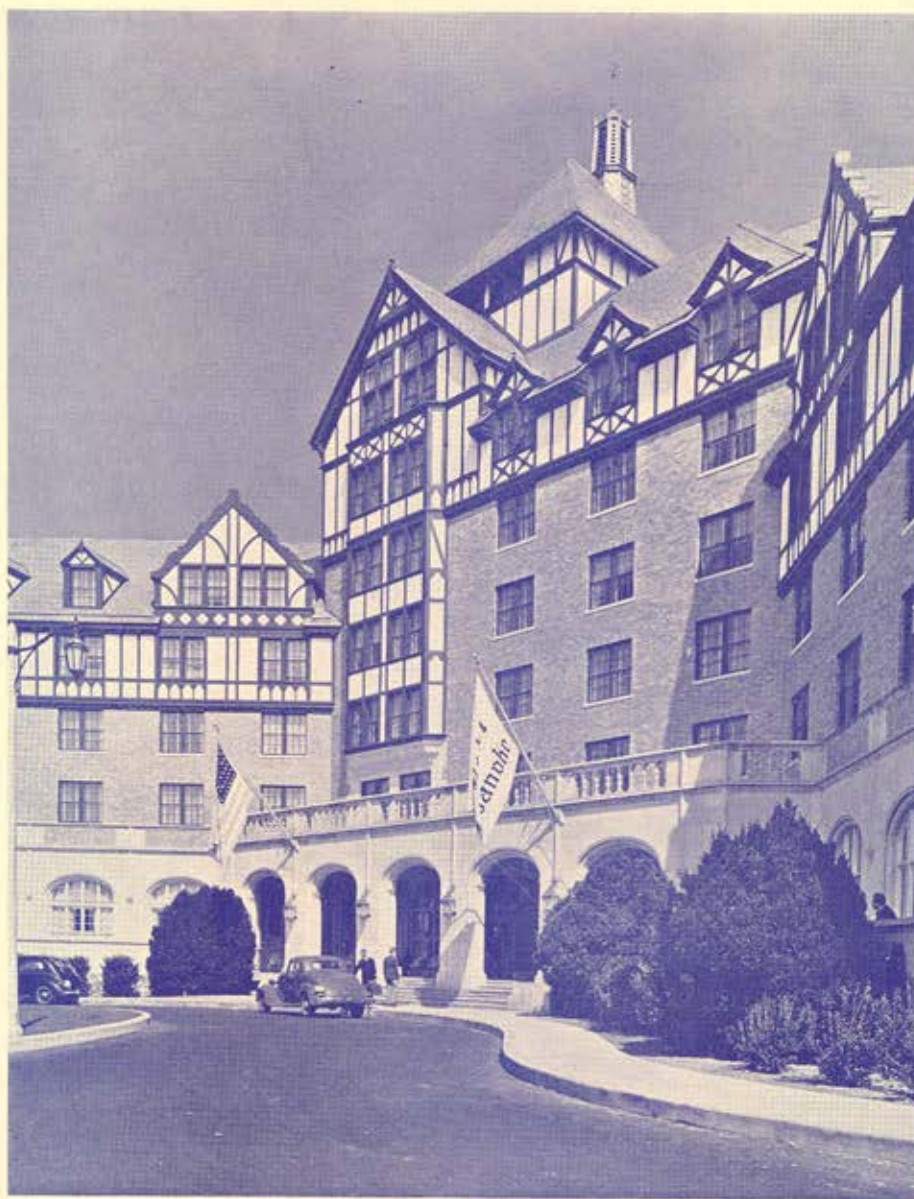




Southern District Technical Meeting and Student Branch Conference

Roanoke, Virginia
November 16-18, 1943



Meeting Headquarters: "Roanoke Hotel"—One of the finest in the South

Southern District Technical Meeting — Program —

The Program

The Southern District of the American Institute of Electrical Engineers is comprised of 11 Sections and 18 Student Branches in the states of Florida, Alabama, Mississippi, Louisiana, Georgia, Kentucky, Tennessee, South Carolina, North Carolina, and Virginia. This will be the first time that a District meeting has been held in the state of Virginia.

The program will consist of three morning sessions, two afternoon sessions, two evening sessions, and a session on student activities, Wednesday afternoon, November 17. Subject matter of general interest covering problems brought to the fore by wartime conditions has been included.

In accordance with AIEE wartime policies all programmed social activities have been omitted.

Special Features for Students

Delegations are expected from a number of the Student Branches and a student session has been arranged by Professor Claudius Lee, Chairman, District Committee on Student Activities. This session will be held Wednesday afternoon. The program will be in charge of the students and several papers will be presented.

Arrangements can be made for consultations between students and industry representatives. This will permit students to ask questions and familiarize themselves with the requirements and opportunities in some of the fields of electrical engineering. Students should indicate at the time of registering whether or not they wish such consultations arranged and in what field of electrical engineering they are particularly interested. A schedule then will be arranged.

Dinner Meeting

Each student who registers will be taken to the Tuesday night dinner by a member of the AIEE. This will afford a splendid opportunity for the students to become acquainted with the older members of the electrical industry and to learn of AIEE affairs from the talks made at this meeting.

Continued on Column 4

Tuesday, November 16

9:00 a.m.—Registration

10:30 a.m.—Opening Session

A. P. GOMPF, Presiding

Welcome: Honorable Walter W. Wood
Mayor of Roanoke, Virginia

Response: C. W. Ricker, Vice-President
Southern District, AIEE

Address: Doctor N. E. Funk, President, AIEE

11:30 a.m.—District Executive Committee Meeting

1:00 p.m.—Executive Committee Luncheon

2:00 p.m.—Wartime Operation

HERMAN B. WOLF, Presiding

DP.* The Effect of Kilovar Supply on the Design of Systems for Load Growth. T. W. Schroeder, J. W. Butler, and N. H. Meyers, General Electric Co.

DP.* The 13,500-Kva Static Capacitor Installation at Newport News. E. L. Harder, Westinghouse Elec. & Mfg. Co., and V. R. Parrack, Virginia Public Service Co.

DP.* Capacitor Application in Pipe-Line Pumping Stations. M. A. Hyde, Jr., Westinghouse Elec. & Mfg. Co.

7:30 p.m.—Dinner Meeting (Informal)

J. H. BERRY, Presiding

Guest Speaker: Captain H. G. Rickover, U.S.N.,
Head of Electrical Section.

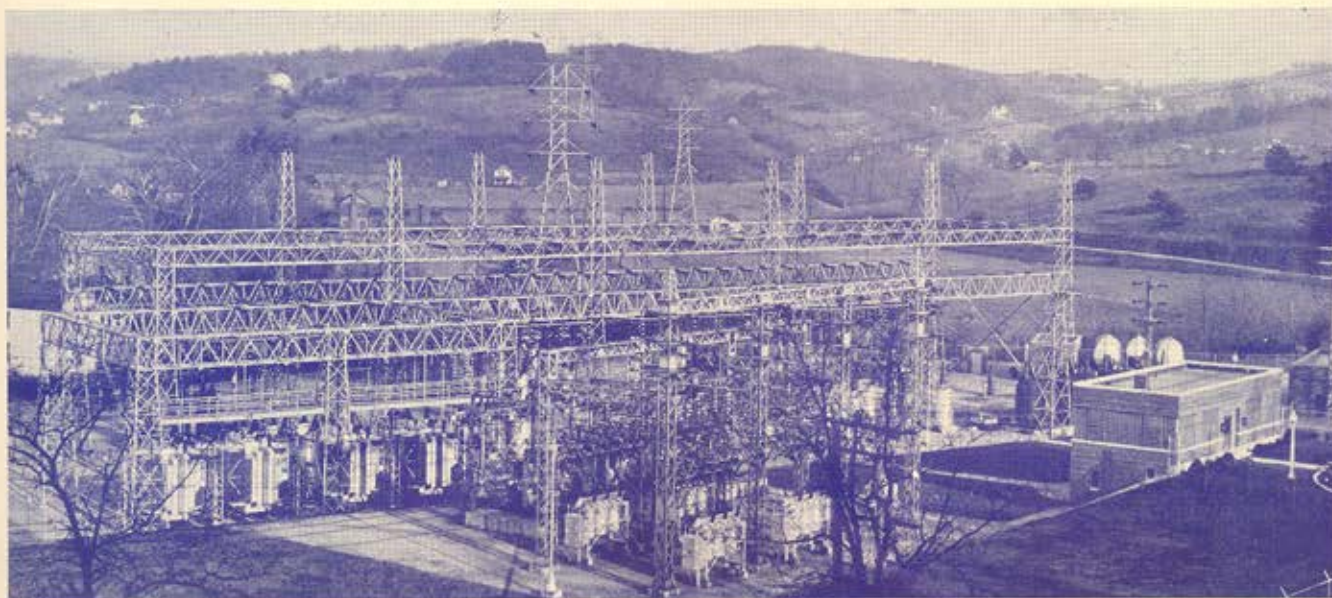
Wednesday, November 17

9:30 a.m.—Wartime Development

STANLEY WARTH, Presiding

DP.* Growth of the Higgins Plant. Milton L. Levy, Higgins Industries, Inc.

DP.* High-Voltage, Low-Pressure, Gas-Filled Cable. W. A. Del Mar and A. F. Gambitta, Phelps Dodge Copper Products Corp., and motion pictures of Norfolk installation by W. F. Nimmo, Virginia Elec. & Pr. Co.



Roanoke Substation of the Appalachian Electric Power Company



Claytor Dam of the Appalachian Electric Power Company

DP.* Training Program for Future Technicians. W. S. Rodman, University of Virginia.

2:00 p.m.—Special Equipment

J. ELMER HOUSLEY, Presiding

DP.* Modern Hydraulic-Turbine Governor Design and Operating Characteristics. C. L. Avery, Woodward Governor Co.

C. L. Karr, Tennessee Valley Authority, will discuss Mr. Avery's paper.

DP.* Design and Operation of Governor Control for Hydro Units. J. F. Roberts, Allis-Chalmers Mfg. Co.

DP.* Design of Tie-Line Control Equipment. S. B. Morehouse, Leeds & Northrup Co.

C. P. Almon, Jr., Tennessee Valley Authority; J. T. Logan, Georgia Power Co.; and A. J. Skaale, Carolina Pr. & Lt. Co., will discuss above papers.

DP.* Influence of New Materials on Future Design. R. C. Bergvall, Westinghouse Elec. & Mfg. Co.

2:00 p.m.—Student Conference

PROFESSOR CLAUDIUS LEE, Presiding

8:00 p.m.—Evening Session

EUGENE W. O'BRIEN, Presiding

Guest Speaker: E. H. Alexander, General Electric Company—"Electronics in Industry," followed by movie film.

Thursday, November 18

9:30 a.m.—Power Supply Section

A. S. HOEFFLIN, Presiding

DP.* New Chesterfield Station. C. C. Dodge, Stone & Webster Engg. Corp.

DP.* Additional Power Supply, Hampton and Alexandria Stations. G. M. Tatum, Virginia Public Service Co., and R. H. Boas, Gilbert Associates, Inc.

DP.* The Paddy's Run Power Station of the Louisville Gas and Electric System. M. S. Winstandley, Louisville Gas & Elec. Co.

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

District Executive Committee Meeting

The District Executive Committee meeting will be held at 11:30 a.m. on Tuesday to discuss matters relating to the AIEE activities throughout the Southern District. F. E. Johnson, Jr., Secretary, is arranging an agenda for discussion.

Registration

It is desirable that members register in advance. To do so, please fill in and mail promptly the *Advance Registration Card* accompanying this announcement. Upon arrival at the meeting, call at the Registration Desk and your badge will be ready.

No registration fee will be charged for members, Enrolled Students, and the immediate families of members. There will be a \$2.00 registration fee for nonmembers.

Hotel Reservations

The Hotels and Transportation Committee is doing everything possible to provide hotel accommodations for those who will attend. Members and guests should write directly to the hotel of their choice, as early as possible, for reservations.

The rates for the Roanoke Hotel (meeting headquarters) and other hotels within convenient distance are as follows:

Hotels	Rooms with Bath	
	Single	Double
Roanoke	\$2.50 up	\$4.00 up
Patrick Henry	2.50 up	4.00 up
Ponce de Leon	2.00 up	3.50 up

If satisfactory arrangements cannot be made directly with the hotels, members may write to W. I. Whitefield, Chairman, Hotels and Transportation Committee, Appalachian Electric Power Co., Roanoke, Va. Certain hotels conveniently located with rates appropriate for students have been selected. It is suggested that Student Counselors be consulted by students who expect to attend, and that the Counselors, in turn, communicate with Mr. Whitefield in case they need any assistance in finding suitable accommodations.

Information

In keeping with the spirit of this meeting no special entertainment will be provided. However, an information desk, in charge of a committee, will be maintained in the lobby of the headquarters hotel for the assistance of out-of-town members.

COMMITTEES

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A. P. GOMPF, General Chairman
E. S. FITZ, Vice-Chairman
C. W. RICKER, Vice-President, Southern District
F. E. JOHNSON, JR., Secretary, Southern District
F. W. CHAPMAN J. F. FOSSICK J. J. STRICKLAND
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J. S. JAMISON W. J. MILLER

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