

AEP Computer Center Opened In Canton



In the data processing center taped electric bills of the System's 1.5 million customers—living in seven states—are processed at the rate of 3,600 accounts per minute. Simultaneously, the master computer also

records statistics for use in rate and revenue analyses, marketing studies, transformer load monitoring and reports to regulatory agencies.

At Wheeling Meeting

Keep Goals High, Cook Tells System Managers

"Our future is inextricably bound up with our success in selling our product, and our goals must continue to be high," declared Donald C. Cook, president of American Electric Power Company and of this Company, in closing the 17th annual Management Meeting held in Wheeling, W. Va., November 10-12. It was attended by some 300 management members.

Cook noted that a major objective of every Management Meeting "is to ensure that everyone has a good understanding of the financial results of our operations."

"Our growth comes only from increases in sales and revenues," he said.

Targets Set

He declared, "We must raise our sights above this year's achievements, however good they were," and called for sales of at least 12,500 electric heating installations in 1965, an increase of about 25% over 1964.

Cook also targeted the sale of at least 205,000 kilowatts of power for industrial use, and 140,000 kw for commercial use across the System in 1965. These figures represent an increase of about 9.5% above the probable 1964 performance.

In setting a goal for the sale of "dusk-to-dawn" lamps, he said that, "although more effort is needed to make these particular sales with each passing year, we must nevertheless aim at 20,000 installations next year. In this case the objective is the same as last year, but the effort needed to make the quota will have to be greater."

Referring to these goals for 1965, Cook said, "I do not think that these targets are too difficult for us. I do believe, however, that they are challenging targets, but I don't believe that any of us would want them to be less than challenging. I know that we have an enormously able and dedicated group of people in the System. That knowledge supports my belief that our 1965 goals will be met."

Load Increase

Cook told the management group that he expected net System load to

increase by at least 6% to more than 41.5-billion kilowatt-hours. He predicted that the System's peak in 1965 would reach a record level of more than 6,900,000 kw.

He indicated that "operating revenues should exceed \$435-million." And he said that he anticipates earning per share of not less than \$1.76 next year. For 1964 they are forecast at \$1.66, up 12c from 1963.

Cook emphasized that "if we are to avoid dissipating these revenues, we will all have to keep a close eye on expenses. Expense-control is a never-ending battle, in good years and bad, and it is one with which every employe must live as a primary responsibility."

Earlier, in his opening annual state-of-the-corporation address. President Cook forecast further reductions in personal and corporate income taxes, as well as a lowering of excise taxes.

Lions' Top Award Goes To Carter

A Clinch River employee is the first man in Virginia to receive a



Mr. Carter

top Lions International award. J. S. Carter was recently presented the Grand Master Key Award in recognition of his sponsorship of 50 new members in the Lebanon Lion's Club, where he is a charter member.

During the past 24 years he has held every responsible position possible in the local Lion's club. His work as chairman of the membership committee won him statewide recognition.

In addition to the service Mr. Carter has given his community as a Lion, he is a member of the Town of Lebanon's planning commission, and has been active in Masonry.

While he did not specify the year in which he felt the tax reductions would take place, he indicated that they "will be forthcoming during this administration."

Cook described the 1964 tax reduction as "landmark legislation," and added that its effect was to "provide the economic stimulus needed to make this the longest general peacetime expansionary period in the history of the Republic." He reminded his audience that the economy would receive further stimulus from the second stage of tax reductions scheduled in 1965.

Soaring Sixties

It was at this point that, in forecasting additional tax decreases beyond those already legislated, he predicted that such actions "should carry our economy to unprecedented high levels and finally fulfill the earlier predictions of the Soaring Sixties."

Cook alluded to an announcement of last March of AEP System plans to invest approximately \$1-billion in new electric power facilities over the next seven years—an average of more than \$140-million per year. The scope of this expansion program, as well as across-the-System rate reductions put into effect last spring, were results of the tax reductions, he said.

In turn, Cook added, the stimulus of the rate reductions had made it possible for the AEP System to project a goal of 10,000 residential electric heating installations in its service area—both individual houses and apartments—during the current year, or an increase of almost 28% over 1963 installations. This, he said, will be an important step toward the goal of serving half-a-million total-electric homes by 1980.

In a brief review of area development activities, he pointed out that approximately 125 new industrial plants had been announced or were under construction during the first nine months of 1964. This industrial expansion represents an estimated investment of over \$43-million and an annual payroll of more than \$30-million for some 6,300 people.

Microwave Network Links System To Canton Office

The American Electric Power System on December 2 unveiled its new, \$6-million Computer Center in Canton, Ohio, to more than 300 civic leaders and national press representatives.

Following a press tour of the new facility, Donald C. Cook, president of American Electric Power Company and of our companies, told the guests that the new Center was "the most advanced in its concept, the most diverse in its application, and the most refined in its sophistication of any such installation in the electric utility industry."

He said that, while the complex is capable of performing many important utility functions, its most significant contribution to the AEP System's performance is the overall picture that it can provide to management through its total-information concept.

He also explained that, for all of its capabilities, the computer system had but one objective: "to provide the most meaningful information to produce the most efficient and economic operation."

Savings Per KWH

Cook pointed out that the Center's operation, for example, would result in minute savings for each kilowatt-hour of electricity delivered, but, when multiplied by the AEP System's current annual production of more than 40-billion kw, would result in significant savings. "It is the taking of steps like this that makes it possible for us to bring electric service at the lowest possible cost to the more than 5-1/2-million people served by the AEP System," he declared.

Electronic equipment for the Computer Center was provided by Leeds & Northrup Company, International Business Machines Corporation, Radio Corporation of America, and General Electric Company. The Center is located in a new annex to the Ohio Power Company general office building.

Two Systems

The Computer Center consists of two solid-state, transistorized

Two Incidents

Trained In First Aid Work, Employees Meet Crises

Time spent in company first-aid classes has proved invaluable for two employees. Both recently had opportunities to put their training to use and in one instance saved a child's life.

Lyle K. Grose and his family were attending church near Huntington, when the service was interrupted by a frightened call for help. Several members of the congregation, including Mr. Grose, went outside and found a woman holding her two-year-old son in her arms. She said she had taken the boy out of church because he grew restless. He had apparently stopped breathing and appeared to be having a convulsion.

While someone went to call an ambulance, Mr. Grose started mouth-to-mouth resuscitation. He said the child seemed to respond and it appeared that some air was entering his stomach. Mr. Grose carefully applied pressure to the boy's stomach and continued the resuscitation in a car on the way to a Huntington hospital. On the way

computer systems: a power control center that automatically controls economic power dispatch and load frequency, and a data processing center that handles customer billing, accounting, engineering and management information.

The Center is tied in to the System's two other major operating headquarters in Roanoke and Fort Wayne, and to all of its principal power plants by a 1,700-mile microwave communication network.

The power control center's primary responsibility is to meet, in the most economic way, the electric power requirements of all customers at any given moment. Data received by continuous automatic monitoring of customer demand at hundreds of key locations, as well as the availability of generating units to meet the demand, are telemetered to Canton.

There, computers process the information on a moment-to-moment basis, combine it with stored

(Continued on page 8)

Welch Chamber Picks Groseclose

W. C. Groseclose, Welch administrative assistant, was elected president of the Welch Chamber of Commerce for the year 1965 at a recent meeting of the Board of Directors. He served as first vice president during 1964 and was also co-chairman of the 1964 membership drive. The Chamber



Mr. Groseclose

now has a membership of 115, its largest ever.

He is also active in other civic affairs, serving as Lieutenant Governor of the 8th Division of Kiwanis International, and as general chairman for the 1964 McDowell County United Appeal. He is also chairman of the Board of Deacons of the First Presbyterian Church of Welch.

they met the ambulance and transferred the boy to it, where the attendants applied oxygen.

The youngster, at last report, is still hospitalized. But he is alive—thanks to Lyle Grose's Appalachian first-aid training.

Jack C. Green is the other employee whose training came in handy in easing pain for a youngster. Mr. Green was refereeing a junior high school football game at Welch when one of the players fell hard, after being blocked, and broke his arm in two places. Mr. Green rushed to the sidelines and grabbed one of the new plastic, inflatable splints and applied it to the youth's arm.

Later, after the boy's arm had been placed in a permanent cast, the attending hospital physician wrote Mr. Green a letter complimenting him on "an excellent job in splinting the arm." The doctor wrote that it had made his work on the arm easier and had probably prevented further injury.

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At Christmas

Written as a Christmas letter in the 16th century, the spirit of this message is timeless.

"I am your friend," the letter goes, "and my love for you goes deep. There is nothing I can give you which you have not got; but there is much, very much, that, while I cannot give it, you can take. No heaven can come to us unless our hearts find rest in today. Take Heaven! No peace lies in the future which is not hidden in the present little instant. Take Peace!

"The gloom of the world is but a shadow. Behind it yet within our reach is Joy. There is radiance and glory in the darkness, could we but see—and to see we have only to look. I beseech you to look.

"Life is so generous a giver, but we, judging its gifts by their covering, cast them away as ugly or heavy or hard. Remove the covering and you will find beneath it a live splendour, woven of love, by wisdom, with power. Welcome it, grasp it, and you touch the Angel's hand that brings it to you. Everything we call a trial, a sorrow, or a duty, believe me, that Angel's hand is there; the gift is there, and the wonder of an overshadowing Presence. Our joys too; be not content with them as Joys. They, too, conceal diviner gifts.

"Life is so full of Meaning and Purpose, so full of Beauty—beneath its covering—that you will find earth but cloaks your heaven. Courage then to claim it; that is all! But courage you have; and the knowledge that we are pilgrims together, wending, through unknown country, home.

"And so, at this Christmas time, I greet you. Not quite as the world sends greetings, but with profound esteem and with the prayer that for you now and forever, the day breaks, and the shadows flee away."

Construction Begins On New Major All-Electric Garden Apartment Project

A third major total-electric apartment project is under construction in Charleston. Already nearing completion on the boulevard are the Imperial Towers and the Towne House, and work is now underway on Greenbrier Gardens in the city's South Hills area.

Greenbrier Gardens will cover over 11 acres in a complex of 30 buildings, with four apartment units in each. All buildings will be heated and cooled by GE zonelectric units, with all power requirements provided by underground service.

The modern units will feature built in kitchens with automatic dishwashers and disposals, wall to wall carpeting, television receptacles and a closed circuit TV so parents may watch while their children swim in the Greenbrier pool. A community building will house a laundromat and various coin operated machines for the convenience of tenants.

The apartment complex will have a total connected load of 3,340 KW. Located only two miles from downtown Charleston, Greenbrier Gardens is scheduled for completion by June, 1965.



Charleston's third major total-electric apartment project, Greenbrier Gardens, is under construction. Electric service will be underground for the 30 buildings, covering 11½ acres in the South Hills area.

New Group To Co-Ordinate Operations

Appalachian Power Company and 10 other major electric utilities providing service in seven states from Virginia to Michigan have announced formation of a group—the Central Area Power Coordination Group (CAPCO)—for the purpose of achieving additional benefits in electric service to customers through greater coordination of the member companies' operations.

Ohio Power Company and Indiana & Michigan Electric Company, AEP sister companies of Appalachian, are also members of the new group.

The 11 companies today have available a combined power generating capability of 17.9-million kilowatts—about 8% of the nation's total—to meet the electric requirements of industry and an estimated 15-million people. The states in which they serve are: Virginia, Maryland, West Virginia, Pennsylvania, Ohio, Indiana, and Michigan.

Two Areas

Activities of the CAPCO group will lie in two principal areas: operating and planning. All of the companies today are directly or indirectly interconnected with one or more of the others by high-voltage transmission lines and have, for many years, realized many of the benefits of interconnected system operation. However, through

Sporn Appointed To National Group By President

Philip Sporn, retired president of our companies and of American Electric Power Company, has been appointed by President Johnson to the newly created National Commission on Technology, Automation and Economic Progress.

The 14-member commission will explore means of coping with problems created by automation and technological advances. Its chairman is Howard R. Bowen, president of the University of Iowa, and its membership comes from various fields, including educational institutions, labor organizations, and industry.

The nominations are subject to confirmation by the U. S. Senate.

Two States Put Teeth In Traffic Laws

Everybody remembers the three R's—reading, 'riting, and 'rithmetic, and the memories are pleasant. In Kentucky, the State Police have adopted three R's too, but they'll carry a sting for some drivers. They are radar, roadblocks, and rigid enforcement.

The new R's are part of an end-of-the-year campaign conducted by the State Police to put teeth into the revised point system established by the Department of Public Safety.

Radar will be set up on Kentucky highways, not only in the accident areas, but also in potential trouble-spots. Coupled with the 24-hour-a-day radar will be a series of unannounced roadblocks to pick up drivers who are suspended, revoked, or not licensed at all. Colonel James Bassett, head of the Kentucky State Police, said that the radar will help curb excessive speed, but the roadblocks will catch some drivers in the act of committing violations. The plan will also help curb accidents by finding the drinking driver actually behind the wheel.

The point system in Kentucky works in much the same manner as West Virginia's. Point values are assigned to specific violations. A driver collecting as many as six to nine points gets a letter from the Department of Public Safety, advising him to improve his driving habits. In the nine-to-11 points bracket, the driver is put on probation and may be required to appear for an interview with a Department representative. Accumulating 12 points in three years means that a driver's license is suspended for six months.

Suspension for varying lengths of time is also the result of convictions for racing, for driving 26 miles per hour over a speed limit, for violation of restrictions imposed

CAPCO, improved coordination of these operations and coordination of the planning of the expansion of the respective utilities' facilities will result in additional efficiencies and economies. These results in turn, according to CAPCO spokesmen, will provide further assurance to the companies' customers of a continuing economic and abundant power supply.

A CAPCO Executive Committee, composed of top executives of the member companies, will be responsible for basic policy and for fostering development of new opportunities for mutual benefit.

A CAPCO Planning Committee will make studies and investigations leading to recommendations concerning larger-capacity and more effective inter-ties, the staggering of construction, and joint development of generating units so that savings through the use of larger units can be achieved. It will also keep abreast of all advances and technical developments and recommend the adoption of new methods and techniques.

A CAPCO Operating Committee will coordinate the operation of the generating and transmission facilities of the respective companies so that the advantages of such operation may be realized to the fullest practicable extent. Matters to be considered by this committee will be the coordination of maintenance of the group's generating and transmission facilities, the energy flow, voltage, control of frequency, and other similar matters.

Past Cooperation

All of the 11 utilities participating in the new organization have had a long history of mutual cooperation and assistance. In addition to interconnections, each of the companies has been involved, for example, in one or more multi-member projects in such fields as nuclear power research, bulk energy supply programs, and generation-transmission research and development.

The new organization includes the following companies, in addition to Appalachian, I&M, and Ohio Power:

The Cleveland Electric Illuminating Co.—Cleveland, Ohio.
Duquesne Light Company—Pittsburgh, Pa.

Monongahela Power Company (a)—Fairmont, W. Va.
Ohio Edison Company (b)—Akron, Ohio.
Pennsylvania Power Company (b)—New Castle, Pa.
The Potomac Edison Company (a)—Hagerstown, Md.
The Toledo Edison Company—Toledo, Ohio.
West Penn Power Company (a)—Greensburg, Pa.
(a) Alleghany Power System
(b) Ohio Edison System

Jensen Promoted To Section Head

Frank G. Jensen has been appointed head of the AEP Service Corporation's heat exchanger and pump section. He succeeds Carl E. Brune, who retired November 1 after 25 years with the Service Corporation.

Jensen joined the Service Corporation in 1956 as an assistant mechanical engineer. He became an engineer in 1959 and was named assistant head of the same section in January, 1963.

Haleford Bridge Wins Steel Award

Appalachian's thousand-foot-long Haleford Bridge across Roanoke River has won a Prize Bridge Award from the American Institute of Steel Construction.

Chosen from among 135 entries, the largest number ever in the annual competition, the bridge fulfills the goal of the contest, to recognize and encourage the imaginative and aesthetic use of fabricated structural steel in bridges.

The bridge was part of a \$2-million program of road and bridge improvement made by Appalachian in the area affected by the impoundment of Roanoke River behind the Smith Mountain Dam. It was designed by the Roanoke architectural and engineering firm of Hayes, Seay, Mattern & Mattern, and cost slightly more than a \$1-million.

by the Department, and for attempting to elude peace officer under certain conditions.

Some typical point values in Kentucky are these: speeding, three to six points; passing stopped school bus, five points; passing in no-passing zone, five points; reckless driving, four points; driving on wrong side of road, four points.

Tennessee is also strengthening enforcement procedures, and in addition, has embarked on an intensive education program aimed specifically at younger drivers. The state's 1963 highway safety performance was the worst on record, and so far, 1964 is running 10 per cent higher.

So, highway patrols are using radar in unmarked cars for 18 hours a day, and in some places, helicopters are being used to locate speeders.

The upcoming session of the Tennessee legislature will consider

a number of ways to increase financial responsibility of drivers, to control drivers, and to improve collection of data on highway violators.

Meanwhile, in eastern Tennessee, in which our employees operate, Lt. Carson Webb of the State Highway Patrol is continuing his program of lectures to schools, clubs, and groups on safe driving. It is his thought that if drivers now in their teens can be made safety-conscious, then there will be a steady decline in highway traffic deaths in the years to come.

EDITOR'S NOTE: This is the last of a two-part series on the efforts being made by the four states in which our companies operate to curb excessive highway speed and reduce traffic accidents. A great many of our employees make frequent use of these highways, and their adherence to the letter and spirit of the law will do much to promote the safe conditions that are so essential.



Lt. Carson Webb of the Tennessee State Highway Patrol speaks to a group of Kingsport line and station employees about the desperate need for highway safety.

Five From Appalachian Speak At AEP Meeting

Five men from Appalachian Power Company covered important topics during the recent AEP System Management Meeting in Wheeling.

Joe P. Gills, vice president and general manager, stressed steps to be taken to reduce accidents involving the public with System electrical facilities. The measures he proposed included finding and correcting potentially unsafe electrical situations, the development of improved public educational programs and their presentation on a continuing basis, and closer contact with operators of cranes, shovels, and well digging equipment.

J. P. Cruickshank, company transmission and distribution manager, discussed tree and brush control on power line rights-of-way. He

pointed out that right-of-way maintenance in 1964 will cost nearly \$4-million, and that since 1955, the system's miles of right-of-way have increased 12% from 72,000 to 81,000 miles and contractor's labor rates for clearing land have increased 29%.

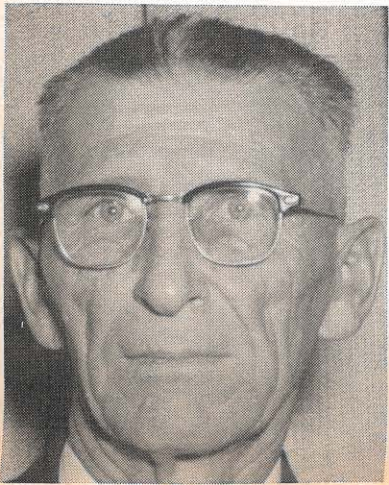
He called for closer supervision of contractors' performances in tree and brush control and detailed a number of the current methods employed in this work.

E. C. Rankin, assistant transmission and distribution manager, in a session devoted to engineering, discussed the handling of emergencies in substations. He reported on new line-of-action emergency procedures under Appalachian's recent divisional reorganization and also reviewed the equipment and methods now available for quick use during outages.

J. B. Berg, assistant accounting manager, reported on improved efficiencies and lowered costs achieved for office and stores functions in several system plants through the use of simplification and centralization concepts.

In the sales portion of the meeting's program, E. P. Hager, Logan division C&I sales engineer, described how the city of Logan's business district is being converted to the total-electric concept. He also analyzed the major factors contributing to this acceptance of electric heating and pointed out ways of applying these factors in converting other "Main Streets" on the system to total-electric thoroughfares.

Claytor Employee, I. R. Akers, Retires



Mr. Akers

With more than 22 years of service, Irvin R. Akers, hydro operator at the Claytor hydro plant, retired November 1.

He joined the company in 1942 at Claytor and spent his entire career there. He worked as a special guard, an assistant station operator, and maintenance man before he was promoted to hydro operator.

A native of Pulaski county, Mr. Akers worked on construction prior to coming with the company. He is a member of the Mount View Methodist Church and serves on the official board.

Mr. and Mrs. Akers have one daughter and two sons. They will continue to live in Pulaski County. His plans include the completion of a greenhouse for Mrs. Akers, who raises flowers and shares them with the entire area. Some vegetable gardening and fishing are also planned.

McCrary Earns CPA Certificate

M. E. McCrary, Jr., administrative assistant in the system accounting office, has been awarded his Certified Public Accountant Certificate.

Mr. McCrary was employed by Appalachian Power Company on January 15, 1959 in the System accounting office.

Mr. McCrary, a native of Birmingham, Alabama, received his B.S. and M.B.A. degrees from the University of North Carolina and is a member of Phi Beta Kappa.

Mr. and Mrs. McCrary and their three children reside in the Windsor Hills area of Roanoke.



Mr. Umberger

Frank Umberger Dies In Kingsport

Frank K. Umberger, Jr., assistant office supervisor with the Kingsport Power Company, died November 20 following a short illness.

In June of this year, he received his 30-year service pin and in October celebrated his 50th birthday.

He was employed as a clerk in 1934 and promoted to chief payroll clerk in 1940. He has been assistant office supervisor since March 1, 1944.

Born in Erwin, Tennessee, he went to school in Kingsport. He was very active in church affairs, being a member of the Board of Stewards of the Broad Street Methodist Church for a number of years.

He is survived by his widow, Helen; one daughter; and a son, now a junior at Tennessee Polytechnic Institute.

Grizzle Elected To Ruritan Post

Worley Grizzle, lineman in the Gate City line crew, has been elected Lieutenant Governor of Zone 5, Southwest Virginia District of Ruritan. He is a former president of his home club at Yuma, Va.

A native of Russell County, he was employed by Appalachian on September 27, 1948 in the Abingdon District.

Mr. Grizzle is married and has a one son.

Old Timers Feted At Abingdon

The annual dinner of Abingdon division's "Old Timers" was held October 29 at the Greenway Party House. The 48 active and retired employees on hand represented 1401 years of service.

E. W. Henson, Smyth county line foreman, was elected president and Brownie Yeager, managerial department, was elected Secretary.

Fast Action On Application Started 38-Year Career

Verdie E. Linkenhoker of the Roanoke division commercial department has retired after 38 years service with the company. She said she recalls filling out an application on the morning of July 28, 1926, and going to work that afternoon at one P. M. She began in the local accounting office as a clerk, was promoted to clerk intermediate in 1944 and, after moving up the promotion ladder, became senior contract entry and final bill clerk in April of 1955. Miss Linkenhoker said she "likes any kind of work that has to do with figures."

In 1956 she was transferred to the division commercial department, where the work was slightly different. Here she worked with her fingers. She reflected back some 30 years to a commercial course she had taken at National Business College, and noted that she had never used the shorthand or typing until moving into the commercial department. At first, she said, her "fingers were rather stiff, but after eight years of typing they were rather supple now." After another promotion, Miss Linkenhoker ended her Appalachian career as a general clerk-commercial.



Miss Linkenhoker

A member of the Virginia Heights Baptist Church, she lists her hobbies as reading, sewing, flowers, and traveling. She has tentative plans to take a trip to Florida early in 1965, but will continue to make her home in Roanoke.

AEP System Joins ECAP

The American Electric Power System has joined the nationwide Electric Companies Advertising Program—popularly known as ECAP—and will begin participation in its advertising activities on January 1.

More than 100 investor-owned electric utility companies support ECAP. Its job is to present facts through advertising about the business of producing and delivering electricity and to do it in such a way that the general public will be better informed about the benefits of service from the nation's investor-owned utilities.

To carry messages about the industry to the widest possible audience, ECAP is planning to use nationwide television in addition to popular magazines. The magazines employed for ECAP advertising include *Look*, *Reader's Digest*, *The Saturday Evening Post*, *Time*, *Newsweek*, and *U. S. News & World Report*, as well as national farm publications.

TV Series

ECAP's new television presentation will be "Electric Showcase," a series of five full-hour variety spectaculars on the American Broadcasting Company network, Gordon and Sheila MacRae will be featured as host and hostess of the continuing series.

First of the five programs, "Winterland On Ice," will be carried on the ABC-TV network on Sunday, December 27, at 7:30 p.m. EST. It will be staged against the live background of an actual Ice Follies public performance and will mark the TV premier of the Shipstad & Johnson Ice Follies, a company of 167 talented skaters.

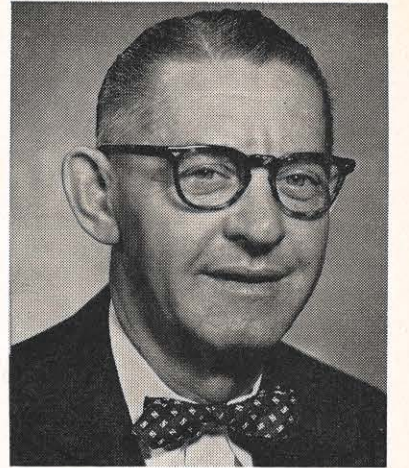
The ECAP advertising program is carried out by the advertising firm of N. W. Ayer & Son, Inc., assisted by three groups of representatives of the participating companies. They are:

THE MANAGEMENT GROUP, made up of utility company presidents or their representatives, which serves as a board of directors, agreeing on each year's plan of advertising and approving budgets, advertising messages and media.

THE ADVISORY COMMITTEE, consisting of 15 officials selected from the Management Group to represent broad geographical areas, which serves as a steering committee and recommends on matters of policy and direction.

THE COPY GROUP, made up of advertising professionals from the various companies, which works with N. W. Ayer on the advertising "approach" and pools its talents to develop the most effective copy for each message.

Huntington Man, J. R. Hughes, Dies



Mr. Hughes

James R. Hughes, retired stationman in the Huntington division, died November 4. He had retired in February of this year due to ill health.

Mr. Hughes began his Appalachian employment July 13, 1935 as laborer. He also worked as electrician helper, electrician and electrical maintenance man.

He was a member of the board of directors of the Ceredo-Kenova War Memorial Building and on occasions served as manager of the C-K Bowling Lanes, and a member of the First Baptist Church in Kenova.

He was born in Ashland, Ky., he and his wife resided in Kenova, W. Va. Burial was at the Woodmere Cemetery in Huntington.

Lynchburg Honors Long Service Employees

The annual awards dinner honoring Lynchburg division employees with company service of at least 20 years was held last month.

Attending were O. C. O'Brien, and C. W. Singleton, 40 years; C. H. McCarthy, Jr., H. L. Davis, R. C. Foster, and W. E. Crouch, 35 years; C. D. McCarthy, R. H. Porter, R. G. Hooper, J. P. McDermott, P. H. Snead, and W. H. Kelley, 30 years; D. E. Booth, and R. L. Hatch, 25 years, Wesley Garner and Mrs. Hazeltine Bell, 20 years.

Other division employees receiving service pins during the year were Wm. A. Robertson, Paul R. Keys, James R. Dorman, R. O. Cash, A. W. Haley and K. T. Triplett.

Grand Tour



With the idea that the new lighting and other features of the remodeled and redecorated executive offices would be of interest to all employees, Joe P. Gills suggested a series of coffee-break tours of the area. Over a period of a month, in groups of 20 to 30, about 500 employees took the grand tour, which included coffee



in the conference room, visits to Mr. Gills's office (left), and to the new Load Coordinating Office on the sixth floor. In the picture at right, Gene Gillock explains the workings of the center. Tour leaders were Elizabeth Bosang, Mildred Dowdy, Lyndall Higginbotham, Lowell Tinsley, and Gene Gillock.



Married in recent weeks around our system were, top, left to right, Mrs. James Haga, Charleston; Mrs. Werner, Pulaski. Second row: Mrs. Thomas C. Clements, Bluefield; Mrs. John Haddon Smith, Charleston, and Mrs. David Allen Seibert.

Recent Marriages

Witt-Haga

Jane Witt exchanged wedding vows with James Haga in a ceremony performed in Pearisburg, Virginia, September 5. Mrs. Haga is the daughter of R. M. Witt, an engineering aide in Beckley.

Barnette-Werner

Bonnie Sue Barnette and Alfred Kenton Werner were united in marriage at the Thornspring Methodist Church in Pulaski, Virginia, October 23. Mrs. Werner is an employee in the division commercial department in Pulaski.

Wiley-Smith

A double ring ceremony performed in the First Methodist Church in South Charleston, West Virginia, November 14 united Judith Margaret Wiley and John Haddon Smith, Jr., in marriage. Mr. Smith is an office messenger in Charleston.

Scott-Cochran

Brenda May Scott became the bride of Floyd Cochran in a ceremony performed October 21. Mrs. Cochran is the daughter of Raymond Scott, a lineman in Pikeville.

Gillespie-Clements

Anne Fuller Gillespie was married to Lieutenant Thomas Collins Clements October 30 in a ceremony performed in Raleigh, North Carolina. Mrs. Clements is the daughter of W. J. Gillespie, Jr., division manager in Bluefield.

Bates-Seibert

Carolyn Sue Bates and David Allen Seibert exchanged nuptial vows in a ceremony held November 6 in the Walnut Hills Nazarene Church in Huntington, West Virginia. Mrs. Seibert is the daughter of R. M. Bates, T&D clerk in the Huntington division.

Tips For Giving

To Mother And Dad

Here's a tip for sons and daughters who would like to give their mothers and dads something for Christmas, but are short of cash. It's a gift that will be greatly appreciated, and it won't cost a penny.

First, think of some chores that can be done around the house to make things easier for parents, who sometimes get tired. Perhaps there is garbage or trash to carry out, or a smaller brother or sister to take care of for a while for mother. Dad would appreciate a few car washes, help with the lawn or shoveling snow, or maybe a shoe shine.

Next, get some paper and scissors, cut out coupons, and print gift certificates, for chores around the house. When the coupons are ready, wrap them neatly and slip them under the Christmas tree. Then, watch the happy smiles that will be better than most anything that could be bought with just plain money.

But, says Santa, be sure to limit gift coupons to chores that can be done, so that when mother and dad redeem their coupons, there are no replies such as "Not now..." or "wait a minute..."



Sue Shultz of Charleston gives pointers to her son, Bill, and his twin friends, Kent and Kim Woodruff, on chores they could offer to do for their Dads as Christmas gifts.

College Who's Who Selects Daughters Of Two Employees

The daughters of two employees have been named to membership in Who's Who in American Colleges and Universities.

Helen O'Neal, foster daughter of Versal Spencer of Roanoke, is a senior at Roanoke College where she is majoring in biology. She is president of the women's Athletic Association and of the Newman Club, and is secretary of Tri-Beta, Co-captain of the girl's basketball team, she has lettered in basketball and hockey, and received the school's athletic achievement award for scoring the second highest point total in intramurals. Miss O'Neal has served on the staffs of the *Brackety-Ack* and the *Rawenoch*, and was a member of the Freshman Advisory Council.

Miss Linda Kay Hudson, daughter of Lawrence R. Hudson, is a senior at Agnes Scott College, in Decatur, Georgia. Miss Hudson was chosen on the basis of her scholarship, service to the college and her participation in extra-curricular activities. In 1961, she won the AEP Educational Award.

AD Booklet Wins First Place Award

An AEP System brochure—"7 Keys to Profitable Plant Location"—recently won the first-place award for a direct mail publication in a contest sponsored by the Edison Electric Institute's Area Development Workshop. The booklet was among 92 entries considered by judges from the fields of advertising, real estate and industry.



New Arrivals



Abingdon Division

MR. AND MRS. J. A. SELF, a daughter, Melissa Ann, October 28. Mr. Self is a meter serviceman.

Bluefield Division

MR. AND MRS. JAMES COOK, an adopted daughter, Elizabeth Ann, November 6. Mr. Cook is building supervisor.

Charleston Division

MR. AND MRS. CHARLES E. GRAY, a son, Charles Eugene, Jr., November 14. Mr. Gray is a station man.

MR. AND MRS. JAMES DUFFIELD, a daughter, Shelda Lea, November 16. Mr. Duffield is a radio engineer.

MR. AND MRS. K. C. SMITH, JR., a daughter, Kathy Ann, November 13. Mrs. Smith is a former stenographer.

Glen Lyn Plant

MR. AND MRS. D. E. HALL, a daughter, Kathy C., October 14. Mr. Hall is a utility operator.

Kanawha River Plant

MR. AND MRS. GEORGE YUELL, JR., a daughter, Ann Frances, November 12. Mr. Yuell is an instrument maintenance man.

Logan-Williamson Division

MR. AND MRS. HAROLD E. GARRETT, a daughter, Teresa Ann. Mr. Garrett is a meterman.

Roanoke Division

MR. AND MRS. IVY J. LAYMAN, JR., a son, William Fred, November 1. Mr. Layman is a meter reader.

Philip Sporn Plant

MR. AND MRS. ROBERT M. GILLAND, a son, Darren Michael, October 23. Mr. Gilland is an auxiliary equipment operator.

System

MR. AND MRS. J. O. ADDISON, a son, Gary, October 6. Mr. Addison is employed at Holston station.

County 4-H Honors Lovis Mitchell

Lovis Mitchell, home sales representative in Abingdon, was honored with the outstanding 4-H Club leadership award for Washington County.



Miss Mitchell

The award and recognition of leadership was sponsored by the Bristol Chamber of Commerce and was presented November 11. Miss Mitchell is a native of Buchanan County. She graduated from Grundy High School and received her B.S. degree in Home Economics from Radford State Teacher's College. After teaching one year at Garden High School, she joined Appalachian's staff at Welch, West Virginia. She was transferred to Abingdon in 1961.

Miss Mitchell lives in Abingdon where she is active in civic and Baptist Church work.

They're Engaged

MARIAN A. MESSERIAN to 1st Lt. D. B. Savage. Miss Messerian is a home sales representative in Logan.



Scout Honor

Proud parents, Mr. and Mrs. J. L. Richmond of Logan, pose with their daughter Mary Ann, after she received the Girl Scouts' God and Community award at recent children's day services at the Nighbert Memorial Methodist Church.

Working With Small Boys Confusing, But Rewarding

Jean Sturm finds pleasure in a busy schedule that includes a lot of work with children. As a choir mother at Charleston's Calvary Baptist Church, she assists the minister of music with the boys choir. "There is always a lot of confusion," she said, "when the boys get into their robes for rehearsal or for a Sunday program." Mrs. Sturm buttons collars, straightens robes, keeps the boys sorted out and in line. She arranges and supervises bowling parties and other activities for the youngsters, including her 11-year-old son, William Michael, who is in the choir. With

a Christmas cantata scheduled December 20, and caroling planned for the neighborhood and in local hospitals, the practice sessions have doubled.

Mrs. Sturm teaches a class of four year olds at Sunday school, and they have a cherub choir which will don white robes to sing at Christmastime.

In addition to these activities, she is a home room mother at the J. E. Robins Grade School in Charleston. As she put it, she "likes working with children." She works for the Charleston meter department.



Mrs. Jean Sturm, far left, choir mother for Charleston's Calvary Baptist Church's boys choir, adjusts the robe for one of her youthful charges as they prepare for a dress rehearsal.

Music Is Source Of Christmas Joy To Layne

Christmas has many delights, and in all of its pleasures, both quiet and joyful, each of us finds something in the season that is special. For E. D. Layne of Lynchburg, it is the music of the church.

Mr. Layne, who has been interested in music and singing as long as he can remember, is choir director at Lynchburg's Perkins Park Christian Church. His choir has been preparing special Christmas music since August. He said the cantata must be "letter perfect in both words and music. If the

choir is relaxed, it puts more feeling into the music, and the audience responds and appreciates the true meaning and spirit of the cantata," he added.

Mr. Layne, who has been a choir director 15 years, said the music is as good as the director makes it. He has taken three music courses to better "ignite the spark of music everyone has inside." He attended choir directing and music appreciation courses at Lynchburg College, and recently completed a course in church music taught by

the director of music at the Fairview Christian Church.

He comes by his musical inclinations naturally. Mr. Layne's 83-year-old father sings in a church choir and in a local quartet. His four sisters belong to a church vocal group; a brother is a choir director in Richmond. His wife and daughter sing, and his son is organist and choir director in a large Washington, D. C. church.

Mr. Layne began singing in a children's choir years ago, progressed to the church choir, and sang tenor for years with the Euclid Quartet, which appeared throughout the state at religious meetings, revivals, social events, and high school commencements.

About a year ago, he organized a children's choir at the Perkins Park Church, in addition to his regular choir duties. Every Monday evening between 16 and 20 youngsters attend regular rehearsals.

Mr. Layne warms appreciably when he talks of the "drawing power music has on people." "Did you ever notice," he asks, "when someone goes into a room and plays the piano or sings, soon others will join him." He said, "when I'm tired or under tension, nothing is so relaxing as playing the piano and singing." He sums up his interest in music by saying, "music is a vital part of the church because it helps to relax people and prepare them for worship."



E. D. Layne, choir director at Lynchburg's Perkins Park Christian Church, explains a part of the Christmas music program to the children's choir, which he also directs.



Mr. Watson Mr. Fugitt Mr. Taylor Mr. Ferguson



Mr. Herndon Mr. Chadwell Mr. Titus Mr. Harbour

Latest "Operating Ideas" Lists Contributions By Ten

Employees at Ashland, Huntington, and Clinch River and Philip Sporn plants have articles in the November issue of AEP Operating Ideas.

Three men at Philip Sporn, Robert E. Herndon, Wyatt F. Chadwell, and Frank E. Titus, wrote a story entitled, "Invents Way to Balance Exciter at High Speed" in which they described a method of balancing the exciter armatures at their normal speed and while still installed on their bearings. The procedure enables the exciter to be balanced while the rest of the generating unit is returned to service, and also during an outage when boilers and turbines are out of service.

Four results department employees at Clinch River—H. Ferguson, T. Watson, A. Nester, and J. Hackney—wrote about a new air sample averager for the excess air analyzers, used to help determine optimum air-gas ratios in operating units, that has saved at least 300 maintenance man-hours in a year. The new unit is a pressure and flow regulating device which uses water back pressure to maintain correct sample flow to the analyzer, permits more reliable readings, and has led to greater boiler efficiency. Its operation is based on the simple principle that equal-sized orifices with equal pressure differentials



Mr. Nester Mr. Hackney

should pass equal sample flows. Samples collected are more representative of actual boiler conditions.

B. B. Harbour, of the AEP Service Corporation's general chemical laboratory at Huntington, has recently conducted successful tests with specially formulated fire-retardant paints. Of the paints tested, Saf, a special formulation, was judged to provide the best overall protection, with less scorching than the type formerly recommended. The laboratory recommends its use in areas where fire hazards may develop, including: oil storage rooms, paint and solvent storage rooms, boiler rooms, laboratories, coal preparation rooms.

Jay Fugitt and H. E. Taylor, Kentucky Power Company linemen at Ashland, submitted an article on improved safety and operating procedures for the Holan elbow aerial lift bucket. They suggest hanging tools around the edge of the bucket by glueing tool holsters to plastic hooks which have been heated and formed to the desired shapes. This, they say, eliminates congestion and makes working conditions safer. They also recommend fastening the safety rope to the boom for added security.

36-Year Veteran Retires In Roanoke

Carlos A. Farrar, Roanoke meterman, retired on December 1 with more than 36 years of service. He was employed as a meter tester in the Roanoke district meter department on September 24, 1928.



Bucket Training

New bucket and digger trucks in use for the first time in the Welch, Pineville-Mullens, and Grundy areas meant that line crews had to be trained in their operation. The system transportation department and a manufacturer's representative cooperated in briefing the crews at Welch, as shown here.

Hulme Promoted To Records Post

William Hulme was promoted to T & D record supervisor, for the Pulaski division, effective November 1. He began his company employment January 17, 1941 as clerk and stenographer at Welch, West Virginia, where he advanced to head T & D clerk. He was transferred to Pulaski, in the same capacity June 1, 1963.

Mr. Hulme was born at Lancashire, England. He attended West Virginia public schools and West Virginia Business College. He is married and has two daughters.

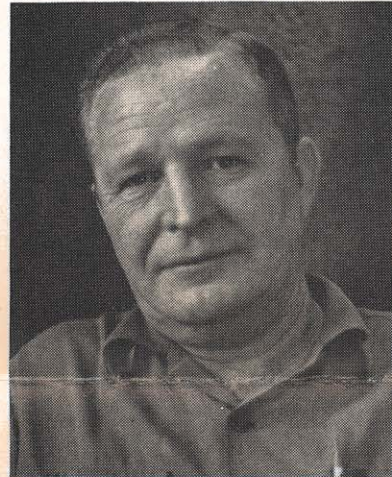


Mr. Hulme

Ashland Honors Plant, System, Division Veterans

Five and-a-half centuries of service were honored at Ashland's recent annual service pin dinner. Twenty-three employees representing the Ashland division, Big Sandy plant, and system departments were recipients of service pins during 1964 and were honored guests at the annual dinner.

The program was headed by Waldo S. LaFon, assistant general manager, who remarked on the total electric concept and the employee's part in the advancement of our company. Also included on the program as speakers were Cal Jones of Ashland Oil & Refining Company; R. F. Millikan, system safety director; Ronald Marshall, Big Sandy plant Manager; and C. C. Darrah, division manager.



Mr. Combs

Rankin Combs Retires Early

Rankin Combs, engineering record clerk in the Hazard division, has elected early retirement because of ill health.

Mr. Combs joined the company in 1947 and worked the entire time in the engineering department. His health began to fail in 1961.

Mr. Combs and his wife will continue to live in Vicco, Kentucky.

Collier Named Working Foreman In Pikeville

Jesse R. Collier, lineman in the Pikeville division, was promoted to working foreman November 1. Mr. Collier began his service with Kentucky Power Company as a groundman in Pikeville in November 1945, and later worked in the lineman classification.



Mr. Collier

Mr. Collier has been active in the Pikeville Jaycees and more recently has been very active in Little League baseball and football, as well as other sports in high school and college.

Collier, his wife, and three sons attend the First Presbyterian Church in Pikeville and make their home on Kentucky Avenue, Pikeville.

Let It Snow: Beckley's Ready

They're telling the story of electric heated sidewalks in the Beckley area and they are doing it by example. So, when it became necessary to replace the 180 feet of sidewalk in front of the Appalachian office building, plans were initiated by W. C. McMahan, area manager, to install sidewalk heating cables in the new sidewalk and the new platform leading into the front of the office door.

R. L. Loudermilk, commercial sales representative, designed and supervised the installation.

As a result of the project, the Methodist Church is installing

electric heating cable in its sidewalk, and a new dress shop will install electric cable in its sidewalk for snow removal within the next two months. This brings to eight the number of business firms in the Beckley area that have installed the sidewalk cable.

The two most pleased employees in the area are Bob Duren and Bob Baker, janitors, whose responsibility it was to keep the sidewalk and platform clear of snow and ice. Since this area is generally known for its deep snows, there would sometimes be as much as four or five feet of snow piled up on the sidewalk.



Heating cable goes into fresh concrete in the sidewalk in front of the Beckley office.

Happenings

Around the Circuit

... Among Employees and Their Families



KENTUCKY

Ashland

The Board of the Kiwanis Club of Ashland has re-elected J. A. Palmer and J. H. Via Jr. as directors. . . A new galloneer has joined the ranks. Charles Pope has awarded his first gallon pin during the most recent visit of the bloodmobile here.

New employees in Ashland are Roger Richardson and Linda Mayfield.

The 1964-65 Community Chest-Red Cross campaign in the Ashland area, led by Jack Palmer successfully met its goal of \$154,000. Operating with a team of volunteer helpers, Jack led the effort under the theme "Your Finest Hour" and based it on fair-share giving.

Pikeville

Two Pikeville men, active in Masonry, attended the annual convocation of the Grand Lodge of Kentucky in Louisville last month. They are Clifford Aders, who is senior warden of the Wheelwright Lodge, and John Turnley, master of John W. Hall Lodge in Martin.

New employees are Donnie Allen and Kenneth Childers. Bill Compton has resigned and moved to Georgia.

Linda Pat Flanagan, daughter of H. R. Flanagan was selected as junior attendant to Pikeville High School's Homecoming Queen, and took part in festivities in a parade, football game, coronation, and homecoming dance.



LOGAN-WILLIAMSON

Logan-Williamson

H. W. Cerrato was one of several employees or their relations who were elected to posts of varying degrees of responsibility recently. He was re-elected to the Red Cross board, and C. L. Miller was chosen for his first term on the board. . . George Boothe was picked as vice president and his wife Ruth secretary of their Sunday School class at First Methodist Church. . . Mrs. Lorryne Corea is the new secretary-treasurer of the Williamson

High School Booster Club, and was also named chairman of the program committee and decorations committee for the annual football banquet. . . C. L. Miller has been re-elected district commissioner of the Mingo-Pike district of the Boy Scouts.

Among school youngsters, Hank Taylor, son of Okey Taylor, was crowned King of the Fall Festival at Forest Hills Grade School. Hank, a fifth-grader, had occasion to meet Miss West Virginia shortly after, told her of his rank, and received an autograph "to my favorite king". . . Karen Cantees, Naomi's daughter, was the sophomore attendant to Miss Williamson High at the Logan-Williamson football game. . . J. L. Richmond's son, Bruce, was elected president of the Key Club at Logan Senior High School.



BLUEFIELD

Bluefield

Church news in Bluefield: College Avenue Baptist Church leans heavily on Appalachian people. Arnold Crotty, Paul Parks, W. C. Kidd, and Ray Heldreth were all elected deacons, and Ray was elected adult superintendent of the Sunday School. Over at Westminster Presbyterian Church, E. Lane Whitley was elected second vice president and Leonard Thomas secretary-treasurer of the Men of the Church. In Boy Scouting C. B. Yearout is the new camping and activities chairman.

Mrs. Keith Chambers is listed in the Old Dominion Who's Who, and Mrs. C. R. T. Ryan is vice president of the Newcomer's Club.

Glen Lyn Plant

Two plant men were elected to office in the Glen Lyn Ruritan Club. C. D. Wiley was elected vice president and J. E. Brown, treasurer.

Welch

Mrs. L. H. Myers was Grand Representative to British Columbia from West Virginia in the Order of Eastern Star, and recently attended Grand Chapter held in Clarksburg, West Virginia.

Mrs. Syble Hardy has been elected vice president of the Laurel Home Demonstration Club in Buchanan County. . . Pete Thomas, son of Walter J. Thomas played in the Little League Football All-

Star Game held in Welch last month. . . Judy Dee Farley was selected as a junior student council representative of the junior class at Pineville High School.

Mrs. Erle McKinney, wife of Erle McKinney, lineman, won a red ribbon for her entry in the horticulture division at a flower show held recently in Welch.

Janet B. Jones has resigned, and Brenda S. Mullins, is a new employee.



HUNTINGTON

Huntington

H. D. Stillman was honored by the Huntington Railroad Community Service Committee with a plaque for his efforts on behalf of the welfare of the railroad industry in the area.

W. M. Pancake took the part of "Miss Pigskin" in the all-male Big Black Backers annual style and variety show in Point Pleasant. This is the second year he participated in the show, which puts the men participants into women's clothes. Proceeds are used to maintain the football stadium at Point Pleasant High School.

Philip Sporn Plant

The new officers of the plant's 20-year veterans' organization are Paul Scally, president; Edwin L. Stein, vice president, and Frank M. Ward, secretary-treasurer. The group held its annual meeting and election October 15.

Mary Arnold was the winner and Jean Warner the runner-up in the Fisher Handicap Golf Tournament.



PULASKI

Carson W. Dalton has been named a director of the Pulaski Kiwanis Club, and Mrs. Dorothy Whitaker has been elected secretary of the Pulaski Council for Weekday Religious Education.



ROANOKE

W. H. Hart has been installed as president of the Camera Club

No Bean Eaters



These Charleston heating and builder sales representatives made a total of 59 sales in an intensive four-day electric heat, "operation clean up" in August. Pictured, left to right, are: Ed Sheets, Walter McGraw, Walt Minsker, Hubert Shabdue, Jim Musgrove, LeRoy Balding, Emil Gore, and Tony Pallares. Because each met his quota, he had steak, rather than beans, at a celebration dinner. Of the heat sales, 26 were conversions, 33 new electric heating customers, for an estimated annual revenue of \$8,924.

of Roanoke, and Prince E. Thornton has been elected Chairman of the Leadership Training Committee in Franklin County for the Boy Scouts of America. . . Darrell Joyce is a new employee.

System

Raymond Taylor has had a notable honor conferred on him. The Sunday School Bible Class he has taught and led for 15 years has now changed its name to the Raymond G. Taylor Bible Class. Under his leadership many of the men in the class have moved into positions of responsibility in the church.

New employees in the system accounting office are Leonard Burcham, Richard Boone, Janice Harris, William Beckett, and Gene Hylton. . . J. E. Paxton and Etha Reynolds have resigned.



CHARLESTON

Charleston

Sound knowledge of college football—and good guessing—won \$50 for Jennings Fulkner last month when, in a contest sponsored by a local restaurant, he picked 19 winners. Jack Smithers, not so successful, won \$5.00 as a consolation prize.

Curt Willis and Jim Cook went hunting last month, but for awhile there was some doubt as to who was the hunter and who the hunted. While the two were resting a large black bear ambled out of the woods near them, observed them, and then, with no ill will, returned whence he came. Bears being out of season for humans, and apparently vice versa, the two settled for squirrels.

Many employees took training of some sort or gave it. Paul Parsons directed first aid refresher courses at Montgomery and North Charleston recently for a total of 30 persons. . . John Griffie, who is president of the Kanawha County Club Officers Training School of the 4-H Clubs, spent a day at a special 4-H training school in Charleston. About 462 boys and girls, all officers of county clubs, attended. . . Nine employees enrolled in a special study course on applied protective devices, sponsored by the Institute of Electrical and Electronics Engineers. . . Earl Stone took part in a school sponsored by the West Virginia Motor Truck Association on maintenance of commercial vehicles. . . Another nine employees took part in an industrial management course sponsored by the YMCA.

Delt Crosier was the author of an article published in the September issue of "Transmission and Distribution" magazine. The title of his piece was "Modified Derrick Helps Set Poles Plumb."

John Wright and H. H. Hutcheson have been recently received into the Institute of Electrical and Electronics Engineers.

John Frazier and Oscar Kallmarten took their places on the fire line recently when flames on Goff Mountain presented a danger to the homes in the area. The two put in about four hours of fire-fighting before the immediate danger was subdued.

Connie Musgrave, Jim's wife, has been elected president of the Newcomers Club in St. Albans. This group welcomes new residents of the town and helps them get to know persons with similar interests.

Linda Weaver, eight-year-old daughter of Jack Weaver, was one of four essay winners in a contest sponsored for young patrons of the public library. The youngsters had to submit essays on "My Favorite Carolyn Haywood Story," marking that author's 25th anniversary in the book-writing business. Linda's essay was read over a Charleston radio station.

David Fisher and Raymond Martin are new employees. . . Fred Brown is a member of the newly-formed alumni chapter of Tau Beta Pi engineering fraternity. . . Julian Hansbarger has been elected to the board of Morris Harvey College at its annual meeting. . . Margaret Mann, daughter of the late John V. Mann, was runner-up for the title of Homecoming Queen at West Virginia University.

Beckley

W. C. McMahan and John Gates have been elected to the board of directors of the Community Scholarship Foundation. . . Jenny Humphries, wife of Tom Humphries, has been elected president of the PTA at East End Grade School in Oak Hill.



ABINGDON

Abingdon

Fillmore McPherson has been elected secretary of the board of trustees of Emory & Henry College, and along with Paul Dunn, was also re-elected to the board of directors of the Virginia Highlands Festival of Arts and Crafts, the summertime event that fills the town of Abingdon with visitors.

(Continued on page 9)

Golden Anniversary



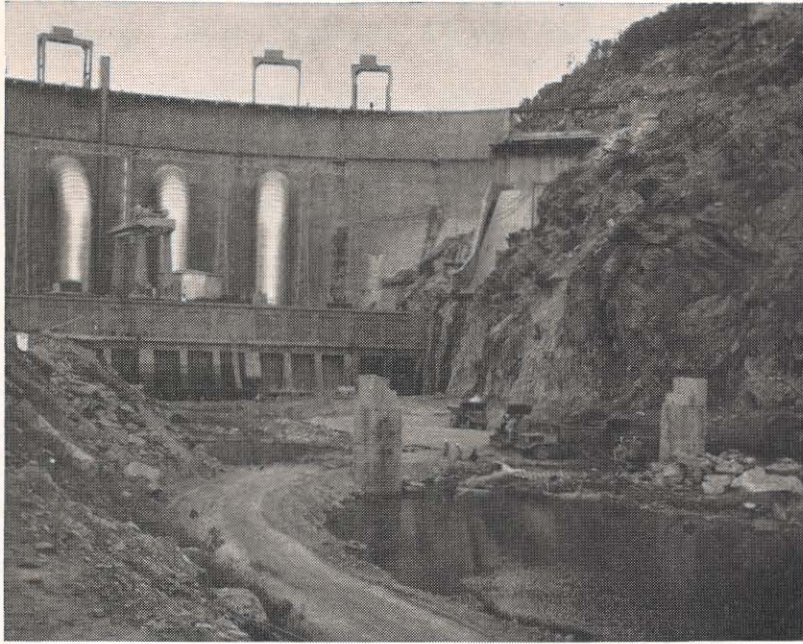
Mr. and Mrs. Grover C. Thompson celebrated their golden wedding anniversary recently at their home in Narrows with the families of three daughters in attendance. Mr. Thompson retired as unit foreman at Glen Lyn in 1957, after 31 years with the company.

Ready For Business

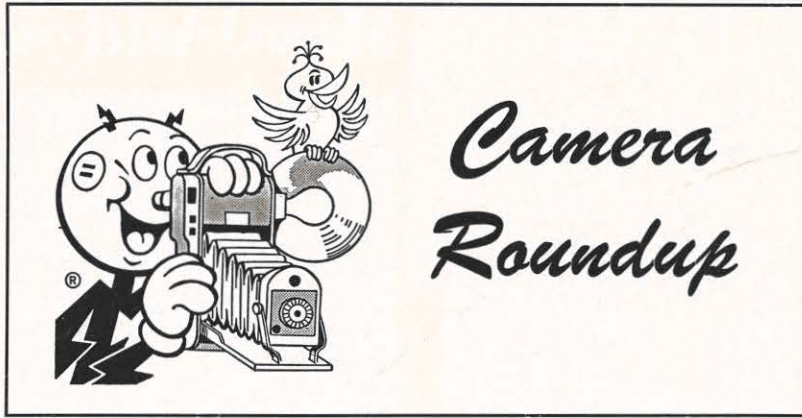


Opened for business last month after complete renovation was the dazzling and bright new lobby in the general office building in Roanoke. Decorated in pastel colors, and highlighted by walnut paneling, the lobby also features a luminescent ceiling containing 700 fluorescent lamps. Groupings of sofas and tables for

visitors and customers, an area for customers' service applications, and display areas for appliances will complete the lobby with the cashier's desk. Ready for customers in the picture above are, from left, Mrs. Rosalie Robertson, Mrs. Alice Naff, and Mrs. Helen West.



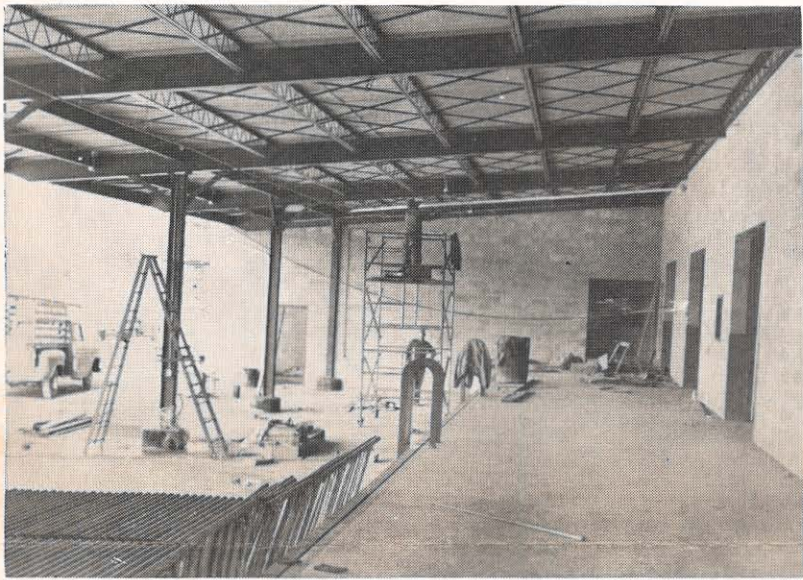
The changing face of the Smith Mountain project shows work progressing on the channel clean-up, and only the cylindrical supports for the old bridge used during the course of construction work. The bridge, which carried thousands of vehicles in the past three years, has been replaced by a new one farther downstream. It ties in with a new road leading to the top of the mountain.



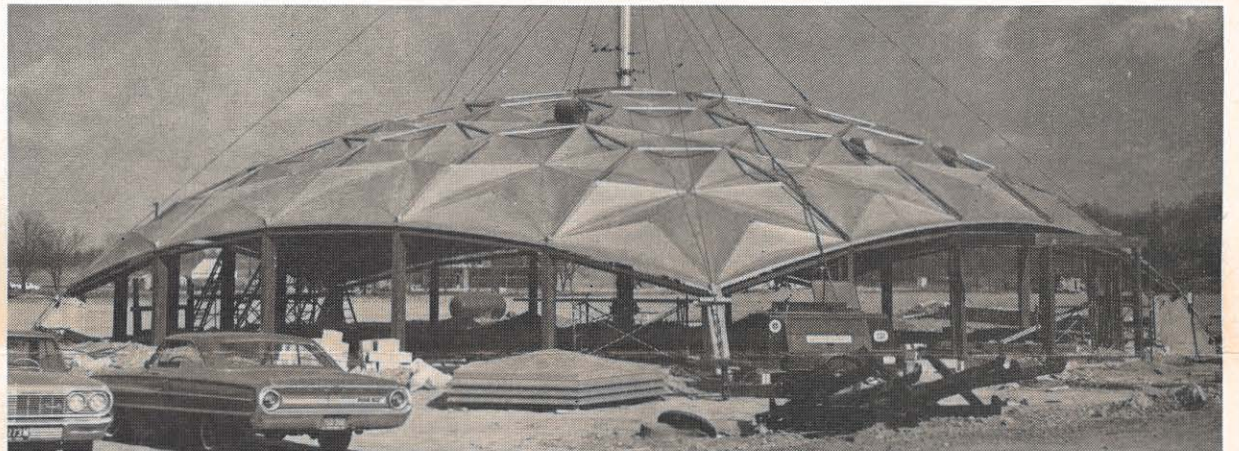
New officers of the Smith Mountain Construction Department Employees' Fund are, from left, Jack Facemire, president; Howard Huck, vice president; Georgia Anne Hunt, secretary, and Abner Jacobs, treasurer.



This sign in the Ashland office building is a real attention-getter. It warns office people of the opening in the floor for the new elevator shaft. Remodeling in the building is now nearing completion.



This is a view of the nearly-completed Lynchburg service building, showing the under-roof loading dock. The facility will be ready for use by line, station, and stores departments in the near future.



A geodesic dome, new wrinkle in building designs, goes up over the restaurant and meeting room of Pleasant Point Resort, new all-electric vacation-meeting spot near Point Pleasant. The building this dome covers

will be heated electrically and have a total connected load of 2,555-kw. The dome itself is gold anodized aluminum.



Larry Small, left, student engineer in Montgomery, played Doc in a recent performance of "Mr. Roberts" at West Virginia Tech, where he is a junior. An employee since last April, he has also appeared in other productions and is eligible for membership in a national dramatics fraternity.



The Appalachian display at the Scott County Tobacco Festival highlighted the Laundry Hoedown and electric home heating displays. Francis Ratliff, home sales representative, is in charge.



An old American custom, paying off an election bet, is enacted by two Clinch River plant employees November 4. George Munsey is at left, Freeman Roush gets the ride.



When there's activity at Bluefield Stadium, everybody knows about it, because the sky is brightly lighted above it, thanks to a new lighting system just installed. Three 80-foot light towers on each side of the stadium were set in, each tower carrying 36 1500-watt flood

lights, or a total of 324,000 watts. Each tower has a 50-kva transformer, and underground wiring, and the whole system is run from a toggle switch operating a primary oil recloser.



James "Rudy" Martin was presented the "God and Country Award" by the Rev. Clarence Wells, pastor of the Fieldale Pentecostal Holiness Church at a recent special Sunday morning worship service. Rudy holds the rank of Star Scout in Troop 73 sponsored by the Fieldale Rotary Club and is the son of Mrs. Betty Martin, Fieldale accounting department.

Experimental Program May Add 20 Years To Pole's Life

An experimental program designed to extend the life of wood poles, now in progress in the Charleston division, picks up where other programs end. The new treatment deals only with poles normally too far gone to have preventive measures applied, and the men who have developed the technique are hopeful that it will add another 20 years of life to each pole.

The new technique involves the use of a fiberglass sleeve, thick layers of polyester resin, high strength steel reinforcing rods, muslin bandages, and finally a coating of synthetic rubber.

Before any treatment begins, however, it must be decided whether it is too far gone in decay to save, and therefore should be replaced; or whether transfer of equipment and hardware from the old pole to a new one would be too costly. This is often a problem when the pole in question is in a remote area. In some of the service area, poles are located in hills or valleys where there are no roads, or at best, poor ones. In cases like this, the question of replacement or treatment can be an expensive one.

If a careful inspection, both



This pole has been examined and judged to be worth saving, in spite of deep cuts made apparent by a hatchet (top) and a roadscraper blade (left edge of pole), and the usual decay. Preservative is applied.



The affected areas are covered with fiberglass patches, and metal bands are wrapped around the pole.



The sleeve now covers the pole and another layer of resin is applied. The total thickness of bandage and resin is about a half-inch.



Bandaged and splinted, much like a broken leg, the pole now gets its final coat: a synthetic rubber compound to seal the wood from exposure to weather.

above and below ground line, indicates that the treatment is desirable, all loose and rotted wood

cleared away with a wire brush, and a preservative applied. Then comes a fiberglass patch. Steel bands are clamped around the pole, which will be used later in the process to hold the reinforcing rods. Polyester resin is applied generously, followed by more fiberglass layers, also saturated with the resin. This resin is extremely sensitive to temperature conditions, and cannot be applied at temperatures lower than 40 degrees.

Vertical Rods

Now comes the vertical steel rods, spaced evenly around the poles and fastened firmly to the steel bands at each end of the fiberglass bandage. The rods replace the strength of the rotted or damaged wood fibers, and are clamped tightly in place with additional steel bands. Then, depending on the thickness that has to be built up on the pole, more patches and resin are applied. A spiral muslin bandage, overlapping, is wrapped firmly around the entire treated area; the resin begins to generate its own heat, then sets and hardens.

The last step is painting the entire treated area with a synthetic rubber compound that seals and protects it from the weather.

In most cases the thickness of the treatment is about a half-inch, and is so hard that linemen's spurs will not penetrate it, so, when necessary, pole steps have to be added.

Although this program is still in the experimental stage, and comparative costs of replacement vs. the fiberglass treatment have not yet been analyzed, there is hope that appreciable savings in money and time will be realized from the program.

The entire pole treatment program is being done by the system transmission and distribution department, and is directed by Bill Ditman.

Employees, Boys Give Helping Hand To State Police

West Virginia police got a helping hand recently from two employees who had hiked up a mountain with a group of boys. John Burnside and Ed Hensley have been working with the nine-through-14 year old boys, called the Rural Rangers, from the St. Albans Church of God. On a hike to Coal Mountain they discovered an abandoned safe, pried open, with envelopes and papers scattered all around it.

The boys were cautioned not to touch anything while one of the men called the state police. An hour later, troopers from the Winfield detachment arrived to investigate.

The Rural Rangers learned later, the safe had been taken, the night before, from a grocery at Hurricane. It was not revealed how much money was taken, but some checks were left in the safe. The case is still unsolved, but the Rangers were able to help.

L. M. Cobbs Marks 45 Years Of Service and Leads List

L. M. Cobbs, Charleston division personnel supervisor, completed 45 years of company service late last month, and led the list of service veterans. Also recognized were Katherine V. Kerr, system accounting; R. A. Fuller, system station, and S. V. Hastings, boiler operator, Cabin Creek plant.

Mr. Cobbs

Mr. Cobbs' service began with the Coalburgh Colliery Company November 26, 1919, a company later bought by American Electric Power. He has served as statistician, and assistant to the division manager. He has been in his present job since 1951. He and his wife live in Charleston and are the parents of a daughter. He is a member of the Civitan Club, the Elks, and the Masons, and is active in the work of the Central Methodist Church.

Miss Kerr

Miss Kerr was first employed November 11, 1929 as a clerk in the Main Accounting Office in Roanoke. In the years following she held a number of accounting posts, the present one being accounts receivable and merchandise control clerk. All of her service has been in the stores accounting section of the accounting department. Miss Kerr is a member of the Sequoia Club, and has been its president and secretary. She is also a member of the First Presbyterian Church in Roanoke.

Mr. Fuller

Marking 35 years of service November 1 was R. A. Fuller, system station records supervisor. He started out with Indiana & Michigan Power Company in 1924, returned in 1926, and moved to Appalachian in 1927. His first job was switchboard workman in the original installation of the 138-kv system, and later worked substation

inspector, engineer, and system senior station engineer. A Mason, he lists golf and fishing as his hobbies. He and his wife have a son, and attend Green Ridge Presbyterian Church.

Mr. Hastings

Mr. Hastings has spent his entire career at Cabin Creek plant, with broken service extending to July 1926. Apart from a year spent in maintenance work, his company service has been in turbine room and boiler room operations, and he was made boiler operator in 1946. A native West Virginian, Mr. Hastings lives in Cabin Creek with his wife, also a Cabin Creek plant employee. He is a member of the Chelyan Lions Club, and likes to hunt and fish.



Mr. Cobbs

Miss Kerr



Mr. Fuller

Mr. Hastings

Computer Center

(Continued from page 1)

data on unit efficiencies, plant fuel costs and individual power line losses, and arrive at answers to provide the best combination of plant unit loading to produce the maximum generation-transmission economy. Loading instructions are then routed back to the appropriate units, where production is geared to the demand.

The power control center, again using its automatic monitoring abilities, also controls the economic flow of power between the system and its interconnected neighboring utilities.

Billing Work

The Data Processing Center handles the centralized processing of customer billing, as well as general accounting, management information and certain engineering data.

In the billing process, specially marked meter reading cards are automatically punched into computer language at Fort Wayne, Roanoke, and Canton, and the data are transferred to tape. This taped information is then fed to Canton by microwave at the rate of 15,000 accounts per minute. In Canton, the master computer, an IBM 7074, figures the bills at a rate of 3,600 per minute from information stored in its memory.

Tapes with the billing data are fed back to their starting points, where automatic printers print the customers' bills, complete with their addresses and ready for mailing.

Meanwhile, the master computer at Canton has simultaneously accumulated, as part of this over-all information system, a wealth of other statistics that can be used for making rate and revenue analyses, marketing studies, and governmental reports.

Many other computer applica-

tions are being developed for management information control that go beyond mechanization of conventional accounting procedures. Some of these developments follow:

Further Applications

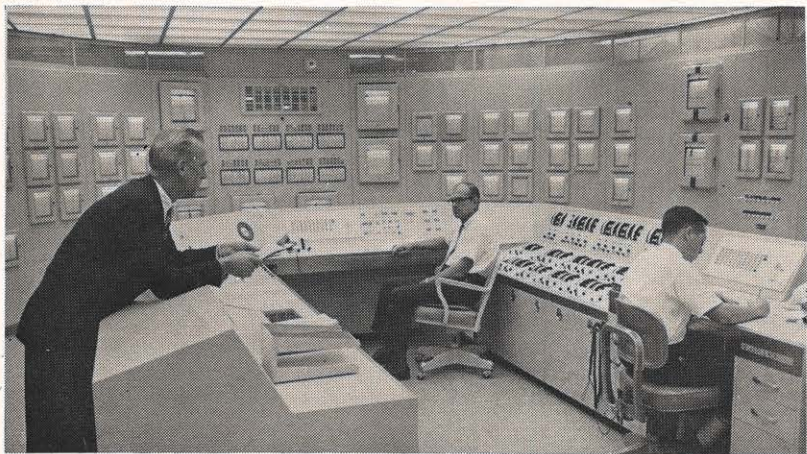
Through the Computer Center's speed and flexibility, for example, the AEP system's inventory and material ordering functions are controlled. Financial information will be made available almost instantaneously. Payroll and personnel data can be automated. And computers will assist in such functions as scheduling of maintenance outages, engineering reports, construction reports and others.

The microwave System, a 1,700-mile network, provides the communications link for the entire Computer Center operation. First started 10 years ago, the network was expanded and modernized to facilitate its use in connection with the Center, and today represents a total investment of about \$4-1/2-million.

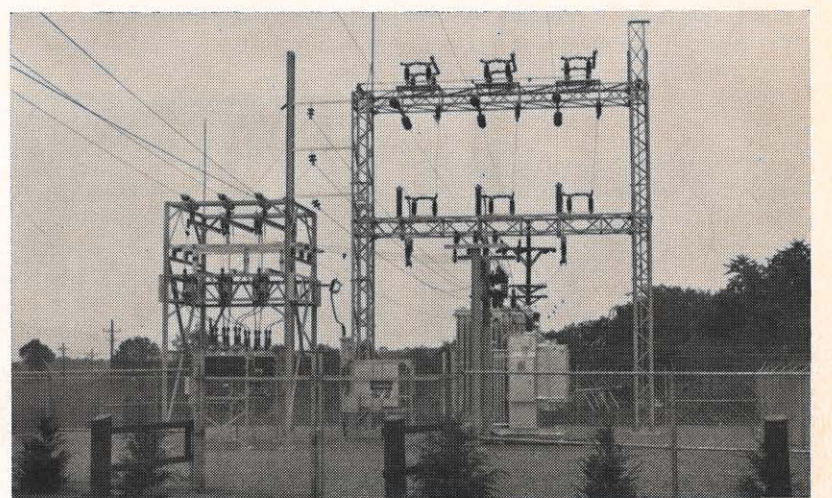
It is the first application in the utility industry of recently developed RCA microwave equipment using transistors, diodes and varactors instead of vacuum tubes.

The over-all system includes 78 terminal and repeater stations and has a capacity of 300 voice channels totaling some 60,000 circuit miles. Its data transmission rate is 15,000 characters per second.

Hub of the microwave network is a 380-foot tower at the rear of the Computer Center, topped by a 10-foot antenna to send and receive signals between Canton and the power plants and the other operating headquarters. Base of the tower forms a triangle 80 feet on a side and its three legs rest on concrete foundations 16-1/2-feet deep. Colored lights near the top of the tower serve as a weather guide for Canton residents.



Power control center of the American Electric Power System's new \$6-million Computer Center in Canton shows console operators and instrumentation that exercise continuous control over electric generation by 38 major units in 15 power plants. This operation is shielded against radioactive fallout by 18 inches of reinforced concrete and can function for over two weeks without support or supplies from outside.



New Dublin Station

Dublin's 34-kv distribution station is now in service, replacing a 12-kv station originally built in 1927. The station also serves the Claytor Lake area, and industrial development in the New River Valley Airport area, and will provide an alternate feed into the service area and relieve the Pulaski station load.

From Afghanistan

Visitors Study Appalachian Operations

From half way around the world, by way of the University of Arizona, two visitors recently spent three weeks studying various operations in Appalachian's system. Abdul Hamid Hotaki and Khalilullah Kayhan, from Afghanistan, have been in America some three years training for administrative posts in the Arghandab Hydro-electric project in their country.

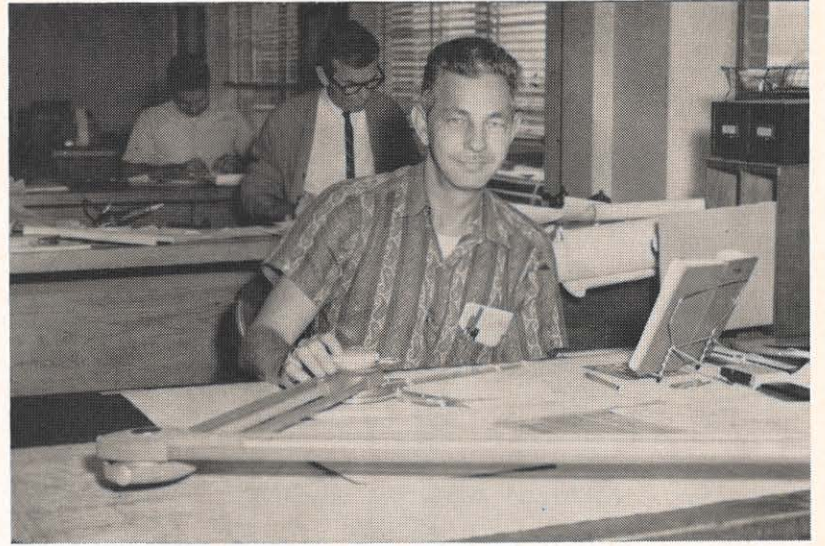
At Appalachian the two men spent their time with the system hydro, accounting, commercial, personnel, and operating departments. They also spent two weeks with the Service Corporation in New York.

The two are officials in Afghanistan's Ministry of Mines and Industries, which plans and builds electric power projects then turns them over to the Afghan Electric Company, a joint government and private-interest firm that operates all power stations over 500 kilowatts. Mr. Hotaki had attended the Faculty of Law, and Mr. Kayhan the Faculty of Economics at the University of Kabul, Afghanistan.

Their studies at the University of Arizona, and fact-gathering visits with our companies, will enable them to assist in developing Afghanistan's limited electric power

resources. Currently the whole country, about the size of Texas, has under 70,000 kilowatts of generating capacity—less than one-sixth the capacity of Appalachian's Smith Mountain project. Mr. Hotaki said within the next five years his country's generating capacity would triple.

Both visitors report Appalachian and Service Corporation employees had been hospitable and enthusiastic in helping them and in giving them with technical tools, manuals, other information "that will be most valuable in their work in Afghanistan."



Left-handed Bill Salmons, at his left-handed-drafting machine, eliminates one problem of living in a right-handed technology.

Left-Hander Says:

"Can't Join 'Em? - Beat 'Em!"

Bill Salmons, senior draftsman at Charleston, has learned many times over that almost everything is designed for right-handed people—even drafting machines. He said he has never found anything as awkward as trying to work with a right-handed drafting machine, because he had to reach over the head of the machine for scaling. For Bill this was even more difficult, because he doesn't write "upside down" as most lefties do. He writes in a straight line with the paper in the same position as that of a right-handed person.

He solved the problem by inventing his own drafting machine, which has the lower plate reversed—eliminating the necessity of reaching over the head. Bill also switched the drawers in his drafting table to the left side for easier access.

Some things come easier than others for left-handed people. He found no problems in learning to drive a car because, "most of us learn from observation." But the first three weeks he spent in the army, Bill said, "were the most miserable" in his life.

A left-handed rookie learning to march in formation usually steps off on his right foot first and

swings his left hand forward for balance. He said he had so much trouble, the sergeant made him practice with a brick in his right hand as a reminder to swing the right arm forward and start off with the left foot. Later in his training, he discovered that the army is glad to have a leftie around, because, as Bill put it, "blindfolded or lost, a right-handed person will bear to the right, tending to travel in circles, while a leftie will walk in a straighter line." He said he had seen this proved many times.

Bill explained that being left-handed calls for adapting to many different situations. "Appliances are made," he said, "so that if repairs are needed, it's easy for a right-handed man to gain access to motors behind the panels. But the southpaw must go at it backwards. It's more frustrating to manipulate certain tools."

Bill uses his left hand for writing, eating, bowling, but shoots with his right hand. He said, "If anyone wonders why parents and teachers try to discourage children from becoming southpaws—it's because this is mainly a right-handed world." According to Bill, "This makes a lot of difference."

Personals

(Continued from page 6)

There were other elections and appointments: Rufus Bondurant was named superintendent of the Sunday School at Sinking Springs Presbyterian Church, and Rufus, Paul, and W. H. Ferguson were elected directors of the local country club.



Lynchburg

Mrs. S. S. Gilbert, who is state president of the Virginia Home Demonstration Clubs, has returned from the annual convention of the National Home Demonstration Clubs, held this year in Hawaii. She was one of 30 delegates from Virginia, and 2,500 from the United States, all but one, women. The sole exception was the husband of one delegate, who was unable to leave home; the husband was, however, and he attended the convention in her stead.

New employees in Lynchburg are Mrs. Juanity Baker, Mrs. Bernice Layne, and Miss Dottie Sue Gibson. Mrs. Jeanette Almond and Mrs. Rebecca Cash have resigned.

John R. Martin has been appointed by the Campbell County board of supervisors to serve on the newly-formed Campbell County Utilities and Service Authority.



Abdul Hamid Hotaki (far left) and Khalilullah Kayhan, on an extensive training mission from their native Afghanistan, discuss personnel policies with M. O. Wilson and J. A. Lyon.

Service Anniversaries



Hansel Stratton
30 Years
Ashland

S. B. Metzger
30 Years
Huntington

Larue Neice
30 Years
Hazard

Paul Hartman
25 Years
Roanoke



Service Anniversaries

Appalachian Power Company

ABINGDON DIVISION—10 YEARS: J. C. C. HUGHES, heating and builder sales representative.

BLUEFIELD DIVISION—20 YEARS: T. B. HENLY, JR., right-of-way agent.

CABIN CREEK PLANT—35 YEARS: S. V. HASTINGS, boiler operator. 20 YEARS: E. Q. McGRAW, transformer maintenance helper; I. L. BRADLEY, electrical maintenance man.

CHARLESTON DIVISION—45 YEARS: L. M. COBBS, division personnel supervisor. 20 YEARS: A. B. LILLY, groundman. 15 YEARS: R. W. HAYES, station man; CHARLES FLINT, JR., area serviceman; BONNIE J. EVANS, cashier clerk; CARL W. SMITH, area serviceman. 10 YEARS: RALPH HOLMES, lineman. 5 YEARS: R. K. ALLEN, JR., janitor.

CLINCH RIVER PLANT—15 YEARS: H. F. ROUSH, yard foreman.

GLEN LYN PLANT—10 YEARS: C. D. THOMPSON, utility operator; J. M. WHITE, utility operator.

HUNTINGTON DIVISION—30 YEARS: S. B. METZGER, civil engineer. 20 YEARS: D. L. HOPKINS, collector.

KANAWHA RIVER PLANT—15 YEARS: E. L. THIGPEN, assistant shift operating engineer.

LOGAN-WILLIAMSON DIVISION—20 YEARS: CLYDE RUNYON, right-of-way agent.

LYNCHBURG DIVISION—15 YEARS: A. W. HALEY, meterman. 5 YEARS: K. T. TRIPLETT, lineman.

RADFORD ORDNANCE STEAM PLANT—20 YEARS: W. M. WILSON, maintenance man. 15 YEARS: E. L. GOFORTH, plant superintendent; H. B. BELCHER, shift supervisor; W. M. CARTER, shift supervisor; R. M. LONG, shift supervisor; E. E. WEBB, shift supervisor; J. R. WILLARD, shift supervisor; L. A. LINKOUS, personnel and safety supervisor; G. R. HOPKINS, coal handling foreman; O. L. CARTER, boiler operator; H. L. HIGGS, maintenance mechanic; W. T. SIMPSON, maintenance mechanic.

ROANOKE DIVISION—25 YEARS: P. A. HARTMAN, commercial sales engineer. 15 YEARS: G. W. TURNER, residential and rural sales development representative. 10 YEARS: W. M. HANCOCK, car washer; HENRY N. MURPHY, car washer; BETTY ROMERO, T&D clerk.

SMITH MOUNTAIN—10 YEARS: J. J. SANTORO, mechanical construction assistant.

PHILIP SPRON PLANT—15 YEARS: EDWIN H. CLARKE, maintenance foreman; EARL H. KEEFER, chemist; WYATT F. CHADWELL, maintenance foreman; ROBERT G. GILMORE, maintenance foreman.

SYSTEM—35 YEARS: KATHERINE V. KERR, accounts receivable and merchandise control clerk; R. A. FULLER, system station records supervisor. 15 YEARS: B. P. COLEY, system electrical engineer; R. V. EVANS, system transmission man.

Kentucky Power Company

ASHLAND DIVISION—30 YEARS: HANSEL STRATTON, line foreman. 15 YEARS: ROY KIRK, meter reader. 5 YEARS: JAMES PRUITT, clerk trainee.

BIG SANDY PLANT—15 YEARS: MATTHEW L. GASPARIK, supervisor of plant performance.

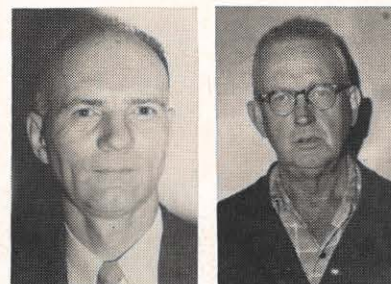
HAZARD DIVISION—30 YEARS: LARUE NEICE, line foreman.

PIKEVILLE DIVISION—15 YEARS: FRANCES C. HUFFMAN, cashier.



T. B. Henly Jr.
20 Years
Bluefield

D. L. Hopkins
20 Years
Huntington



Clyde Runyon
20 Years
Logan-Williamson

A. B. Lilly
20 Years
Charleston



W. M. Wilson
20 Years
Radford Plant

SERVICE
These pins are awarded in recognition of years of faithful service. Each of these pins also recognizes the part the employee has played in the progress of the company during these years of service.



Appalachian Power Company

Abingdon Division
W. B. BUCHANAN, JR., from lineman C to lineman B.

Bluefield Division
LUCILLE G. COOK from clerk trainee to cashier; CLARA S. HANNERS from clerk trainee to clerk typist; HELEN P. VERMILLION from PBX operator in Welch to contract clerk in Bluefield.

Charleston Division
ROBERT HARPER from draftsman to draftsman, senior; ENOCH THOMPSON from head janitor, building service, to meter reader, meter department; CAROL BOGGESS from stenographer, area development, to secretarial stenographer, division T&D; ROSALIE RANSON from clerk stenographer, division T&D, to stenographer, area development; DENZIL ALLISON from groundman to truck driver-groundman; JOHN DAVIS from car washer to auto repairman helper; FRED REESE from auto repairman helper to auto repairman B; HAROLD CARRICO from auto repairman B to auto repairman A; TOM HARDMAN from groundman, T&D line section, to head janitor, building service; SHARON O'KELLY from office messenger, miscellaneous, to cashier, division accounting; JORETTA TOWNSEND from cashier, accounting, to clerk stenographer, division T&D; LARRY SWANIGAN from groundman to lineman C.

Glen Lyn Plant
SIDNEY SARVER from equipment operator to switchboard operator; R. T. FIELDS from auxiliary equipment operator to equipment operator; O. J. WHITTAKER from utility operator to auxiliary equipment operator; C. D. THOMPSON from utility man to utility operator.

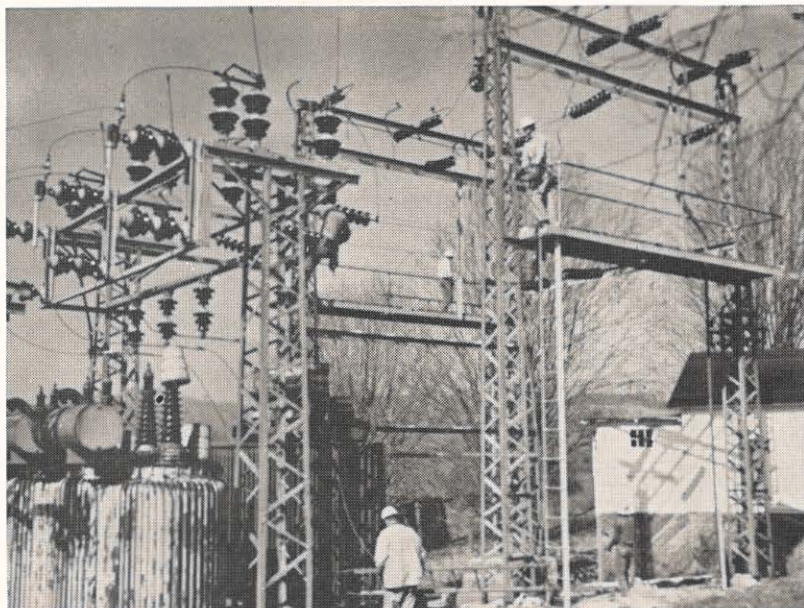
Philip Sporn Plant
GEORGE C. WHITE from laborer, labor-janitor department to coal handler, yard department.

Pulaski Division
REFERT C. JENKINS from lineman A to meter serviceman A.

Roanoke Division
J. P. MORRIS from lineman C to meter reader; MARTIN L. RATCLIFF from reproducing machine operator, system accounting, to groundman, Roanoke division; HELEN K. WEST from cashier to petty cash clerk.

Kentucky Power Company

Ashland Division
VIRGINIA KITCHEN from stenographer, T&D department, to stenographer, engineering department.



Appalachian men on the structure began the job of dismantling the original Elk Garden station. Built as a wood structure in 1917, it was converted to steel in 1928.

Wartime Line To Coalfield In Virginia Going Down

After nearly a half-century the last section of the original 88-kv line that brought electric power into western Virginia is being removed.

In mid-1916, with America's war machine slowly cranking up, the coal mines in the area needed to increase production, and to do it, they needed more electric power; and to get the power, somebody had to build lines. Up to that point, a small generating station at Clinchfield, operated by Clinchfield Coal Company, supplied most of the electricity.

To meet the war need, Appalachian undertook to build a wood pole, 88-kv line starting from the Buck and Byllesby hydro plants on New River. It came by the most direct route, marching across rugged mountainous terrain, and got to the coal field in Russell County by the middle of 1916. Later, it was extended through Dickenson and Buchanan counties to Coalwood, West Virginia.

In early 1917 a pole structure was built at Elk Garden to serve

the locally-owned electric systems at Lebanon and Honaker, both later bought by Appalachian. The transformers in this old station sat on bases that are still visible. It is the section of line between this station and Saltville station that is now being dismantled.

Around 1928 the pole station was replaced with a steel structure, and a few years later when the rural work began in the 1930's, the voltage was changed from 88/6.6-kv to 88/12-kv. Few further changes were made, and the voltage remained the same here until July 1958.

With the expansion of the system, the 88-kv system gave way to the conventional 69-kv, and the station's 88-kv transformers sat idle until retirement last year when the station was de-energized.

The old line—copper, crossarms, and insulators—is being lifted out by helicopter for salvage, and station equipment is being reclaimed for use elsewhere on the system, or else being scrapped, and the old days are gone.

Older employees in the division have memories of work on the old line and station. They remember repairing trouble in zero weather, operating switches by lightning flash, and hiking across the mountain in good weather and bad. When the switches were finally pulled, and the dismantling started, there were sad feelings, tempered by the presence just over the hill of a new 138/12-kv station fed from the 675,000-kw Clinch River plant.



Mr. Sharp

C. B. Sharp, Retired, Dies In Marion

Campbell Bascom Sharp, 54, retired employee, died September 11, in Marion, Virginia.

Mr. Sharp worked for Appalachian from February 25, 1936 until January 31, 1961 in the old Pulaski district of the Bluefield Division. He worked in the Marion line crew as lineman, assistant line foreman, leadman, and working foreman. Illness forced his early retirement.

A native of Wythe County, Virginia and a resident of Marion, Virginia since 1936, he was active in civic and church affairs and served as a Deacon of Mt. Carmel Methodist Church.

He is survived by his widow, Mildred May, and one daughter, Ann Carolyn. Burial was at the Mt. Carmel Church cemetery.



Top Job

A top job in the Charleston office remodeling is this evaporative condenser, being installed as part of the heat pump system. The unit will have a total cooling capacity of 70 tons on an air-to-water system.

By Giving

Employees Demonstrate Community Spirit

Employees of our companies have once again exhibited their usual generosity in giving to charitable causes. Recently completed drives for United Funds, Community Chests, and Employee Benevolent Associations show that giving is up from last year. Some areas had 100 percent participation, most report individual contributions were up from 1963. Logan reported the highest per capita gift, \$28.19 per employee. Kingsport Power Company had 100 percent employee participation, as did the Abingdon division and the Fieldale area.

Appalachian and 97 percent of its Roanoke employees pledged \$20,300 to the valley's United Fund. It is the largest amount pledged and the eighth straight year Roanoke has met or gone over its goal. Another \$2,200 will go to various health agencies through the Employees Benevolent Association. Kingsport's 114 employees

topped their goal with a total pledge of \$3,018, which averaged \$26.50 per employee, including the company's pledge.

Charleston employees contributed more than \$12,000, with the company donation, to the Kanawha Valley UF. Ninety-seven percent of the 357 employees gave an average of \$19.24 per person, with seven out of ten contributing through payroll deductions. In the Beckley area, 68 of Appalachian's 80 employees pledged an average of \$19.09 to the Raleigh County UF. Eighty percent of those who gave chose payroll deductions.

Lynchburg division employees pledged \$2,366 to the local UF drive. Of the 143 employees, 97 percent gave an average of \$16.54 per person, a 12 percent increase per capita over 1963.

Other reports from around the company show that the Logan

Community Chest was pledged \$2,113, the highest amount ever donated by company employees in Logan. Williamson employees gave \$1,133 to the local UF through their Benevolent Association, a per capita gift of \$21.80.

An average of \$17.47 was contributed to the UF at Huntington by 83 percent of Appalachian's 230 employees there. This was the fifth successive year that Fieldale area employees have participated 100 percent in the Martinsville-Henry County UF, and this year the pledges averaged \$21.45 per employee, with many choosing the payroll deduction plan.

Abingdon division employees and the company donated a total of \$3,050 to UF drives in Washington, Scott, Smyth, Russell, and Dickenson Counties. And the Pulaski office employees pledged \$1,335 to the local UF drive.

Lingar Studies Safety Statistics For Degree Thesis

Charles Lingar has earned a master's degree in guidance and counseling from East Tennessee State University, and in so doing, leaned heavily on the safety experience of Kingsport Power Company.

Mr. Lingar, commercial sales representative there, prepared a thesis in partial fulfillment of the requirements for the degree, and turned it into a study of factors that influenced unsafe conditions and acts in the company's operations.

Approximately 600 unsafe acts, conditions and injuries (minor and disabling) over a ten-year period provided Mr. Lingar with his study material. He collected this total into nine categories and examined each item on the basis of age, educational level, years of employment, marital status, number of dependents, and so on.

His purpose was to determine if any significant relationship existed between factual personal data and the number and types of injuries sustained.

Mr. Lingar's conclusions are: education was not a major factor in unsafe practices; employees with less service suffer the most accidents; employees with large numbers of dependents maintain safer working records, but there is little relationship between marital status and injuries.

The safest period of the work day is from 11 a. m. to 2 p. m., and the largest number of accidents occur in warm or hot weather.

Aptitude Testing Helps Determine Capabilities

New pre-employment aptitude tests are now part of Appalachian's standard hiring procedures.

The tests are designed to give the company an insight into the particular aptitudes and capabilities of an applicant, and represent another effective tool in personnel selection techniques. The right man in the right job is the idea behind the tests.

These tests are by no means the only basis for employment. Other methods of evaluating applicants will continue to be used. As the company's experience with the tests widens norms for comparison purposes will be developed.

Party Schedule Announced

By now the company Christmas Party is as much a part of the holiday season as a tree. At many points in our three companies, plans have already been made for festivities for adults and children, and they are listed below. Employees in places not mentioned should contact supervisors for party details.

ABINGDON: The party for employees and their guests is scheduled for December 18 at the Martha Washington Inn. The time is 7 p. m. Children's Christmas parties will be in Appalachian office auditoriums as follows: Lebanon, December 17, 3:30 p. m.; Gate City December 23, 2:30 p. m.; Clintwood, December 22, 2 p. m.; Abingdon, December 18, 3:30 p. m., and Marion, December 21, 3:30 p. m. At these parties, as at all children's parties, The Man In The Red Suit will preside.

ASHLAND: The adult party will be in the Elks Club in Ashland December 19. Social hour begins at 6 p. m., dinner and dancing to follow. The children's party is in two parts. The first will be at the company auditorium December 21, the second the next day at Black's Roller Rink for a skating party.

BLUEFIELD: In Bluefield itself, the party will begin at 7 p. m. December 11 at the Bluefield City Auditorium, featuring a buffet dinner and a dance.

Maintenance employees in Bluefield will have a dance December 19 at the Elks Hall, beginning at 10 p. m.

In other points in the division, the Welch adult party on December 18 begins at 6:30 with dinner, followed by a program, and then dancing.

Children's parties will be held in Grundy, at the office, December 19 at 3 p. m.; at Pineville, December 21, at 6:30 p. m. in the Pineville office (for Pineville and Mullens youngsters), and at Welch December 23 in the Community Room at 6:30 p. m.

CHARLESTON: A series of parties are planned for Charleston. The adult party is to be held in the Civic Center December 11, featuring a buffet supper, followed by dancing. Teenagers convene in the Virginia Street garage building December 12 from 2 to 4 p. m. for dancing, games, prizes, hot dogs and pizzas. The children's party begins December 19 at the State Theater at 10 in the morning, the main attraction of which, following Santa, is movies, and later, refreshments.

GLEN LYN: The Christmas party for Glen Lyn employees will be held December 19, same day as the children's party.

CLINCH RIVER: A smorgasbord followed by a dance in the main ballroom of the Martha Washington Inn in Abingdon is scheduled for plant employees December 12, beginning at 7:30 p. m.

The children's will party be in Lebanon's Russell Theater at 10 a. m. December 19, with cartoons, refreshments, and a visit from You Know Who. The Teenage Hop is set for December 29, but final details have not yet been worked out.

KANAWHA RIVER PLANT: A dinner and dance will be held in the Mountaineer Room in Belle December 11 for adults. The children's party will be at Chelyan Junior High School gym December 18.

HAZARD: The company auditorium will be the site for adults' festivities, beginning at 6:30 p. m. December 18. Plans for the evening include dinner, games, and door prizes. Employees' children will party the next day, same place, for cartoons, and a gift from the North Pole's First Citizen.

LOGAN-WILLIAMSON: In this hyphenated division, Logan adults will have dinner at the Masonic Temple and dancing at the Elks Club December 12. In Williamson the dinner will be at the Mountaineer Hotel and dancing at the company auditorium December 18. Children will gather at the company auditorium in Williamson December 12 and at the Logan Theater in Logan December 19.

LYNCHBURG: Two adult parties are being planned for December 12, featuring dinner, prizes, and entertainment. Children—maximum age 10—will have entertainment, songs, and gifts in the company auditorium December 19.

PIKEVILLE: Dinner for Pikeville employees begins at 6:30 in the Main Office in Pikeville December 11. Following, also in the main building, there will be a brief program, singing of carols, games, and dancing until 11:30. Celebration after that hour at the option of the celebrants. Children will be entertained with movies and gifts in the main office, beginning at 1 p. m. December 12.

RADFORD: The adults' party will be in the Pulaski County Life Saving Crew Hall December 11, beginning at 7 p. m.

ROANOKE: Hotel Roanoke, 7 p. m., December 11 are the place, time, and date of the Christmas party for division and system employees in Roanoke. The evening will consist of dinner and dancing. The children's party comes in two sections, one at 2 p. m., the other at 3:45 p. m. December 23 in the auditorium. A group of employees will present the program.

At Fieldale, the adults' dinner-dance will be in the Moose Lodge December 18, 7 p. m., but plans for the children's party are incomplete at the present time.

SMITH MOUNTAIN: The dam builders meet at the National Guard Armory December 5 for a dinner at 7 p. m. and dancing beginning at 9.



The Robin Hood of Charleston: James Webb on his first hunt and using his first arrow, got his deer.



In the center, James Bowman of Kingsport and his deer, and at right, Garland Thompson of Ash-



land, and his deer. That's Garland's son Charles in the back.

A-Hunting We Will Go . . .

Employees, armed with gun and bow, went off to the woods during hunting season and bagged a variety of game.

There was, for example, James Webb of Charleston, whose feat was described by the local newspaper as "incredible." In late September he bought a bow and some arrows and began shooting at

cardboard boxes in his back yard. Came opening day and off he went at 7 in the morning. At 8 he spotted a buck, the first one he had ever seen outside of a zoo, drew an arrow, let fly, and spang—bullseye. His bag was a seven pointer and weighed 110 pounds.

When he left camp an hour before the words of his brothers

still rang in his ears. It was his first hunt, and the others were calling him Robin Hood. It was a different story when he returned.

Other hunters included James Bowman, of Kingsport, who nailed an eight-point buck, and Garland Thompson, of Ashland, who got a 200-pound buck in Bath County, Kentucky.

Swimming Coach Trains Granddaughters For Olympics

Raymond J. Fisher of Clifffield, who has long been interested in aquatic sports, may have a trio of future Olympic swimming stars in his own family.

Among his stars, Mr. Fisher Fisher points with considerable pride to his three granddaughters, Karen, Teresa Anne, and Debbie Fisher, who have won a total of 58 medals and ribbons at various swimming meets—just about every prize available for ten-year-olds and under. All are members of the Tazewell Swim Club, located near their grandparents' home.

Over the years he has taken an active part in the development of competitive water sports in the Clifffield and Bluefield areas, and has given considerable time to the

training of youngsters, the development of teams, and the establishment of aquatic organizations. He is a member of the board of directors of Bluefield's YMCA Aquatic Club, which belongs to the West Virginia Association of the AAU.

Karen, 10, who has been swimming three years, has won two gold medals and two bronze medals, 17 blue ribbons, 12 red, one white and three yellow ribbons. She has taken part in three area meets, two AAU meets, and one junior Olympics competition. Teresa Anne, eight, after two years of swimming has won nine medals; five gold, two silver, and two bronze—plus 11 blue ribbons, ten red, three white, one green, and one pink ribbon. Teresa was high pointer at the Bluefield Y Aquatic Club's South-

eastern AAU meet. Seven-year-old Debbie has been swimming only a year, but has already won three second place ribbons and a third place ribbon.

The girls have done well at AAU swimming competitions, which are especially difficult. At the AAU meet in Kingsport, Tennessee, they competed against some 300 swimmers from 26 teams, and at West Virginia's AAU meet in Princeton there were more than 400 swimmers. Mr. Fisher said current plans call for the girls to compete, as members of the Tazewell Swim Club, at West Virginia's State meet in February. He is system transmission foreman.



The Fisher girls, star pupils of their grandfather, smile happily under a display of the ribbons they have accumulated in various swim meets. From left, Teresa, Karen and Debra Kay.

Not A Winner, But Still Trying

Collett M. Smith Jr., a 16-year-old high school boy, has some idea of what it feels like to be always a bridesmaid and never a bride.

He is a member of the Kanawha Valley Table Tennis Association, and has competed for four years in league and tournament competition—in the city, county, state, and in places like Cleveland, Akron, and Dayton.

The results: nine trophies, but not a single victory.

"I'm getting a little tired of finishing second," he reports, but doesn't plan to give up yet. After all, he is only 16.

Even at this more or less tender age, however, he has done well. He now plays in the men's tournaments and a year ago was runner-up in the city singles. Just last month he and his partner were runners-up in the city doubles.

When the table tennis world is conquered, Collett can turn to some of his other interests: golf, archery, swimming, bowling, and stamp and coin collecting. His ambition, oddly, is not athletic: he wants to be a veterinarian. He is the son Collett Smith, T&D clerk in Nitro.



Football players, as these pictures show, come in all sizes. On the left is Skip Walters, 16-year-old junior at South Charleston High School. He is the son of Charleston's Jack Walters. At 135 pounds, he is perhaps the smallest halfback in Kanawha County scholastic ball this year,



but it's no drawback. He plays both ways, scored three touchdowns, one on an 82-yard dash; Skip is also a track man, an A-student, and a member of the Student Council. At the other end of the scale is Roger Garrett, left in the middle picture, who slimmed down to 250 pounds

to play both ways in Lebanon High School's line. He's the son of Clinch River's Woodrow Garrett and brother of Harold Garrett. With him is another Lebanon stalwart, Bill Napier, whose dad is another Clincher, Alvie Napier. Finally, at right is Larry Lively, whose 150

Stores Holds Lead In Roanoke League

The Stores team in the Roanoke Bowling League continues to lead in the first half with a 20-10 record. System T&D and distribution are tied for second place with 17-13 records.

On November 2 the Smith Mountain team came to town and almost completely rewrote the season's league record book. Kenny Hern's 256 was the high individual game for the season and his 236, 178, 256 totals 670 for the highest individual set ever recorded in Appalachian's Roanoke Bowling League competition. Teammates Jim Reynolds, Bob Morris, Jim Bauknecht and Captain Gene Spitzer ably assisted Kenney in setting a new team high game of 967 and a new team high set of 2698.

Bill Sheaff, Meter team, has the league's high average of 188.



Mr. Mills

Roanoker Scores 192-Yard Ace

Clarence R. Mills, Roanoke accounting, rapped a long hole in one on the 192 yard, 15th hole at the Blue Hills golf course one Saturday last month. He was playing in a foursome with three other Appalachian employees—R. B. Waggoner, of Logan; Lee Roy Hall, and J. T. Goggin.

The 15th at Blue Hills is uphill all the way, and Clarence said that he had no idea he scored his ace even though it was on line with the pin. Not seeing the ball on the green, he was sure that it had gone over into a sand trap and had gotten out a nine iron to make his second shot. When he could not find it, he thought it might be in the cup. "Sure enough," he says, "there it was smiling up at me." It was his first hole in one, and his greatest golf thrill.

After the hole in one, Clarence said he thought he was going to reach two goals the same day—the other to break 80. Parring the last three holes, he would have had a final score of 78. Mr. Mills said that the hole in one shook him up so much that he went four over on the last three holes and ended with a score of 82.

Glen Lyn Man Coaches Winning Midget Team

A good coach is C. B. King Jr. He led his Rich Creek Tigers to a first place finish in the western section of the Giles County Midget Football League with a record of five victories and one loss.

The son of R. H. Walton Jr., Glen Lyn plant engineer, is a member of the group. Coach King is work order clerk at the plant.



Angle

Prater

Three Sons Picked On "All" Team

Sons of three employees were picked on the All-District six teams following the 1964 football season. On the list were David



Lethcoe

Angle, guard of Abingdon High; Mike Lethcoe, end of Holston High and Leon Prater, end of Abingdon High.

David Angle is the son of L. C. Angle, Jr., and is a senior at Abingdon High School.

Mike Lethcoe is the son of Paul Lethcoe, a senior at Holston High School, and lives in Damascus, Virginia.

Leon Prater, the son of James E. Prater, has won letters in football, baseball, basketball, and track. He is in his junior year at Abingdon High School.



Holiday Bird

Hunting near his cabin in Pocahontas County, West Virginia, Everett Carrico, Williamson-Sprigg line foreman, again bagged his turkey. The 12 lb. 6 oz. turkey was called in and shot by E. C. at 8:10 A.M., October 29. "Those meat market birds are for city folks," says Everette.

Mrs. Murray Blasts Neat 620 Series

Pauline Murray, bowling in the Womens Classic League in Charleston, blasted out games of 191-232-197 on election night, for a neat 620 series.

Pauline started off her first game with two splits, neither of which were converted, but came back strong for the highest series of her life. She had previously rolled 605 series three times. Her highest game was 254, about three years ago. She now bowls in two leagues, and is averaging 167.

Pauline's name is nothing new in bowling circles in Kanawha Valley or around Appalachia. A former power billing clerk, she used to win everything in sight for the women in the Kilowatt League, until she left the company in 1958, shortly after her marriage to E. A. Murray, Jr., division power sales engineer. Her son, Fred Reed, works summers in the meter department, and attends West Virginia Tech.



pounds make him heavier than Skip but substantially lighter than Roger. He was guard on the Cedar Grove Junior High team that won its conference championship with a perfect league record. He is the son of Ray Lively, Cabin Creek.

AEP Joins New 345-KV Power Pooling Network

Organization of the largest power pooling network in the United States has been announced by a group of electric companies operating in an area embracing much of the midwestern part of the country and extending east as far as Virginia.

The group has set up a formal regional organization called the Mid-America Interpool Network (MAIN).

The electric systems involved include American Electric Power System, Commonwealth Edison Company, the Illinois-Missouri Pool, the Indiana Power Pool and the Wisconsin Planning Group. The members of MAIN, which for more than a year have cooperated on an informal basis, will plan and coordinate the power supplies for their service areas under the new arrangement. These systems use 345,000-volt transmission lines and other high voltage facilities for extensive interchange of electricity.

7,000,000 Customers

The program involves operations in parts of Illinois, Indiana, Kentucky, Ohio, Michigan, Missouri, Tennessee, Virginia, West Virginia, and Wisconsin. More than 7,000,000 customers are served in this region. Utilities interconnected with MAIN members include public as well as investor-owned systems.

The MAIN members and their pool affiliates now have a total electric generating capacity of approximately 27,000,000-kilowatts. By 1968 this capacity total will exceed 34,000,000-kw. By 1980, it is estimated it will reach the 70,000,000-kw mark.

MAIN members and their pool affiliates operate more than 100 power plants. All are interconnected by transmission lines. Bulk power will move between groups over a network of extra-high-voltage lines

at the 345,000-volt level. The 1,900 miles of EHV line now operated by the MAIN members will be about doubled by 1970.

Members of the group estimate the construction programs for generating and transmission facilities in the network's area between now and 1980 will total more than seven billion dollars.

MAIN was organized at a recent meeting in Chicago attended by principals of each of the member power systems. First chairman and present spokesman for MAIN is Thomas G. Ayers, president of Commonwealth Edison.

Prospective Members

Mr. Ayers stated that additional members representing pools having 345,000-volt transmission lines operating in areas contiguous to those of the initial group are in prospect.

He said it is expected that MAPP (Mid-continent Area Power Planners), a large regional pooling group operating in the states immediately west of the MAIN area and in the Province of Manitoba, Canada, will be represented in MAIN. Inclusion of a MAPP's representative in MAIN could provide inter-regional coordination and assure continuity of planning for the large EHV grid which will cover both areas.

Another group of companies serving portions of Missouri and Kansas, constituting the Mogan Power Pool, is planning a 345-kv interconnection with the Illinois-Missouri pool and expansion in its planning group, which would include representation in MAIN. This arrangement would further extend the area of economic planning.

"The informal cooperation between members of MAIN over the last year or two has brought such gratifying results that the decision was made to set up this new organization," said Mr. Ayers.

"One of the principal benefits to be derived from MAIN," Mr. Ayers said, "will be the reductions in investment costs through coordinated planning of generating and transmission facilities.

"This principle has been demonstrated by three MAIN members—American Electric Power, Commonwealth Edison and Wisconsin Electric Power Company—who have been able through interchange of power to delay, for significant periods during the last few years, generating station construction expenditures of approximately \$100,000,000 through coordinated planning.

"In the light of these benefits gained through an informal association, the member companies foresee even greater savings in the future from formalizing our joint planning operations. These savings in turn will mean lower prices for customers."

Pulaski Honors Service Veterans

Nine employees who marked long service anniversaries in the Pulaski division this year were honored at a dinner last month. Attending were 78 employees and retired employees whose service records show at least 20 years with the company.

Service emblems presented during the evening included four 25-year pins, one 30-year, three 35-year, and one 40-year, for a total of 275 years of service.

A. F. Horne, division manager, was host to the group, and made the presentations, assisted by D. P. Minichan, one-time Pulaski division manager now in the executive office in Roanoke.



Theodore Roosevelt was president of the United States when this picture was made in 1903. It shows men and mules at work on the site of Kenova plant, being built by Ohio Valley Electric Railway Company.

Old Plant, Kenova Landmark, About To Pass From Scene

In 1904 the Ohio Valley Electric Railway Company built a steam generating plant at Kenova to supply power for its fancy new electric street cars, and to keep electric street lights aglow through the long nights. Three 600-kw generators did the job, and for a few years, they were enough.

And then, 50 years and some additions later, the plant wasn't enough, and its owner, Appalachian Power Company shut it down. Now a few years retired, the plant is about to be dismantled, and re-

main only in the memories of those who grew up around it and worked in it.

In 1916, Ohio Valley Electric Railway Company sold the plant to the Consolidated Light Heat and Power Company, and in 1926 it passed into Appalachian ownership. From then until 1954 Appalachian made a series of improvements and enlargements so that, when retirement came, it had a capacity of 40,000-kw from two units. These units could still spin out kilowatts, but they were competing with newer, bigger units featuring the latest technical and scientific developments. Retirement of the gallant old lady was inevitable.

During her peak years in the late 1930's and early 1940's the plant employed 95 men. When retirement came, some of the men stayed on as maintenance crews, some were transferred to other plants, some retired, and 23 are still working for Appalachian in the Huntington area.

Plans for the plant area now center around improving and strengthening the station there. A new structure will be built to house a synchronous condenser now located in the plant's generator room; part of the steel in the station will be removed, and certain controls will be taken to the outside yard, which will be developed into a completely automatic outdoor substation.

Lebanon "Y Week" Was Company Affair

When the mayor of Lebanon officially proclaimed "Y Week" in the town, the ceremonies had a distinctly Clinch River plant flavor.

The mayor, John J. McAvoy, is a plant employee. Dianna Jones, vice president of the Tri-Hi-Y is the daughter of Ruth Jones, a plant employee, and Butch Hale, president of Hi-Y, is the son of the late Herman Hale, who was also a plant man.

Bowen Promoted At Cabin Creek

H. A. Bowen has been promoted to plant office and stores supervisor at Cabin Creek plant, succeeding A. R. Hoffman, who retired in September.

Mr. Bowen transferred to Cabin Creek in December, 1943 as an assistant storekeeper after serving 15 years with Kentucky and West Virginia Power Company. In 1948 he was named district stores supervisor at the plant, and in 1950 the job title was changed to plant stores supervisor, the position he held until his recent promotion.

Mr. Bowen, who has two daughters, lives at Cabin Creek.



Mr. Bowen

Colonial "King's Church" Now Total Electric

A 200-year-old Anglican Church has been identified in Franklin County, not only standing in excellent condition, but still in use by a Primitive Baptist congregation. Old Chapple Church, erected in the Snow Creek section of Franklin County about 1769, has recently been remodeled inside and out, including the installation of electric heat and lights.

The recent discovery of the old church places the county in the relatively small group of Virginia counties which can point to a colonial edifice of the Church of England within their borders. St. John's, the oldest church in Richmond, is only 28 years older.

Keister Greer, Franklin County attorney and historian, was responsible for much of the information in this story. His research led to location of the church.

In 1752, history reveals, there had been settlers in Franklin County for roughly a decade, but no churches are known to have been built. In 1769 the Anglican vestry entered an order that a church be built near where the Chapple stands on Snow Creek. Its physical characteristics were prescribed as: a 24-by-32-foot framed house with clapboard roof, a plank floor, two doors, five windows, 12 feet in the pitch, and containing a pulpit, desk, small table, and benches.

Beneath its newly remodeled exterior and interior, the building is visibly old. Constructed of hewn timbers, it is held together by wooden pins, although these are now concealed under the remodeling.

The dimensions are 24-by-32 feet, precisely those called for by the Vestry. There are two doors,

and the church is about 12 feet in the pitch.

There is, in addition, a confirming pattern of evidence. First is the name itself, the "old Chapple Church." The Primitive Baptist congregation now occupying the building has owned it since 1824, but nowhere in its records or in the memory of its oldest member is there an explanation of the name. Rather clearly it is given that it was first known as the "church near the old chappel," and then the "old Chapple Church." Statements of traditional knowledge have come from persons, over 80, living in the neighborhood near the church, who are members of the Primitive Baptist congregation, which has carefully preserved the structure.

Some said the building was old in the time of their grandfathers. One said he had heard members of an older generation say it was once known as the "king's house", that it "belonged to the king", and that before the revolution "a tenth of everything a man made had to go there."

Family Affair



Close cooperation is pictured as Ira Peters prepares to donate another pint of blood at the Roanoke Regional Center. Checking his blood pressure is his wife, Doris, a registered nurse who does voluntary work at the center each month. Mr. Peters, who has donated nearly three gallons of blood, serves on the board of directors for the Roanoke Valley Chapter. Looking on is W. D. Ditman, system, ready to make another donation.

Churches Like All-Electric

Proving that a church doesn't have to be colonial to be all-electric, Tom Humphries, commercial sales representative in the Charleston division, has sold the concept to seven churches in the Rainelle area. Total load for the seven is 249-kw, which includes electric heaters, lighting, water heaters, and ranges in four of the seven.

One church sale led to a residential sale: a member of the Calvary Baptist Church at Meadow Bridge was so impressed with the idea that he converted his home heating system to electricity.

Churches find that electric heating solves many janitorial problems.



Newly remodeled, this church doesn't show its age. It was originally built in 1769 and called "King's Church." Now used by a Baptist congregation, the church recently installed electric heat just before electric lighting went in.