes, of The Citadel, and Vice Chairman of the Section, presided. Mr. F.C. Smith, Editor of Southern Power and Industry, Atlanta, spoke on "The Engineer--His Own Press Agent". Mr. Smith said, "Be your own press agent. Your wife may love you, but the rest of the world won't know much about your abilities until you put your accomplishments on paper." He made this suggestion to would-be writers on technical subjects. "Choose a subject from actual experience; choose a magazine that can use your kind of material; furnish good illustrations; tell your story clearly and simply; avoid unusual technical terms; make it truth - not fiction; avoid long illustrations and get on with the job; don't philosophize and stick to direct helpful information." The speaker asserted that technical writing "is a worthwhile avocation for active engineers. It pays, it promotes and it is a lot of fun".

Following the luncheon the visitors were loaded into two buses and taken on an inspection trip of Lake Murray, where guides conducted them about the vast power development of the South Carolina Electric and Gas Co. The dam at Lake Murray was formerly the largest earthen dam in the world. It is over a mile and a quarter long, is 1250 feet wide at its base at midsection and has a head of 208 feet. The lake has a shore line of 521 miles.

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The evening session was presided over by Dean Hannum, Chairman. Dean S. S. Steinberg, Dean of Engineering, University of Maryland, spoke on "Recent Trip Through Latin America". He gave a most interesting account of his trip as the representative of The State Department, The American Society for Engineering Education, and many engineering societies. This address covered the second trip which Dean Steinberg made for the Federal Government in the interest of engineering education. Dean Steinberg's delightful talk was thoroughly enjoyed by the large audience.

Prior to the introduction of the speaker, Dean Hannum thanked all who had contributed to the success of the meeting. He thanked the program committees, Admiral and Mrs. Norman M. Smith, Prof. R. J. Cranford and the press, Dean Sumwalt and his committees, and introduced the chairmen of the local committees.

Entertainment for visiting women during the day included a scenic tour of the city in the morning in a bus and a tea in the afternoon, given by Mrs. Norman M. Smith and Mrs. R. L. Sumwalt at the home of Mrs. Sumwalt.

The third day was devoted to the meetings of the Section and was held on April 9. At 8:00 A.M. the Deans held a breakfast meeting with Dean Hannum presiding. Dean Dougherty explained the Buckhill conference which was held sometime ago in Pennsylvania and suggested that the Section have a similar meeting at Fontana Dam, N.C. during the coming summer. He said the teaching of professional attitudes and practices should be discussed along with other subjects. He stated that adequate accommodations are available at reasonable prices at Fontana. A vote was taken as to when the conference should be held and it was the consensus of opinion that it should be arranged during the first part of the week before Labor Day. Dean Hannum appointed Dean Dougherty as Chairman of the Committee on Arrangements and requested that Dean Dougherty appoint the members of his committee. Dean Hannum requested that suggestions for membership on the committee be sent to Dean Dougherty by the group.

At 9:30 A.M. the final meeting was held with Col. Haynes, Vice Chairman, presiding. One of the program of the technical sessions were talks as follows: "Cooperation with Industry from the Viewpoint of the Engineering Colleges" by Dr. J. Harold Lampe, Dean of Engineering, North Carolina State College; "Cooperation with Industry" by Mr. L. W. Bishop, Director, South Carolina State Research, Planning and Development Board; and "Report from the U. S. Office of Education" by Dr. H. H. Armsby, Specialist in Engineering Education.

Dean Lampe, the first speaker, citing that progress in science and technology "is far ahead" of that in economic, social and human relations, said, "One thing we have learned and probably through bitter experience in the past three years is that we are no longer individuals or isolationists. At best, we are component parts in the development of our community, nation and world. If we are to make gains," he said, "plans must be made on an industrial and community basis dealing with this problem of educating young men

for industry. The only proper approach is for the educators and the industrialists to join hands to develop a program for the best engineering training possible. Further, we must have full opportunity and mutual support for a continuous and cooperative training program for engineering teachers whereby they will be briefed and will have and opportunity through personal experience to learn new and modern engineering design, processes and economic development." To aid such a correlation between engineering education and industry, Dean Lampe said, the American Society for Engineering Education must reach out and interest all industries both large and small. He termed it a great challenge. Dean Lampe praised Governor Thurmond on his address which was made on the previous day.

Mr. Bishop outlined methods in which the people of South Carolina have endeavored to cooperate with industry and said cooperation was the principal factor in the success of the program promoted by his Board. He told of the tremendous industrial growth in this area in recent years and said, "We are proud of this progress", and the cooperation which has helped it along. The greatest thing this state has to offer", he said, "is its people"; and he expressed eagerness for continued progress which would open up opportunity to young men with education who, he said had been going into other states. "We must continue to build our greatest asset - our people," he asserted.

Doctor Armsby told of legislation now before Congress which is designed to aid education and reported on several studies being made by members of the Office of Education staff. He said he believed there was a greater awareness in government circles now than hitherto of the needs of education.

Following the technical session the Section held a business meeting over which Dean Hannum presided. Dr. Robert L. Sumwalt, Secretary-Treasurer of the Section, read the minutes of the fourteenth annual meeting which had been prepared by Colonel Haynes who was the Secretary-Treasurer at that time. The minutes were approved. Dean Sumwalt then read the financial statement of the Section covering receipts and disbursements which showed a balance on hand of \$75.66 which was approved. See Exhibit A. He said that all dues had been collected and all bills had been paid.

Institutional
Branches Colonel Haynes then reported on the number enrolled in student sections of the Society at the following institutions: University of Alabama, 23; Georgia Institute of Technology, 85; University of Florida, 28; and North Carolina State College, 84. He read a letter he had received from Dr. B. J. Robertson, Vice President of the Society, in which he urged that branches of Society be organized in our area.

Dean Hannum then called on Dean Dougherty to explain what had been discussed at the Dean's breakfast concerning the meeting to be held at Fontana Dam. Dean Dougherty requested that suggestions be sent to him.

The resolutions committee headed by Col. L. S. LeTellier, of The Citadel, presented 15 resolutions expressing appreciation to all

concerned with the success of the meeting and citing the cooperation of the local newspapers and the press in publicizing the proceedings. See Exhibit B. The resolutions were adopted. The other members of the committee were Prof. C. N. Gaylord of the University of Alabama and Dr. E. E. Litkenhouse.

Dean Lampe, who was Chairman of the Committee on Place of Meeting, reported for his committee and moved that the next meeting be held at the Virginia Polytechnic Institute which was approved. See Exhibit C. The other members of the Committee were Dean Earle B. Norris and Dean R. C. Ernst.

Dean Weil, a member of the Nominating Committee, recommended that the following officers be elected for the next year:

Chairman: Col. H. Gale Haynes, The Citadel
Vice Chairman: Dean Earle B. Norris, Virginia Polytechnic Institute
Secretary-Treasurer: Dean Robert L. Sumwalt, University of South Carolina
Representative on National A.S.E.E. Council: Dean Fred J. Lewis, Vanderbilt University
Representative of Section on Advisory Council on Mathematics in Business, Industry, Sciences and Engineering: Prof. Charles R. Vail, Duke University

The motion was seconded and the Secretary was instructed to cast a unanimous ballot for all of the above persons.

The members of the committee were the following: Dean Fred J. Lewis, Chairman, Dean Joseph Weil, Dean N.W. Dougherty, and Dean S. B. Earle.

Dean Hannum thanked all who had helped to make the meeting a success and stated it had been a pleasure for him to serve during the past year as Chairman of the Section. He suggested that the Secretary purchase a gavel to be used at all meetings.

Dean Hannum then introduced Colonel Haynes who thanked the Section for the honor which they had conferred upon him.

The meeting adjourned at 12:35 P.M.

The visitors and their wives were entertained at a delightful luncheon on the campus as guests of the University which was the final event on the program.

There is attached the Registration List (see exhibit D) which lists the following attendance:

Visiting men.....	91
Visiting Ladies.....	27
University of South Carolina - Men.....	28
University of South Carolina - Ladies.....	20

Total 166

A copy of the program of the fifteenth annual meeting is attached and is included as a part of the minutes.

R. L. Samwalt
Secretary-Treasurer

Exhibit B

REPORT OF COMMITTEE ON RESOLUTIONS
SOUTHEASTERN SECTION, AMERICAN SOCIETY FOR ENGINEERING EDUCATION
UNIVERSITY OF SOUTH CAROLINA
April 9, 1949

Whereas, the Southeastern Section of the American Society for Engineering Education has been the guests of the University of South Carolina during its fifteenth annual meeting and

Whereas we wish to make grateful acknowledgement to all those whose organizing skill, unflinching interest and cordial hospitality have contributed to the success of the convention; therefore, be it resolved--

1. That we thank Mrs. Robert L. Sumwalt and the members of her committee for their gracious entertainment of the visiting ladies.

2. That we thank Col. H. Gale Haynes and Dr. W. G. Van Note and their committees for the arrangement of an excellent program.

3. That we thank His Excellency, J. Strom Thurmond, Governor of South Carolina, for his warm welcome of the delegates to South Carolina.

4. That we thank Admiral Norman M. Smith, formerly Chief Civil Engineer and Chief of the Bureau of Yards and Docks of the U. S. Navy and now President of the University of South Carolina for his helpful participation in the convention and for his keen interest in and understanding of the problems of engineering education and research.

5. That we thank Mayor Frank C. Owens for so generously making the delegates honored guests of Columbia.

6. That we thank Dean Robert L. Sumwalt and the members of his several committees for their skillful planning and managing of the convention and their unflinching courtesy and helpfulness.

7. That we thank Prof. R. J. Cranford, Public Relations Officer of the University, for his invaluable services in handling the convention publicity.

8. That we thank our distinguished speakers for their able, informative, stimulating and sometimes wholesome provocative addresses:

Mr. Sam Tour	Mr. F. C. Smith
Dr. Russell S. Poor	Mr. L. W. Bishop
Mr. John C. Green	Dr. H. H. Armsby
Dr. J. M. DallaValle	Dr. E. M. Schoenborn
Dr. J. W. Barker	Dean Joseph Weil
Dr. James S. Thomas	Prof. E. K. Kraybill
Mr. E. Donald Kennedy	Dean S. S. Steinberg
Prof. W. W. Rankin	Dr. J. Harold Lampe

9. That we thank THE STATE and the COLUMBIA RECORD for their excellent cooperation in publicizing the convention.

10. That we thank the Hotel Jefferson for the good service its management and staff provided.

11. That we thank the S. C. Electric and Gas Co. for arranging a most interesting inspection trip to its power plant at Lake Murray and for its courtesy in furnishing bus transportation for this trip and all other convention travel including the sight seeing tour of Columbia for the ladies and special bus transportation between the Hotel Jefferson and the University campus, all without any charges.

12. That we thank Mrs. Arthur St. J. Simons for conducting a most interesting tour of Columbia for the visiting ladies.

13. That we thank Mrs. Norman M. Smith and Mrs. Robert L. Sumwalt for the tea which they gave to the visiting ladies.

14. That we thank Admiral and Mrs. Norman M. Smith for the delightful and delicious luncheon which the University served the convention.

15. That we thank the Columbia Chamber of Commerce for furnishing guide books of Columbia without cost to the visiting ladies.

Committee on Resolutions

L. S. LeTellier, Chairman

E. E. Litkenhouse

C. N. Gaylord

The report of the Committee was unanimously passed.

Exhibit C

REPORT OF COMMITTEE ON PLACE OF MEETING
SOUTHEASTERN SECTION, AMERICAN SOCIETY FOR ENGINEERING EDUCATION
UNIVERSITY OF SOUTH CAROLINA
APRIL 9, 1949

Your Committee of "Place of Meeting - 1950" for the Southeastern Section notes that next year's meeting should be held in Area B, following the long established pattern of rotation in the geographic division of the south-eastern region.

Dean Norris has suggested that the Virginia Polytechnic Institute sponsor the 1950 meeting, with headquarters at the Hotel Roanoke, Roanoke, Va. Activities for one day will be scheduled at the V.P.I. campus, Blacksburg, Va., a distance of 40 miles. Bus transportation is to be arranged. All other meetings will be held at the Hotel Roanoke. This invitation is tentative, subject to Hotel being available.

The Committee recommends that the V.P.I. invitation be accepted and that the meeting be held at Roanoke, Va. sometime in the last three weeks in April 1950. It is understood Dean Norris will arrange with the Hotel Roanoke as to the exact dates, with the approval of the new officers of the Section.

Committee:

J. Harold Lampe, Chairman
E. E. Litkenhouse
C. N. Gaylord

The report of the Committee was unanimously approved.

Exhibit D

FIFTEENTH ANNUAL MEETING
SOUTHEASTERN SECTION AND RESEARCH BRANCH
AMERICAN SOCIETY FOR ENGINEERING EDUCATION
UNIVERSITY OF SOUTH CAROLINA

REGISTRATION LIST

✓ S. H. Acker	Vanderbilt University
✓ H. B. Aikin	University of Tennessee
H. H. Armsby	U. S. Office of Education
B. L. Baker	University of South Carolina
J. W. Barker, Pres.	Research Corp., New York
✓ J. P. Barnes	Alabama Polytechnic Institute
✓ B. M. Bayer	Vanderbilt University
H. O'B. Bellinger	University of South Carolina
L. W. Bishop	State Research, Planning & Development Board
✓ W. E. Blessey	Tulane University
✓ B. W. Boguslavsky	Georgia Institute of Technology
✓ R. T. Brown	University of Tennessee
✓ E. S. Chase	Alabama Polytechnic Institute
J. H. Clouse	University of Miami
H. M. Conway	Southeastern Research Institute
J. C. Cosby	University of South Carolina
J. M. Costello	University of South Carolina
J. R. Cudworth	University of Alabama
D. D. Curtis	Clemson College
✓ J. M. DallaValle	Georgia Institute of Technology
N. W. Dougherty	University of Tennessee
M. R. Durlach	University of South Carolina
J. R. Eargle	University of South Carolina
W. R. Eargle	University of South Carolina
S. B. Earle	Clemson College
✓ C. L. Emerson	Georgia Institute of Technology
R. C. Ernst	University of Louisville
✓ F. H. Fenn	Louisiana State University
S. A. Ferguson	University of South Carolina
B. E. Fernow	Clemson College
✓ J. R. Fleming	University of Tennessee
Harold Flinsch	Mississippi State College
✓ C. B. Foos	Georgia Institute of Technology
J. M. Ford	Clemson College
✓ F. H. Fox	Tulane University
✓ C. N. Gaylord	University of Alabama
H. E. Glenn	Clemson College
✓ J. D. Glenn	Clemson College
✓ W. D. Glenn	Vanderbilt University
A. T. Granger	University of Tennessee
J. C. Green	Department of Commerce

✓ C. E. Hall	University of Tennessee
W. H. Hall	Duke University
✓ J. E. Hannum	Alabama Polytechnic Institute
✓ R. D. Hawkins	University of Kentucky
H. G. Haynes	The Citadel
✓ S. M. Heflin	Virginia Military Institute
E. M. Henderson	University of South Carolina
F. B. Herty	University of South Carolina
✓ G. H. Hickox	University of Tennessee
✓ C. C. Hill	University of Florida
W. T. Hutto	University of South Carolina
T. S. Jennings	University of South Carolina
L. H. Johnson	University of Mississippi
R. C. Johnson	University of South Carolina
R. M. Jones	University of South Carolina
✓ W. D. Jordan	University of Alabama
✓ E. D. Kennedy	University of Florida
✓ E. K. Kraybill	Duke University
J. H. Lampe	North Carolina State College
E. F. Larson	University of South Carolina
C. H. Lesesne	University of South Carolina
L. S. LeTellier	The Citadel
F. J. Lewis	Vanderbilt University
J. W. Lindau	University of South Carolina
E. E. Litkenhouse	Vanderbilt University
Samuel Litman	University of South Carolina
✓ T. M. Lowe	Alabama Polytechnic Institute
✓ F. B. Lucas	University of Miami
R. M. McRight	University of South Carolina
C. R. McMillan, Jr.	University of South Carolina
J. W. Mason	Georgia Institute of Technology
R. B. Maxey	University of South Carolina
R. A. Miller	University of South Carolina
✓ H. R. Miner	Tennessee Polytechnic Institute
R. A. Morgen	University of Florida
A. A. Moss	Clemson College
N. F. Murphy	Virginia Polytechnic Institute
J. H. Noland	University of South Carolina
✓ L. E. Nollau	University of Kentucky
E. B. Norris	Virginia Polytechnic Institute
✓ M. G. Northrop	University of Louisville
F. R. O'Brien	University of Alabama
F. C. Owens, Mayor	City of Columbia
W. H. Patterson	University of South Carolina
✓ D. H. Pletta	Virginia Polytechnic Institute
✓ Russell Poor	Oak Ridge Institute of Nuclear Physics
✓ W. W. Rankin	Duke University
R. T. Rackley	University of South Carolina

S. R. Rhodes	Clemson College
G. A. Rosselot	Georgia Institute of Technology
J. P. Rostron	Clemson College
✓ J. H. Sams	Clemson College
✓ E. M. Schoenborn	North Carolina State College
✓ L. E. Schoonmaker	University of Florida
✓ W. J. Sheeley	Duke University
✓ J. B. Shand	University of South Carolina
✓ R. E. Shaver	University of Kentucky
✓ E. G. Shelton	University of Tennessee
J. E. Shigley	Clemson College
F. C. Smith, Editor	Southern Power & Industry, Atlanta
N. M. Smith, President	University of South Carolina
✓ R. D. Spann	Alabama Polytechnic Institute
✓ S. S. Steinberg	University of Maryland
R. L. Sunwalt	University of South Carolina
R. L. Sweigert	Georgia Institute of Technology
D. V. Terrell	University of Kentucky
Dr. J. S. Thomas	Miami Beach, Florida
Dudley Thompson	Virginia Polytechnic Institute
J. Strom Thurmond, Governor	State of South Carolina
Sam Tour	Sam Tour and Company
I. A. Trively	Clemson College
C. R. Vail	Duke University
W. G. Van Note	North Carolina State College
F. C. Vilbrandt	Virginia Polytechnic Institute
Joseph Weil	University of Florida
✓ L. R. Wever	University of South Carolina
✓ L. A. Woodman	University of Alabama
✓ D. B. Wilcox	Georgia Institute of Technology

Ladies Visiting the S.C.-ASEE Conference at the
University of South Carolina, Columbia

Mrs. S. H. Acker
Mrs. H. B. Aikin
Mrs. H. H. Armsby
Mrs. B. M. Bayer
Mrs. W. E. Blessey
Mrs. N. W. Dougherty
Mrs. R. C. Ernst
Mrs. F. H. Fox
Mrs. Harold Flinsch
Mrs. W. D. Glenn
Mrs. A. T. Granger
Mrs. R. D. Hawkins
Mrs. S. M. Heflin
Mrs. C. C. Hill
Mrs. L. H. Johnson
Mrs. J. H. Lampe

Mrs. F. J. Lewis
Mrs. R. A. Morgen
Mrs. L. E. Nollau
Mrs. L. E. Schoonmaker
Mrs. R. E. Shaver
Mrs. E. G. Shelton
Mrs. D. V. Terrell
Mrs. Dudley Thompson
Mrs. Sam Tour
Mrs. W. G. Van Note
Mrs. F. C. Vilbrandt

Recapitulation

1. Visiting Men.....	91
2. Visiting Ladies.....	27
3. University of South Carolina Men....	28
4. University of South Carolina Ladies.	<u>20</u>
Total.....	166

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J. M. Costello	University of South Carolina
J. R. Cudworth	University of Alabama
D. D. Curtis	Clemson College
J. M. DallaValle	Georgia Institute of Technology
N. W. Dougherty	University of Tennessee
M. R. Durlach	University of South Carolina
J. R. Eargle	University of South Carolina
W. R. Eargle	University of South Carolina
S. B. Earle	Clemson College
C. L. Emerson	Georgia Institute of Technology
R. C. Ernst	University of Louisville
F. H. Fenn	Louisiana State University
S. A. Ferguson	University of South Carolina
B. E. Fernow	Clemson College
J. R. Fleming	University of Tennessee
Harold Flinsch	Mississippi State College
C. B. Foos	Georgia Institute of Technology
J. M. Ford	Clemson College
F. H. Fox	Tulane University
C. N. Gaylord	University of Alabama
H. E. Glenn	Clemson College
J. D. Glenn	Clemson College
W. D. Glenn	Vanderbilt University
A. T. Granger	University of Tennessee

C. E. Hall	University of Tennessee
W. H. Hall	Duke University
J. E. Hannum	Alabama Polytechnic Institute
R. D. Hawkins	University of Kentucky
H. G. Haynes	The Citadel
S. M. Heflin	Virginia Military Institute
E. M. Henderson	University of South Carolina
G. H. Hickox	University of Tennessee
C. C. Hill	University of Florida
W. T. Hutto	University of South Carolina
T. S. Jennings	University of South Carolina
L. H. Johnson	University of Mississippi
R. C. Johnson	University of South Carolina
R. M. Jones	University of South Carolina
W. D. Jordan	University of Alabama
E. D. Kennedy	University of Florida
E. K. Kraybill	Duke University
J. H. Lampe	North Carolina State College
E. F. Larson	University of South Carolina
C. H. Lesesne	University of South Carolina
L. S. LeTellier	The Citadel
F. J. Lewis	Vanderbilt University
J. W. Lindau	University of South Carolina
E. E. Litkenhous	Vanderbilt University
Samuel Litman	University of South Carolina
T. M. Lowe	Alabama Polytechnic Institute
F. B. Lucas	University of Miami
R. M. McRight	University of South Carolina
J. W. Mason	Georgia Institute of Technology
R. B. Maxey	University of South Carolina
R. A. Miller	University of South Carolina
H. R. Miner	Tennessee Polytechnic Institute
R. A. Morgan	University of Florida
A. A. Moss	Clemson College
N. F. Murphy	Virginia Polytechnic Institute
J. H. Noland	University of South Carolina
L. E. Nollau	University of Kentucky
E. B. Norris	Virginia Polytechnic Institute
M. G. Northrop	University of Louisville
F. R. O'Brien	University of Alabama
F. C. Owens, Mayor	City of Columbia
W. H. Patterson	University of South Carolina
D. H. Pletta	Virginia Polytechnic Institute
Russell Poor	Oak Ridge Institute of Nuclear Physics

R. T. Rackley	University of South Carolina
S. R. Rhodes	Clemson College
G. A. Rosselot	Georgia Institute of Technology
J. P. Rostron	Clemson College
J. H. Sams	Clemson College
E. M. Schoenborn	North Carolina State College
L. E. Schoonmaker	University of Florida
W. J. Sheoley	Duke University
J. B. Shand	University of South Carolina
R. E. Shaver	University of Kentucky
E. G. Shelton	University of Tennessee
J. E. Shigley	Clemson College
N. M. Smith, President	University of South Carolina
R. D. Spann	Alabama Polytechnic Institute
S. S. Steinberg	University of Maryland
R. L. Sumwalt	University of South Carolina
R. L. Sweigert	Georgia Institute of Technology
D. V. Terrell	University of Kentucky
Dudley Thompson	Virginia Polytechnic Institute
J. Strom Thurmond, Governor	State of South Carolina
Sam Tour	Sam Tour and Company
I. A. Trively	Clemson College
C. R. Vail	Duke University
W. G. Van Note	North Carolina State College
F. C. Vilbrandt	Virginia Polytechnic Institute
Joseph Weil	University of Florida
L. R. Wever	University of South Carolina
L. A. Woodman	University of Alabama
D. B. Wilcox	Georgia Institute of Technology

Ladies Visiting the S. E.--ASEE Conference at the
University of South Carolina, Columbia

Mrs. S. H. Acker
 Mrs. H. B. Aikin
 Mrs. H. H. Armsby
 Mrs. B. M. Bayer
 Mrs. V. E. Blessey
 Mrs. N. W. Dougherty
 Mrs. R. C. Ernst
 Mrs. F. H. Fox
 Mrs. Harold Flinsch
 Mrs. W. D. Glenn
 Mrs. A. T. Granger
 Mrs. R. D. Hawkins
 Mrs. S. M. Heflin
 Mrs. C. C. Hill

Mrs. L. H. Johnson
 Mrs. J. H. Lampe
 Mrs. F. J. Lewis
 Mrs. R. A. Morgan
 Mrs. L. E. Nollau
 Mrs. L. E. Schoonmaker
 Mrs. R. E. Shaver
 Mrs. E. G. Shelton
 Mrs. D. V. Terrell
 Mrs. Dudley Thompson
 Mrs. Sam Tour
 Mrs. W. G. Van Note
 Mrs. F. C. Vilbrandt

Recapitulation

1. Visiting Men.....	84
2. Visiting Ladies.....	27
3. University of South Carolina Men.....	27
4. University of South Carolina Ladies....	20
Total	<u>158</u>