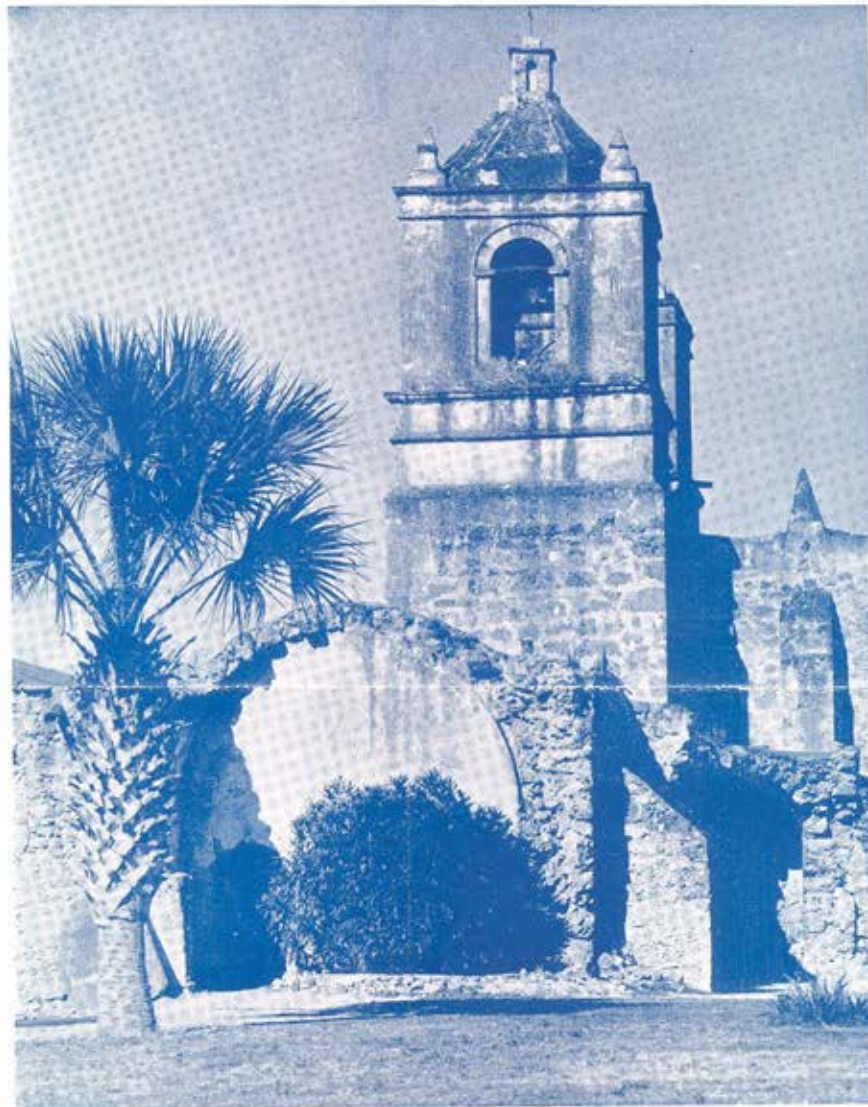


AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS

SOUTH WEST DISTRICT MEETING

AND STUDENT BRANCH CONVENTION



**APRIL
16, 17, 18
1946**

Mission Concepcion de Acuna

SAN ANTONIO, TEXAS

Headquarters: PLAZA HOTEL

MEETING FEATURES

Members and guests are extended a cordial welcome to the Meeting of the South West District in San Antonio, Texas, April 16-18, 1946. A varied program of several technical sessions, some general sessions, a number of conferences, interesting inspection trips, and entertainment has been arranged. Meeting headquarters will be in the Plaza Hotel.

Luncheon meetings have been arranged for the District Executive Committee and for the District Committee on Student Activities as indicated on the program. Special attention is invited to the general session which will be conducted by the Planning and Coordination Committee. This will be an opportunity for free expression of opinion regarding activities of the Institute.

Mexico Section Session—Of especial interest will be the session which will be conducted by members from Mexico. The entire Republic of Mexico is now included in the South West District and at this meeting we will have our first real opportunity to extend to our friends South of the Rio Grande the hand of friendship.

La sección que será dirigida por miembros de Mexico será de especial interés. La Republica de Mexico esta ahora incluida en el Distrito Sur-Oeste y en esta sección tendremos nuestra primera oportunidad de extender nuestra mano de amigos a nuestros compañeros del Sur.

Sports and Entertainment—Arrangements will be made for those wishing to play golf or tennis. San Antonio boasts of some of the finest golf courses in the country and during the spring the fairways and greens will be in excellent condition. Numerous fine tennis courts are available.

A stag smoker and a supper will be held Tuesday evening for which a reasonable charge will be made.

A special feature of the meeting will be the dinner Wednesday evening to which all, and especially the ladies, are invited. It will be held at La Villita, picturesque restoration of the early San Antonio settlement which lies within the shadow of the Plaza Hotel. At this dinner Dr. William E. Wickenden, president of the Institute, will deliver the principal address. A special entertainment program featuring Mexican singers and dancers has been arranged. This will be an outstanding event and all are sure to enjoy and long remember the novel Mexican atmosphere at this banquet. Tickets may be secured at the registration desk.

For the Ladies—A special committee under the leadership of Mrs. N. B. Gussett will make sure that the ladies attending the meeting have an interesting and enjoyable time. The entertainment as planned includes visits to the stores of San Antonio, bridge parties, trips to the famous Missions, to the Alamo and to the old Spanish Governor's palace. Further details may be secured upon registering.

Registration on Mez

ADVANCE COPIES OF PAPERS

Preprints of technical papers may be obtained by mail by remitting price indicated to the A.I.E.E. Order Department, 33 West 39th Street, New York 18, N. Y.; if purchased at A.I.E.E. headquarters or at the meeting 5c less per copy. For convenience an order form is enclosed. Only numbered papers will be available in advance-copy form. Mail orders (particularly from out-of-town members) are advisable, inasmuch as an adequate supply of each paper at the meeting cannot be assured.

Please order by number only and enclose remittance.

Tuesday, April 16

9:00 a.m.—Registration

10:00 a.m.—General Session

R. W. Warner, Presiding

Opening Announcements

Address of Welcome: Hon. Gus B. Mauermann, Mayor of San Antonio.

Presentation of Welcome from Mexico

Address: "The Institute Today."

H. H. Henline, Secretary.

Address: "Tomorrow's Engineering Developments," M. W. Smith, Vice-President in charge of Engineering, Westinghouse Elec. Corp.

Address: "Engineering Education for Post-War Problems", A. S. Langsdorf, Dean of Engineering and Architecture, Washington Univ.

2:00 p.m.—Communication

H. R. Fritz, Presiding

*DP. Some Observations on German Research. R. S. Glasgow, Washington Univ.

*DP. Plans and Progress with Radio Relay for a Domestic Telegraph Plant. F. B. Bramhall, Western Union Telegraph Co.

*DP. Radar for Bombing. K. E. Gould, Bell Telephone Labs., Inc.

2:00 p.m.—Power

W. A. Kitchen, Presiding

*DP. Power Line Carrier for Relaying, Telemetry, Supervisory, and Point-to-Point Communication. S. C. Leyland, Westinghouse Elec. Corp.

16-83. Operating Experience with Distance Ground Relays. W. A. Wolfe, Kansas Gas and Electric Company. 20 cents by mail.

16-80. A New Electronic Timing Relay for Reducing Outages on Power Circuits. F. S. Dlouhy, Oklahoma Gas and Elec. Co. 15 cents by mail.

TECHNICAL PROGRAM

Magazine — Technical Sessions in Roof Garden and Sky Rooms

*DP. Electric Power Generation for Water Works Auxiliary Service. H. F. Lutz, Black and Veatch, Consulting Engineers.

46-82. Some Problems of Distribution Engineering.
†ACO. R. M. Walker, El Paso Elec. Co. 15 cents by mail.

7:00 p.m.—Stag Supper and Smoker
Entertainment
Place to be announced later.

Wednesday, April 17

9:00 a.m.—General Session

Conference on Institute Activities, conducted by Planning and Coordination Committee.

T. G. LeClair, Chairman, Professional Activities Subcommittee, Presiding.

This is a chance to tell what you think the Institute should be doing.

Final comments. E. B. Robertson, Past President, Texas Society of Professional Engineers.

11:00 a.m.—Technical Session

H. P. Heafer, Presiding

*DP. Some Economic Aspects of the Advance of Industry in the Southwest. R. A. Mulholland, Consulting Engineer

*DP. Supersonic Sharpshooters. H. H. Hickerson, United States Army Airforce

12:00 m.—Luncheon Meeting of Student Branch Counselors

2:00 p.m.—Inspection Trip to Randolph Field.

This trip will leave the South entrance of the Plaza Hotel. Cars will be provided for those who do not already have a means of transportation. Ladies are invited.

7:00 p.m.—Meeting Banquet

Address: Dr. W. E. Wickenden, President of the American Institute of Electrical Engineers.

Entertainment—Mexican Singers and Dancers. All are invited.

Thursday, April 18

9:00 a.m.—Petroleum Industry Applications

S. C. Commander, Presiding

*DP. Power Distribution Systems for Oil Field Pumping. W. C. Bloomquist and J. N. Poore, General Elec. Co.

46-81. Modern Diesel-Electric Drilling Rig Equipment. T. R. Rhea, General Elec. Co. 25 cents by mail.

*DP. Magnesium for Cathodic Protection. J. R. James, The Dow Chemical Co.

9:00 a.m.—Selected Topics

R. F. Danner, Presiding

*DP. Rural Electrification. W. B. Bigelow, Rural Electrification Administration.

*DP. New Developments and Improvements in the Design and Manufacture of Electrical Equipment. P. E. Benner, General Elec. Co.

*DP. Banking Distribution Transformers—Advantages and Methods. J. S. Parsons, Westinghouse Electric Corporation.

*DP. An Electronic Moment Indicator. R. B. Basham, Consolidated-Vultee Aircraft Corp.

*DP. Power Development in the Freeport-Velasco Area of Texas. N. D. Griswold, Dow Chemical Co.

12:00 m.—Luncheon Meeting of District Executive Committee

2:30 p.m.—Electrical Problems in Mexico

O. R. Enriquez, Presiding

The following papers have been prepared by several members of the Mexico Section as joint authors. Much of the information contained in them will be of value to the Mexican Government as well as to private concerns in Mexico. They are presented by the Section.

Electrification Program of the Mexican Republic. Paper directed by Basil Nikiforoff, Mexican Light and Power Company.

Industrialization of Mexico. Paper directed by David Roldan G., National Economy Bureau.

The Planning of an Electrical Manufacturing Plant for Mexico. Paper directed by Eduardo Luque D., Industria Electrica de Mexico, S. A.

2:30 p.m.—Student Session

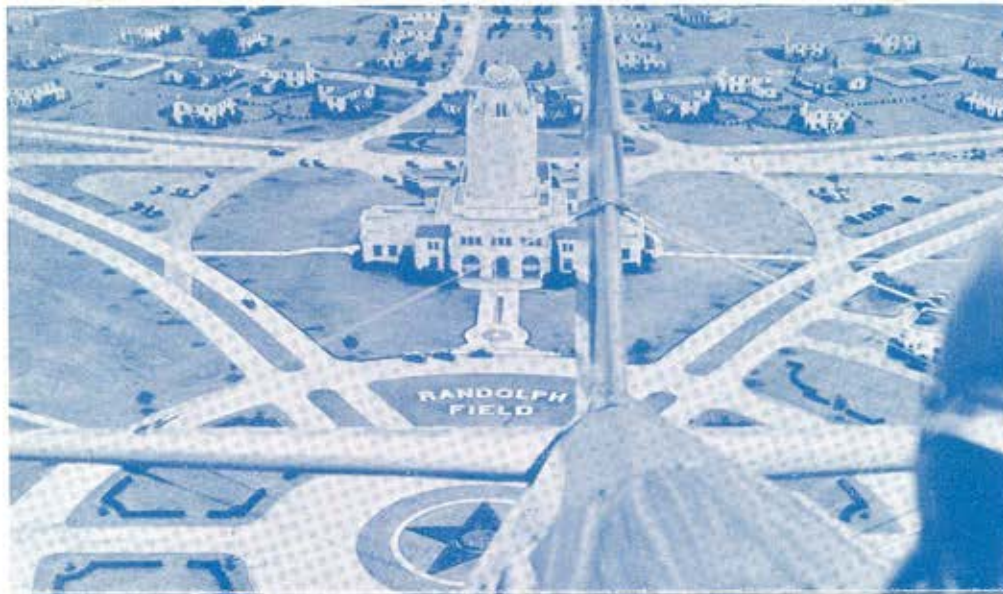
W. F. Helwig, Presiding

†ACO.—Advance copies only available; not intended for publication in TRANSACTIONS.

*DP.—District Paper; no advance copies are available; not intended for publication in TRANSACTIONS.



San Antonio River Scene



Randolph Field from the Air

Advance Registration—It is requested that the enclosed Advance Registration card be filled in and mailed promptly. This will save you time at the registration desk and will be of great help to the committee.

No registration fee will be charged for members, enrolled students, or immediate families of members. A registration fee of \$2.00 will be charged all nonmembers.

Presentation and Discussion of Papers—Time allotted to the presentation of each paper should in general not exceed 30 minutes, unless otherwise arranged with the presiding officer. Any member is free to discuss any paper when the meeting is opened for discussion. Discussions should be limited to approximately ten minutes. Open discussions are invited and all should feel free to enter into them. This is especially true of the General Session on Institute Activities, Wednesday morning.

Inspection Trips—A major inspection trip to Randolph Field, the West Point of the Air, has been arranged. A visit to this great military establishment will forever be remembered. Alma Mater to many of the Army's finest airmen it lies close to the heart of every American. This field was closed to visitors during the war and the many changes and improvements which were made will make the trip of great interest even to those who have been there before.

Arrangements may be made at the registration desk for trips to any industry or to any of the many historic and scenic parts in which San Antonio abounds.

Hotel Reservations—It is imperative that all members make their hotel reservations EARLY, at least 30 days in advance, by writing direct to the hotel. All the hotels listed are within a short distance of the Plaza Hotel.

Hotel	Single Room	Double Room
Plaza	\$2.50-\$5.00	\$3.50-\$ 7.50
St. Anthony	2.50- 8.00	4.00 up
White-Plaza	2.50- 6.00	3.50- 8.00
Gunter	2.50- 5.00	3.50- 12.00
Robert E. Lee	2.00- 3.50	3.50- 6.00
Blue Bonnet	2.00- 3.00	3.50- 6.00

If any difficulty is encountered please communicate with Mr. O. T. Lodal, Chairman of the Hotels Committee.

Meeting Committees

District Meeting: R. W. Warner, Vice-President, South West District; S. R. Friedsam, District Secretary; H. P. Heafer, R. C. Horn, E. B. Robertson.

General Program: N. B. Gussett, Chairman; R. M. Eichner, O. T. Lodal.

Meetings and Papers: A. W. Straiton, Chairman; S. C. Commander, O. R. Enriquez, W. C. Fowler, J. M. Hagler, A. F. Hartung, H. K. Hentzen, R. C. Horn, W. A. Kitchen, H. S. McIntosh, L. F. Rylander.

Entertainment: V. H. Braunig, Chairman; Sterling Browning, C. G. Krause, O. W. Sommers.

Hotels and Registrations: O. T. Lodal, Chairman; J. M. Francis, H. S. McIntosh, J. E. Murray, H. B. Seybt, V. D. Want.

Transportation and Inspection Trips: R. J. Foley, Chairman; C. R. Arguelles.

Student Activities: W. F. Helwig, Chairman; M. C. Hughes, Chairman of Student Counselors.

Ladies Entertainment: Mrs. N. B. Gussett, Chairman; Mrs. V. H. Braunig, Mrs. R. M. Eichner, Mrs. E. H. Kifer, Mrs. O. T. Lodal, Mrs. A. W. Straiton, Mrs. R. W. Warner.

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