

Resolved, never to do anything which I should be afraid to do if it were the last hour of my life.

—JONATHAN EDWARDS

Marked Copy

The Illuminator

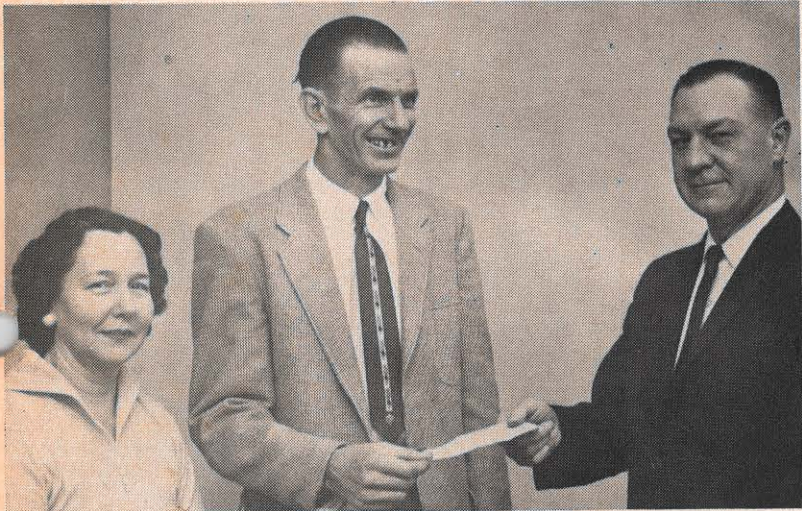
We are determined that wheresoever, whensoever, or howsoever we shall be called to make our exit, we will die free men.

—JOSIAH QUINCY

KENTUCKY POWER COMPANY ||| || APPALACHIAN POWER COMPANY KINGSPOUR UTILITIES, INC.
OF THE AMERICAN ELECTRIC POWER SYSTEM

Vol. XIV, No. 4

January 1963



A trip to California was Sherman Young's prize as first place finisher in the AEP System Heating Dealer Contest. Here, Mr. and Mrs. Young receive the congratulations of C. K. Kirkland, Bluefield district manager, right.

California Trip Is Awarded To Princeton Heating Dealer

A trip to California for him and his wife was won by Sherman Young of Princeton, W. Va. as the first place award in the AEP System's recently completed Heating Dealer Contest.

Mr. Young, a Reddy Kilowatt dealer in Princeton of the Bluefield district, was awarded a seven-day, all-expense-paid trip to the west coast state. The contest closed September 30 and Mr. Young was notified of the first place finish by Bluefield District Manager C. K. Kirkland recently.

A retired warrant officer in the Army, Mr. Young has been in the electric heating business for four years and during that time has completed 64 jobs, including 26 new and 38 conversions. Each year his gross business has doubled and he has hopes that his 1962 business may have tripled.

He works the Mercer County area and has four men to install jobs, operating two trucks. Mr. Young does his selling from a car and his company, Young Electric Service, is equipped to do all the work required for a complete job of heating a home.

His reputation, according to Appalachian personnel, is that of being a conscientious man with honesty as a first concern. He uses high-grade equipment and has made it a policy

to never lower the quality of a job to obtain a sale.

Mr. Young says: "To sell any product to the public, I believe you should first enjoy its benefits. By having and enjoying my own electrically heated home, I feel much more qualified to explain its advantages to my customers."

That home contains 2,892 square feet and has baseboard and ceiling cable heat, which Mr. Young installed. It is also equipped for future installation of a heat pump. He uses the home as an office and as a show room for giving actual demonstrations of electric heat to prospective buyers.

His sales have earned him quite a few Electrobucks in Appalachian's promotional program, enough to furnish his living room and part of the den.

The Youngs have two children, a daughter in the ninth grade at Athens High School and a son on a basketball scholarship to Southwest Texas Junior College in Houston.

Big Sandy Plant Is In Commercial Operation

Kentucky Power Company's 265,000 kilowatt Big Sandy Plant was placed in commercial operation January 1.

The \$39-million station, largest in eastern Kentucky, is located on the Big Sandy River about five miles north of Louisa, Kentucky. It is the ninth in a series of major

steam-electric plants put into service by the AEP system at a rate of better than one every two years since the close of World War II—an expansion program that represents an investment of nearly \$1.7-billion.

The plant is expected to burn 750,000 tons of coal a year.

To cool the huge amounts of

water used to condense the superheated steam passing through its turbines, Big Sandy employs a giant, natural draft cooling tower seeing its first use in the western hemisphere. This 320-foot-high hyperbolic-shaped tower cools 120,000 gallons of water a minute by as much as 20 degrees F.



Helping mark the commercial operation of Kentucky Power's Big Sandy plant is this model, primarily constructed by John Cieraszynski, junior architectural student at Pikeville College. He is standing second from right among these viewers of the model in the

Pikeville office. The display was also used on Pikeville district's float in the Christmas parade, and will be shown in many other offices of Kentucky Power. For a story on the scale model, see page 10 of this issue.

Joe P. Gills Is Elected Appalachian Vice President And General Manager

Joe P. Gills has been elected vice president and general manager of Appalachian Power Company. The action was taken at a special meeting of the company's board of directors in December. He succeeds the late Richard E. Hodges.

A native of Marion, Virginia, Mr. Gills has been assistant general manager of Appalachian since May 1962 and is a member of the board of directors of American Electric Power Service Corporation.

28-Year Vet

His career with Appalachian began in 1934 following his graduation from Virginia Polytechnic Institute at Blacksburg, Va., with a bachelor of science degree in electrical engineering. He was first employed in Pulaski as a storeroom helper and rose through the ranks there to the position of assistant district manager in May 1941.

In 1948 he was appointed manager of the Abingdon district of Appalachian and in January 1953 was named district manager at Logan. A year later he was promoted to the position of division manager at Charleston.

Israel Survey

During 1961 Mr. Gills spent four months in Israel making a survey for the government-owned Israel Electric Corporation of its organization and operations.

In World War II he served in the U. S. Army Engineers for four years and was released with the rank of major. Mr. Gills has been active in



Mr. Gills

community affairs in all of the areas in which he has served the company.

He and Mrs. Gills have a son, who is a senior at Kentucky Military Institute, and a daughter, who is a freshman in high school in Roanoke.

Appalachian, AEP Establish All-Time Peaks

Cold weather, the approaching Christmas season and the trend to the use of more electricity enabled both Appalachian and the AEP System to set new peaks during December.

Appalachian's peak of 1,990,000 kilowatt-hours was set in the hour ending at 6 p. m. December 12. The new all-time high for the AEP System, 5,588,000 kilowatt-hours, was set during the hour ending 6 p. m. on December 13.

It was the third peak set in December by AEP. On December from 10 to 11 a. m. a mark of 5,570,000 kwh was set, and on December 10 a peak of 5,528,000 kwh was hit.

John Frazier Places Third In AEP 'Ideas' Competition

Third prize in the annual American Electric Power System Operating Ideas Awards Contest has been awarded to John C. Frazier, Charleston division safety supervisor.

Mr. Frazier won \$100 for his article, "Will you always Count To Ten?", published in the September issue.

First prize, \$300, went to L. M. Goodwin, supervisor of substations of the Marion-Muncie division of

Indiana & Michigan Electric Company. His article, "Saving Time on Circuit Breaker Inspections," was published in June.

H. P. Brown and R. E. Raney, of Ohio Power Company's Muskingum River plant, shared second prize, \$200, for their ideas on a "Better Way To Hold Coal Chute Seals," which appeared in March.

The fourth- and fifth-place awards of \$100 each went to Ohio Power men too. L. H. White, general inspector in the Canton general office, took fourth with "Insulated Platform Aids Barehand Work," published in November. J. F. Strigle, manager of right of way and real estate, Canton, was fifth with "Acquiring Sites For Small Substations." It appeared in June.

In a separate contest for the AEP Service Corporation, R. E. Kunzman, senior distribution engineer, won the \$250 first prize for his "Guide To Loading Distribution Transformers," printed in October. James E. Beehler, staff engineer, Switchgear, was awarded second, \$100, for Breaker Experiences Teach Safety Lessons," published in April.

Mr. Frazier's article describes a safety program, divided into three parts and lasting 75 minutes, developed to emphasize the importance of fingers. The program, illustrated with 110 color slides, points out that other limbs may be replaced with workable artificial ones, but fingers cannot be replaced in their versatility. In his article, Mr. Frazier also lists eight benefits of the program itself.

O. C. Hall Elected President Of COC

O. C. Hall has been elected president of the Point Pleasant Chamber of Commerce.



Mr. Hall

He is Point Pleasant district superintendent and was a member of the Chamber's board this past year. He was also on the Kiwanis Club board and is a past president of that organization.

A University of Kentucky graduate, he joined the company in 1950 as a power sales engineer in Beckley, went to Charleston in 1956 and to Point Pleasant in 1958.

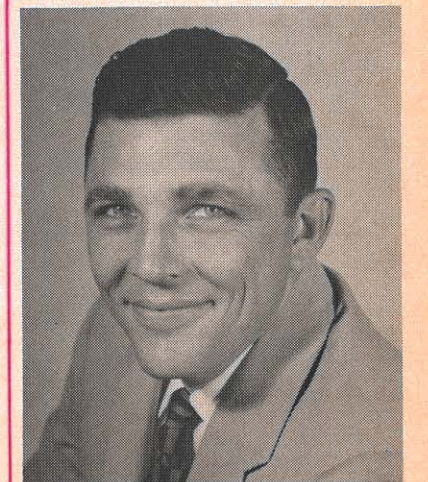
Mr. Hall is married and has two daughters.

Lynchburg Sets Electricity Use Mark Of 5,000 Kwh

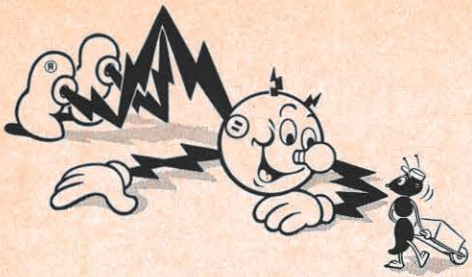
Lynchburg became the third district in the Roanoke division, and third in Appalachian, to reach the 5,000 kilowatt-hour mark in residential usage.

By the end of November residential customers in the district were using an average of 5,029 kwh each annually. Roanoke and Fieldale districts exceeded the mark earlier.

The division as a whole is the only one in Appalachian past the 5,000 kwh mark. The figure had reached 5,245 kwh at the end of November.



Mr. Frazier



Grains of Sand

Ever watch an ant at work? The industrious, energetic little fellow never seems to stop. It's as though he realizes that the tiny grain of sand he carries is a vital part of the ant hill.

It seems the ant never tires of building for his future; never loses sight of his obligations to society; never feels that his bit is unnecessary.

That's why his nation is constantly rebuilding, constantly expanding, constantly improving. It's an energetic nation of individual effort combined for the good of all its citizens.

Is there a lesson here for us? Is there a grain of sand for each of us?

A large and potentially dangerous nation has openly challenged our system of free enterprise. This nation's leaders claim their economic "ism" can overtake and surpass our system. From all indications, their people are working hard in a united effort to prove their point.

Are we working just as hard to prove ours?

Each of the stout, brave men who built our country carried a grain of sand. They carried their grains from England, Europe and every continent. They carried them to use in building a new, free nation.

They carried their grains of sand in knapsacks, in crude "prairie schooners", in barges to every part of the nation. They poured their grains of sand into factories, mines, refineries, and machinery. They developed land for crops, grazing and every necessity for a strong nation.

When they passed away, they left this heritage. They left something else, too. They left their grains of sand. They left them for us to carry in support of free enterprise and democracy.

If we value our nation and prosperity, we had better pick up our grains of sand. We each have one somewhere, but it's up to each of us to find his own.

Thought On Freedom

If a nation values anything more than freedom, it will lose its freedom; and the irony of it is that if it is comfort or money that it values more, it will lose that, too.

—Somerset Maugham

The Illuminator

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Downtown Bluefield Solving Major Problem

For many years Bluefield has been the shopping center of southern West Virginia. And for almost as long, Bluefield has been plagued with the same problem that has bothered practically every city—the problem of increasing traffic.

Action has now begun in Bluefield toward solving this situation, the impetus coming from an Urban Renewal Program that has just received approval.

The main scene of the problem solving will come in that area where Bluefield and Princeton Avenues form the main east-west thoroughfare through the heart of the city. These streets have two lanes of traffic, further complicated by parking on one side in some cases, on both sides in others. City fathers felt the only real solution was the razing of many buildings, and an Urban Renewal Program seemed the logical method.

Announcement came recently from the Urban Renewal Administration that it had approved a \$1,337,498 federal grant to the city. At the same time, the local Urban Renewal Authority was authorized to issue up to \$2,409,808 in government-guaranteed bonds to finance the project. The formal loan and grant papers will be signed soon and land acquisition will begin.

The project affects about 45 acres—13 for clearance, 12 for rehabilitation, and the remainder for a four-lane street with parking lanes on both sides. This latter portion will also include a 1¼-acre site for a small industry. The redevelopment will be primarily commercial with emphasis on wholesale and related businesses. A total of 106 families will be relocated.

The entire project should be completed in 1965.



Enclosed in the white lines is the area of downtown Bluefield that will undergo a major change in the city's Urban Renewal Program, recently approved. The program will solve one of the city's problems—increasing traffic.

Social Security Tax Increased January 1

The amount of money to be withheld from employees' paychecks in 1963 for the Social Security tax went up a half percent on January 1.

Effective that date, 3-5/8 percent of the first \$4,800 of a person's annual pay will be withheld. During 1962, 3-1/8 was withheld. The company, which matches each employee's payment, will also pay the increase.

The increase is part of an amendment to the Social Security law which went into effect August 1, 1961. That amendment liberalized and expanded benefits from Social Security, and it also set forth a schedule of tax increases to pay for the liberalizations.

These increases included 1/8 percent in 1962, 4/8 percent in 1963, 4/8 percent in 1966 and 4/8 percent in 1968.

During 1963, an employee who makes as much as \$4,800 will have \$174 withheld in Social Security taxes, up \$24 over 1962.

Our Job

to help you live better electrically

Our job is generating electricity and getting it to where it's used. We're in this business because it is concerned with the supply of a fundamental requirement of modern living, because it's an honorable one, because we like it, and because we want to earn a living at it.

We aim to give one kind of service . . . the best that's possible. That means supplying our customers with what they want when they want it. It means being courteous at all times and maintaining attractive easy-to-do-business-with offices. It means doing everything we can to keep complaints from arising, and it means prompt and fair handling of those that do.

We are a citizen of each community we serve and take an active part in its affairs. Like any other citizen, we want our neighbors to think well of us. Besides, it makes good business sense. We can only prosper as the community prospers so we help it thrive in every way we can.

Such is our job as we see it. We are trying to do it well and to do it better all the time.

(This message constitutes the copy in an advertisement run in area newspapers by our companies each year. The message is as traditional with us as it is meaningful.)

news events in brief

CHARLESTON—West Virginia was heading for the best year in its economic history, depending on whether business trends in the last two months of the year kept pace with that of October. According to the State Chamber of Commerce, of the 22 economic indicators measured during the first 10 months of 1962, 17 showed a substantial gain over 1961.

HAZARD—"Cloud City", a proposed city with a population of 3,000 to be built on top of Pine Mountain at an elevation of 2,700 feet, has been advanced by citizens of Whitesburg. Their model: Gatlinburg, Tenn. Town folks have incorporated with authorization to sell one million shares of stock at a par value of \$10 each. A total of \$75-million will be invested, and 16,000 acres of land are already under option.

KINGSFORT—A new organization, aimed at making eastern Tennessee and southwestern Virginia more attractive to industry, is seeking a charter from the State of Tennessee. It will be known as Holston River Watershed Area, Inc.

BLUEFIELD—West Virginia is the only state in the union to show a drop in population since the 1960 census, according to the United States Census Bureau. Population has declined from 1,869,421 to 1,773,000.

FIELDALE—A \$750,000 plant will be built near Axton by Standard Garments, Inc. to replace two small plants in Martinsville. Floor area will amount to 125,000 square feet.

ASHLAND—Governor Bert Combs has pledged to call the Kentucky General Assembly into special session in late January or early February for the primary purpose of reapportioning the state's legislative districts. The pledge came at a pre-trial conference attended by City of Louisville

officials and others attempting to force the reapportionment through federal courts.

CHARLESTON—A better quality synthetic rubber has been developed by Goodrich Gulf Chemicals and a plant has been set up at Institute to produce it on a commercial basis. The new rubber will be produced at a rate of 30 million pounds a year, with provisions for stepping it up to 50 million pounds. The multi-million dollar facility was set up in a portion of the plant not being used, increasing plant capacity by 50 percent and employment by 125 persons.

FIELDALE—A record amount of money was brought in as Danville's tobacco market closed its 11-week season. Sales totaled 73,251,466 pounds, third highest in history, which brought \$48,848,726, a record. The average per hundred pounds was \$62.42, second highest ever. This was the market's 93rd year.

BLUEFIELD—Engineering work has started on Interstate 77 in Mercer County. The first project is a three-mile stretch from the end of the turnpike near Princeton to Ingleside. Tunneling through the East River Mountain near Bluefield is being studied and cores are being taken from Princeton to the Virginia line.

HUNTINGTON—A comprehensive growth plan for the city, in preparation for four years, has been given final approval by the Huntington City Planning Commission. Metropolitan Planners, Inc. prepared it at a cost of \$70,000.

ABINGDON—Production for 1962 was expected to be about 5½-million tons at Clinchfield Coal Company's Moss No. 3 mine and preparation plant. Production for 1961 was 5,151,000 tons, making it the world's largest commercial mine.

State Taxes Withheld For Virginia Residents

Paychecks for employees who reside in Virginia are going to look different beginning this month—different in two respects.

One difference is that each check will be smaller as far as net amount is concerned. And the second is that there will be another deduction column in use.

Both are the result of the state income tax withholding law passed by the General Assembly of Virginia, which became effective January 1. Our company is now required to withhold from checks of employees living in Virginia their state income taxes.

These deductions will, of course, be in addition to taxes withheld for Federal income.

In years past state income taxes were declared and paid by individuals and families by May 1 each year. The deductions which will begin showing up in January paychecks are for the 1963 calendar year, for which individuals will be filing Income Tax Returns by May of 1964.

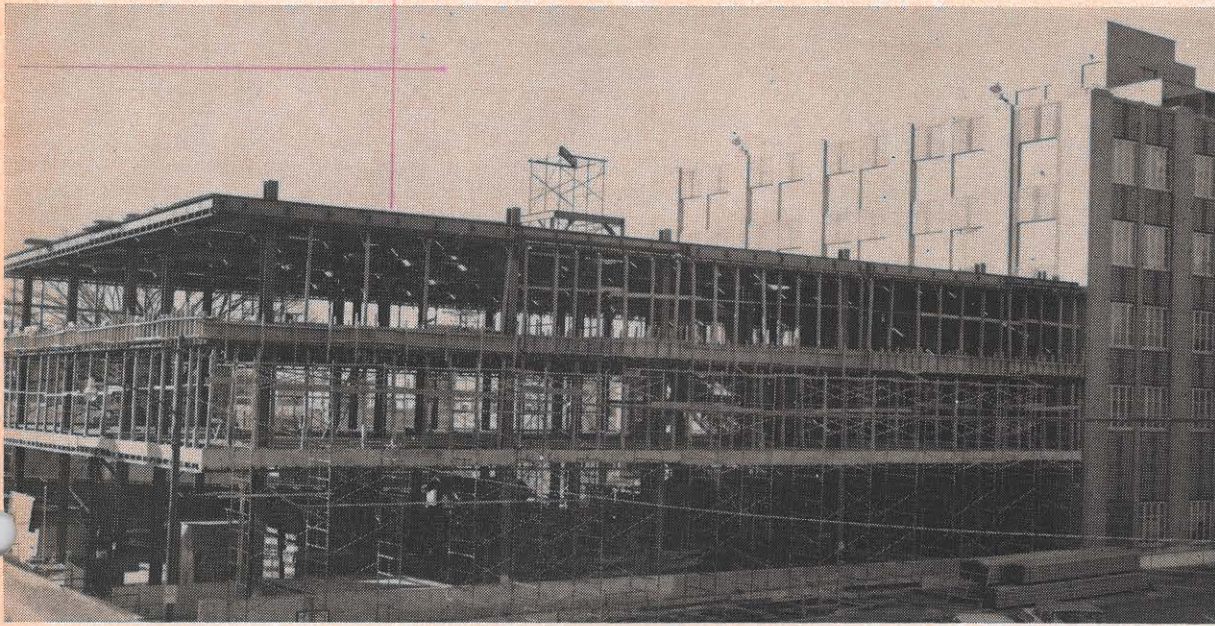
It is important to remember that employees still owe the state taxes on their incomes for 1962. These state taxes must be declared and paid by May 1, 1963.

Rise And Fall

From an editorial statement in the *Wall Street Journal*:

"The evidence is that individual initiative decreases as government initiative increases; that private spending goes down as government spending goes up; that individual liberties decline in proportion to the areas government takes over."

Office Work On Schedule



Work on the four-story addition to Appalachian's general office building in Roanoke was 29 percent complete by late December. The addition, at the rear of the present six-story building, will contain 40,000

square feet of floor space. Next step in construction is the setting of granite and brick work. Work is on schedule and the estimated completion date is August 1, 1963.

Beckley Reporter's Article Pays Tribute To United Fund Leadership Of Two Employees

Raleigh County and Beckley, W. Va., just completed its first United Fund drive, and two of its leaders are Appalachian employees.

Mrs. Eve Breck, a reporter for *The Raleigh Register*, told the story of the drive and its leaders in an article, and following are excerpts from that article.

"A major share of the credit for the stunningly successful United Fund drive in Raleigh County this year can be laid squarely on the doorstep of two Appalachian Power Company men stationed in Beckley.

"The fact that the drive exceeded its goal by 22 percent to date is even more notable in the wake of a series of failures experienced by individual organizations attempting to meet the goals of their campaigns during preceding years.

"From the day APC District Manager W. C. McMahan accepted the presidency of the newly formed United Fund of Raleigh County, Inc., the organization's operations went into high gear.

"John Gates, APC administrative assistant in the Beckley office, agreed to handle public relations, and the drive was off to a flying start.

"There were some dark periods when pledges and contributions only dribbled if they came in at all to the headquarters established in the Appalachian assembly room.

Switchback Man Ends Long Career



Mr. Brown

Emory C. Brown, Switchback station man in the Welch district, retired January 1 after over 30 years of service.

His present employment dates back to May 15, 1934, but his broken service record dates back to July 1923. He has worked as a mechanic, electrician's helper and maintenance man, becoming station man in 1953.

A native of Oakvale, W. Va., he has four children. The family lives in Bluefield, where they intend to remain during his retirement. Mr. Brown is past superintendent of the Sunday School at Pentecostal Holiness Church and his hobby is hunting.

Mr. McMahan and the capable staff he built conducted pep meetings to spur the workers, with the result that the fund went over its goal by more than \$4,000 on December 1. Since that time contributions have continued to pour in.

"Both Mr. McMahan and Mr. Gates were recognized for their productive efforts at the annual chamber of commerce dinner when the chamber director of municipal affairs, Gene Morehouse, named those responsible for what he termed 'the most explosively successful project completed in Raleigh County in some time'."



From Mrs. Breck's article: "Manager W. C. McMahan and Administrative Assistant John M. Gates (standing) hold one of their many fruitful conferences which led to the success of the United Fund in Raleigh County." Photo courtesy *The Raleigh Register*.

"Always Something New To Learn," So Plant Welder Enrolls In Welding Class

You would think that a man who has done emergency welding at plants over the American Electric Power System—welding which called for a high level of skill—would be content with his knowledge and ability. And perhaps he would be, if his name were not Lester R. Marshall.

But Mr. Marshall, who is master maintenance man at Clinch River plant, and who has 28 years of company service, feels that there is always something new to learn in any profession. So, when the plant set up evening courses in welding for interested employees, Mr. Marshall was one of the first to sign up. He is qualified in many phases of power plant work, but he enjoys most high pressure electric arc welding. The class he attends will specialize in heliarc welding. "While I know the fundamentals involved, I want to get some prac-

tical experience in this kind of assignment," he says, "and keep up with latest developments."

Keeping up has been his practice for 30 years, ever since he started welding work 30 years ago in structural work. He joined Appalachian at Cabin Creek plant in 1934 and came to Clinch River in 1958. In between those years he demonstrated his skills from the old AGE plant at Atlantic City to Twin Branch plant in Indiana, with stops at Sporn, Tanners Creek, Tidd, Windsor, Kanawha and Logan plants whenever emergencies would arise calling for the services of highly skilled welders.

There is something creative in welding which attracts Mr. Marshall. "I suppose," he says, "I like to weld just to see how well I can do with it. You have to get the feel of welding to like it. . . I am one of the lucky ones who has it."

Death Claims Benny Fink

Benjamin Fink, statistician in the system operating department, died November 17 in Roanoke. He had completed more than 35 years of service.

Mr. Fink joined Appalachian in March 1926 in Bluefield. In 1948 he transferred to the system operating department and moved to Turner station in Charleston. When the department moved to Roanoke in 1949, Mr. Fink was transferred with it and promoted to system operating analyst. He was promoted in 1957 to the position he held at the time of his death.

He was a Mason, and a member of the National Association of Cost Accountants. Mr. Fink was active in the Woodlawn Methodist Church Sunday School and scout group. He attended West Virginia University.



Mr. Fink

System's First Chemist, R. G. Call, Retires From A Career Of Pioneering

The first chemist in the AEP System, and the one who has trained most of the rest, retired January 1 after almost 44 years of service.

He is Robert G. Call, senior engineer and head of the AEP Service Corporation general laboratory in Huntington. He joined the company in 1919 as a chemist at Beech Bottom plant at Power, W. Va. In 1937 he established the general lab and came to Huntington with it when it was moved into quarters in the district's service building.

Mr. Call's reputation in the electric and chemical industries has grown over the years. He recently developed a new chemical method for removing copper oxide deposits from inside turbine generators. He developed the process and the cleaning solution, and Dow Chemical Company, to whom the patent has been assigned, is studying its uses in several industrial cleaning tasks.

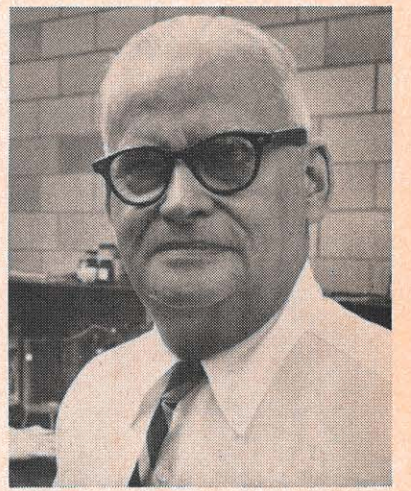
His work on chemical cleaning includes performing the first caustic washing of turbines in this country, and development of a method for removing copper plating and sludge deposits from boilers.

He is internationally known for his work with turbine and insulating oils. He designed one of the first transformer oil reclamation plants and prodded oil manufacturers into producing better oils and using better inhibitors. Many of the present tests of oils were first recognized and used by Mr. Call.

He is a member of the Elks Club, Ohio River Valley Water Sanitation Commission, American Society of Testing Materials, American Standards Association and American Society of Lubrication Engineers, of which he is past chairman.

A native of Jackson, O., he is married and has a daughter and three grandchildren.

For his retirement, he has refused offers of consulting services so that he can be free to enjoy life with his family.



Mr. Call

Retirement Ends Cloyd's Career

Francis M. (Dink) Cloyd, administrative assistant at Lynchburg, retired January 1 after completing nearly 37 years of company service.

He joined Appalachian in May 1926 as a meter tester in Logan, West Virginia. He worked in Bluefield and Welch, West Virginia, and came to Lynchburg in August 1951 as district commercial manager. In May 1960 Mr. Cloyd was promoted to administrative assistant.

Mr. Cloyd graduated from Randolph Macon Academy in Bedford, and attended VPI.

In Lynchburg he is a member of the Kiwanis Club, Central Virginia Industries, Inc., Amherst County and Nelson County and Lynchburg Chambers of Commerce, Oakwood Country Club, James River Club, and the Lynchburg Society of Engineering and Science. He is a member of Rivermont Presbyterian Church.

Mr. Cloyd and his wife have two sons and a daughter.

Following retirement, Mr. Cloyd will become secretary of the James River Basin Association and will be connected with the Chamber of Commerce.

Master's Earned By Award Winner

A 1956 winner of an AEP System Educational Award has just



Mr. Handley

received his master's degree in aeronautical engineering from Case Institute of Technology.

He is Jack Handley, son of Helen Handley, clerk typist at Philip Sporn plant. He completed his undergraduate work in engineering science at Case, and following receipt of his master's joined the missile division of Douglas Aircraft at Santa Monica, Calif.

Mr. Handley is married and has three children.



Mr. Cloyd



Lester Marshall, master maintenance man at Clinch River plant, shown here on a welding assignment in the secondary preheater, believes a man can always learn something new. So he has enrolled in Clinch River plant's evening welding class, even though he is a highly skilled welder with a long background in the craft.



Cabin Creek Plant

M. F. Morrison, personnel supervisor, conducted a first aid class in Charleston for a group of interested persons at the request of the Red Cross.

Philip Sporn Plant

New officers of the Cherokee Farm Woman's Club are Mrs. Gerald Clark, wife of the maintenance man, president; and Mrs. Luther Smith, wife of the auxiliary equipment operator, secretary and reporter... Cricket Searls, maintenance man, won the second flight of the recent Pomeroy Golf Club tournament... Tom Hoffman, unit foreman, bagged an 8-point, 145-pound deer, while Marvin Roush, unit foreman, got a 4-point, 125-pound deer.

Beckley

Congratulations to Mrs. E. M. O'Neal, wife of the line inspector, who was elected president of the Beckley Art Group... Marcene Shaner, clerk-stenographer in engineering, has resigned, and has been replaced by Mrs. Gloria Connoley... Charles Russell Garten, Jr. was elected the Most Considerate Student in the senior class at Woodrow Wilson High School.

Point Pleasant

Suzanna, daughter of J. R. Crump, line foreman, was elected special projects chairman of the University Campus Christian Fellowship at Marshall University... C. R. Street, heating and builder sales representative, bagged a 5-point, 150-pound deer in Preston County, two miles from Terra Alta, on the Arlie Hull Game Reservation.



Logan

H. L. Foglesong, engineer, was elected treasurer of the Chapmanville Kiwanis Club... Honored at the annual Scouters Banquet were Emery Jeffreys, station, who was installed as district vice chairman; M. A. White, line, who was given a Cubmaster key; and his wife, Joy, who was given a Den Mother key.

Huntington

Welcome to Hazel Helvey, new accounting employee... Mary Lou Sanford, home service representative, has resigned.

Williamson

Mrs. J. R. Hartzog, Sr., wife of the meter service foreman, was elected president of the Williamson Homemakers Club.

Benevolent Group Chooses Officers

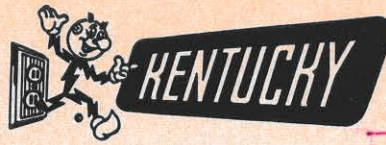


Following a successful 1962 campaign, when \$700 was paid out to various charitable groups, the McDowell County Employees' Benevolent Association, in the Welch district, elected new officers for 1963. From left are B. G. Pearman, secretary; Jane Bearre, treasurer; and Dave Smith, chairman.

Camavo Leaders



Employees of the first and second floors of the office in Roanoke, members of the Camavo Club, have elected new officers. They are from left: Betty Baker, secretary; L. D. Evans, president; Rosalie Robertson, treasurer; and Carol Branch, vice president.



Ashland

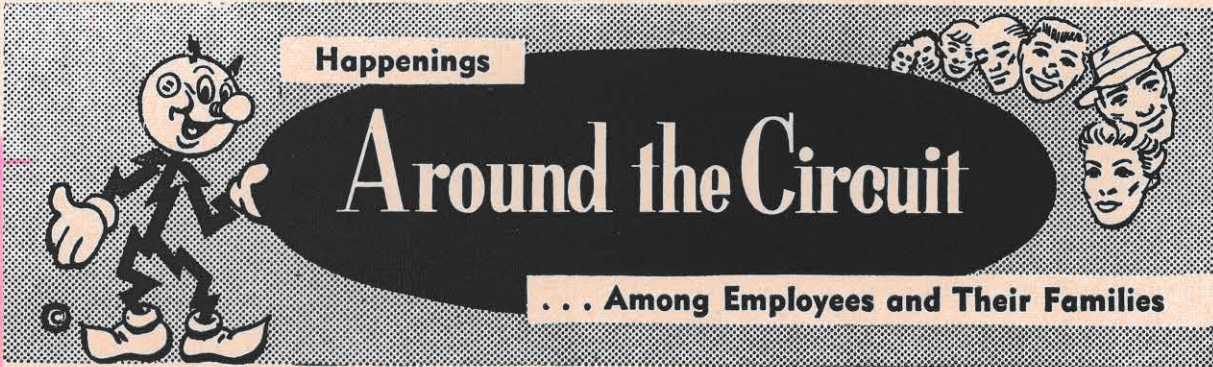
Mike, son of E. R. Walton, working foreman, is the first Boy Scout in the Boyd-Carter District to receive a senior patrol leader's medal. The award was made in honor of Mike's leadership ability, particularly during his troop's week at Camp Arrowhead.

Lynchburg

W. S. White, district manager, has been appointed to the board of Lynchburg Area Development.

Roanoke

D. C. Kennedy recently took on three civic jobs in Roanoke. The division manager was named to the executive board of the Blue Ridge Council of Boy Scouts, elected to the board of Junior Achievement of Roanoke Valley, Inc. and became chairman of the education committee for the newly formed Roanoke Valley Industries... John W. Vaughan, assistant division manager, was also named to the Junior Achievement board.



... Among Employees and Their Families



Bluefield

Karnes Hoge, division air conditioning engineer, was elected Ruling Elder at the Princeton Presbyterian Church... Mrs. Karl Mann, wife of division heating and builder sales representative, was presented a gift certificate for her assistance with the Princeton Jaycees in their projects... M. E. Rich, Records Supervisor, was chairman of the four-man Chamber of Commerce Christmas Lights Committee, for lighting and decorating in Bluefield, Virginia... Grady Parker, division commercial sales engineer, was a judge in the Princeton Daily Times Outdoor Christmas Lighting Contest... Mrs. Paul Kelsey, wife of division commercial manager, has completed a training session sponsored by the American Red Cross, to become a "Gray Lady" in the Bluefield hospitals... The employees in the Bluefield office gave an average of 70% of a day's pay to the United Fund... The employees of the Princeton office this year also received a similar plaque.

Clinch River Plant

Several employees are, or soon will be, new users of electric heat in their homes. With total electric homes under construction are Sandra Arrington, J. T. Bunton, Albert Rookstool and Carson Rasnake. Virgil Adams and Wiley Strader have just moved into similar homes. J. A. Massie, Betty Johnson and Virginia Snead converted their homes to electric heat recently... Three wives of employees are serving as den mothers for Cub Scouts in Lebanon. They are Boots Blankenship, Frances Houchins and Dottie Massie... Tommy, son of R. E. Senter, assistant plant manager, was elected president of the

Ole Timers Leadership



These three were elected to lead the Welch Ole Timers Club, which has 33 active and 14 retired members with service totaling 1,367 years. From left are J. W. Vermillion, president; Mrs. Alice Spencer, secretary and treasurer; and William Hulme, vice president.

Pioneer Youth Fellowship at the Lebanon Presbyterian Church... The Clinchers Club, under the direction of Graham Tiller, president, held three shooting matches in the Cleveland vicinity... M. V. Pack, maintenance foreman, bagged a deer and a turkey on hunting trips.

Welch

Congratulations to Norma, daughter of J. W. Vermillion, meter service foreman, and Helen Vermillion, PBX operator. She was named DeMolay Sweetheart at the annual Christmas Formal of the Welch and Northfork chapters of Rainbow for Girls and Black Diamond Chapter of DeMolay Boys. She also played the lead in two plays presented by the Thespians at Welch High School. Also in the plays was Jenny, daughter of H. H. Bivens, stores supervisor... Mrs. D. L. Kendrick, Jr., wife of the commercial sales engineer, was named secretary-treasurer of the Riverside Home Demonstration Club in Grundy.

Glen Lyn Plant

Gerald L. Raley, chemist, has returned to the plant after a training period at the AEP lab in Huntington.

Pulaski

Carl A. Schmidt, customer service clerk, and David D. Taylor, assistant district office supervisor, have been elected president and vice president, respectively, of the Pulaski Council of Religious Education.



Jack Pippin, meter reader, was elected Worshipful Master of Kingsport Masonic Lodge 688.

School Senior Earns Rank Of Eagle Scout

Ross Frey has earned the rank of Eagle Scout and received his badge from his mother during recent ceremonies.



Ross Frey

The son of Jack Frey, assistant shift operating engineer at Philip Sporn plant, Ross is a senior and an honor student at Wahama High School. He is interested in music and plans to continue training in this field in college.

He is the second in the family to receive the Eagle badge—his brother, Bill, earned a similar honor two years ago. Another brother, Larry, is also active in scouting and Mr. Frey is scoutmaster.

Engineer Is Named Head Of AEP Section

William W. Stelle, senior engineer in the Civil Engineering Division of the AEP Service Corporation, has been named head of the Division's structural engineering section.

He joined AEP in 1948 following his graduation, with a degree in civil engineering, from New York University. He is a member of the American Society of Civil Engineers, Tau Beta Pi, and is a registered professional engineer in New York state. He is also a five-year veteran of World War II and was discharged as a captain.



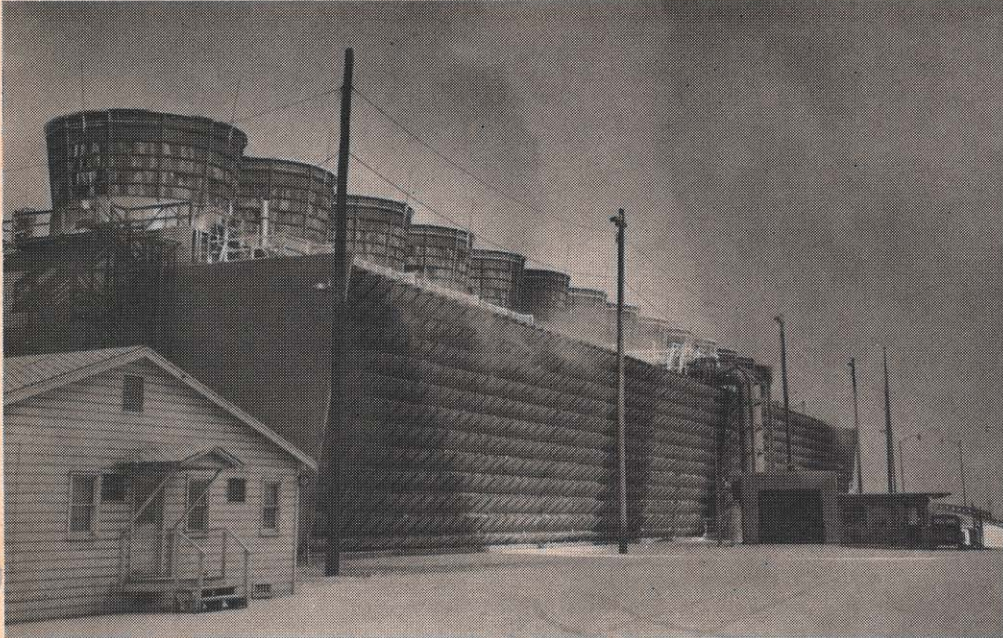
System

Donna Faye Cannaday, clerk-stenographer, is a new employee in system operating.

National 4-H Winners



Six national winners in 4-H work came from Virginia this year, five of them in the territory Appalachian serves. Appalachian employees are active in 4-H work, particularly in electric projects. The only winner not in our territory was Roger Starkweather of Vienna, Va., front row left. At right is Bobby Cofer, Forest of Lynchburg district, safety program. In the back row from left are: Emily Jean Thomas, Floyd of Pulaski district, achievement program; Margaret Jean Raines, Cedar Bluff of Bluefield district, bread demonstration; Rosalind Johnson, Huddleston of Roanoke district, canning program; and Linda Ann Arnett, Abingdon of Abingdon district, public speaking program. In addition, Miss Thomas was named winner of the Presidential Award as the outstanding female 4-H member in the country. Each of the six received \$400 scholarships.



One day around the middle of December when the thermometer at Clinch River plant stood at a chilly minus 10½ degrees, the cooling towers put on a spectacular show. The usual cloud of steam was rising from the baskets at the top of the towers, and what went up soon came down, when the steam in the intense cold condensed and froze. The result was a beautiful, soft, gentle snow that covered the plant yard.

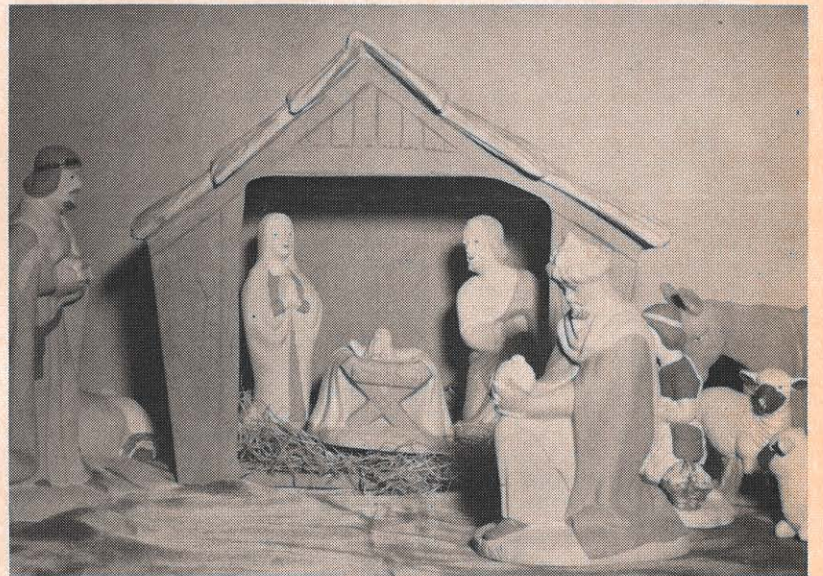
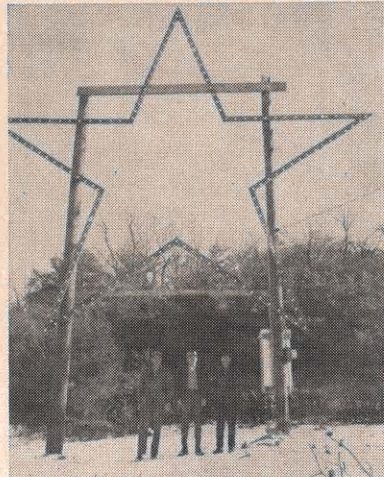


Charleston employees said goodbye, and the train whistle echoed the sentiment last month for Ira Gillikin, retiring as merchandise bookkeeper after almost 30 years of service. The gift of an electric train fulfills a long-standing wish of Mr. Gillikin's, and he enjoys it at a party attended by both present and retired employees. In tribute to his long active and reserve service with the Marines, the cake read "Sayonara, Major!" (Daily Mail photo)

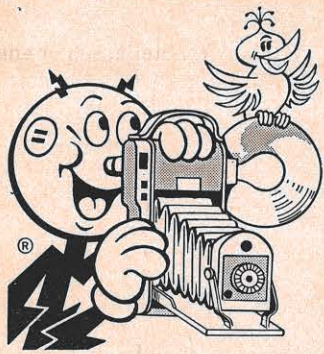


For the sixth year in a row, Appalachian is sponsoring a company in Roanoke Valley's Junior Achievement movement. Dee Carter, center, president of "APCO", discusses Christmas bell decoration production with his company's advisors: T. C. Smith, A. D. Wilson, R. B. Kilgore, and H. D. Veasey. Other Appalachian employees who are advisors, and who were not present, are M. E. Maxey and C. G. Arendell.

Assistant managers of Appalachian power plants were all under one roof recently for a meeting at Philip Sporn plant. The five men toured Unit 5 after hearing a description of its operation, and then moved on to Kentucky Power's Big Sandy plant to examine its workings. The five are, from left, G. E. LeMasters, Kanawha; Gene Gloss, Sporn; George Briers, Cabin Creek; W. G. Bell, Jr., Glen Lyn, and R. E. Senter, Clinch River.



People in Lebanon were offered a new insight into the old Christmas story this year when they saw the handiwork of Mrs. Arnold Conley. For a year-and-a-half she worked on this ceramic creche, designing the figures, making, baking, glazing and painting them herself. During the Christmas season the creche was displayed at Lebanon Memorial Methodist Church and at the Lebanon Elementary School. Mrs. Conley is the wife of the unit foreman at Clinch River plant. She teaches in the Lebanon school and Sunday School in the church.



Camera Roundup



Three Appalachian employees were instrumental in building and putting up a huge Christmas star at Peterstown, West Virginia. Shown here under the 35-foot star are D. A. Buckland, J. H. Witt, both of Glen Lyn, and Larry Dunn, Pearisburg office (above right).



Roger Hylton, out on a surveying job in the Fieldale district in 30 degree weather, stepped on a 36-inch long copperhead sunning himself. Immediately after making this discovery, Mr. Hylton invented a new dance that is blood brother to the twist and the rock. It's called the Fieldale Leap (right).



Employees in Abingdon elected officers for the coming year. In the top picture are the people who will direct the Abingdon Employees Benevolent Association. Seated are James E. Fleenor, president, and Edythe Garnand, secretary; standing are Lovis Mitchell, treasurer, and Roy Gregory, vice president. In the bottom picture are, from left, Rufus Bondurant, president; Peggy Johnson, vice president; Charlie Hefner, treasurer, and Anne Lindsey, secretary, all new officers of the Abingdon Employees Club.



H. A. Hale has an interested audience as he energizes the new Roanoke Division 34.5/12-kv station at New Castle. Watching, from left, are: J. H. Mann, J. B. Whitmore, W. S. Shanks, and T. G. Reynolds. The new station strengthens service to the town of New Castle, near Roanoke, and the surrounding area.



W. A. Irving and Mrs. Nancy Simmons fill baskets with food contributed by Roanoke office employees for distribution to the needy at Christmas. A dozen baskets were filled, and cash donations of \$50.00 were made at the annual safety meeting, during which the Patrick Henry High School Choir sang. Mr. Irving was chairman of the Safety Program Planning Group. (Roanoke World-News photo)

Microwave Gives Exciting Future To Communications

Already Playing A Valuable Role In Company Operations

There are many things about microwave that stagger the imagination—like sending 600 conversations of one sort or another at the same time on the same system, or operating an electric typewriter miles away, or controlling generators at power plants, or sitting in a Roanoke office and dialing Charleston just as you would dial the office next door.

Some of these things are being used now, others are on the drawing boards and others are still in the minds of the electronics engineers whose project microwave is.

But wherever they are, they are an integral part of microwave, and microwave is an integral part of the efficient operation of our company. Microwave is playing an increasingly important role in our efforts to provide customers with the best possible service, and for aiding employees in their work.

Microwave is a point to point system of communication, according to George Guill, assistant system supervising electronics engineer. It differs from a radio system, which sends signals out in all directions. The microwave signal is concentrated, much like a searchlight beam. Instead of permitting an antenna to scatter waves in all directions, parabolic reflectors resembling huge circular dishes concentrate energy in a desired direction. Microwave, which gets its name from the fact that the wave length is exceedingly short compared to regular radio waves, is beamed from transmitter to receiver on a line-of-sight path, and by use of reflectors it can be bounced over or around mountains, an important point in the territory we serve.

Many Uses

Microwave is being used for voice communication as well as for teletype, telemetering, load control and other operational functions. The flexibility of the system is one of its big advantages, since on some of our newer equipment there is provision for up to 600 channels to serve present and future functions.

The first microwave system was installed in Appalachian in late 1956—between Roanoke and Charleston—and during the past six years it has grown to encompass more offices and plants, and has been improved in many directions. The installation, maintenance, and operation of the system is the responsibility of the electronics section of the system station department.

One of the many possible future uses for microwave was hinted at by Donald C. Cook, AEP president, in a talk at the Management Meeting in Roanoke in November. He spoke of the use of microwave in the operation of a large, tape-oriented, transistorized, centralized computer to assure greater efficiency in the accounting, statistical, load dispatching and engineering functions of the entire AEP System.

Data and information for its work would be fed the computer by microwave, and, as Mr. Cook put it,

while the computer would be located at a central point on the System, "the microwave connection will bring it as close to each operating company as if it were in the next room."

Looking Ahead

Mr. Guill is enthusiastic when he talks about other possibilities for microwave. Among them he lists these wonders of microwave on the horizon:

1. The possibility of the use of dialing on the microwave's administrative system (as opposed to operating functions). In this system, a man in the commercial department in Roanoke could dial a man in the commercial department in Charleston just as he now dials a man in, say, the accounting department in Roanoke.

2. More effective and more direct communications between our company and other companies in the AEP System.

3. A supervisory control system—remote control—operation of the Claytor, Smith Mountain and Leesville hydros from the system coordinating office in Roanoke has been engineered and purchased for these three hydros. Equipment to enable this function is being installed in the Smith Mountain and Leesville power houses, and Claytor is now in the process of being converted.

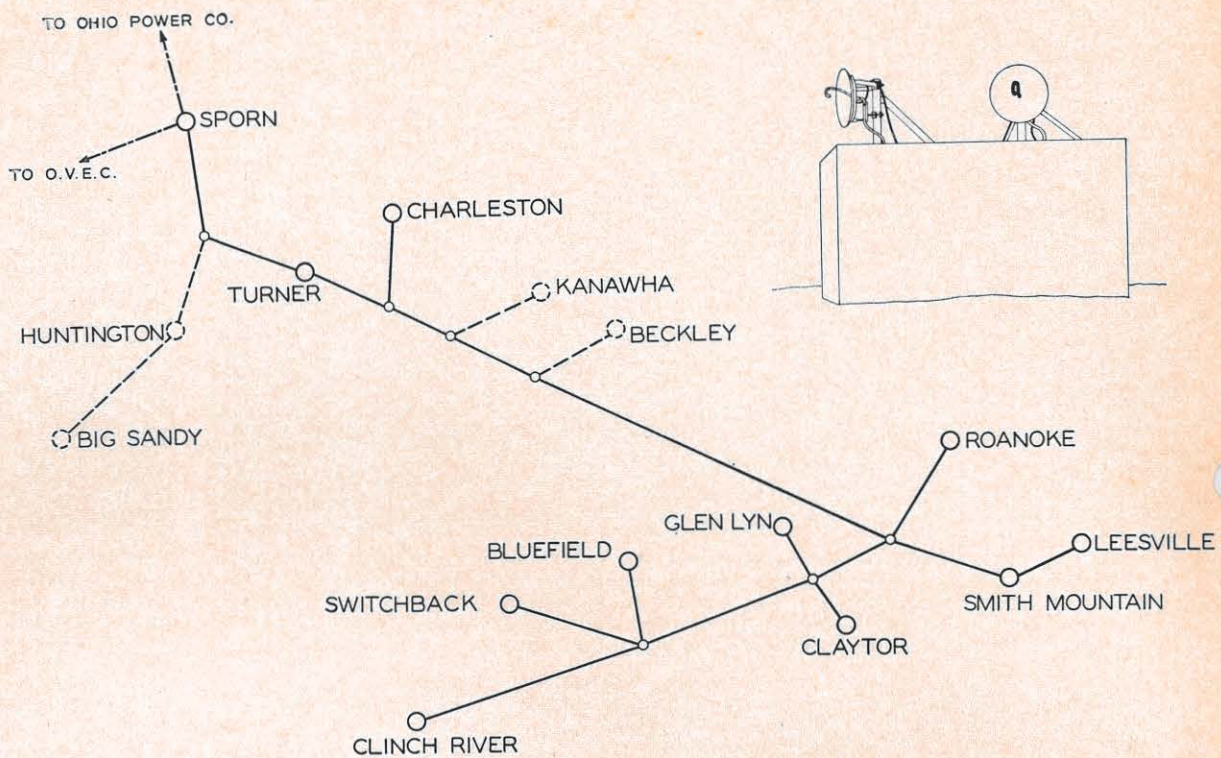
4. A part of this remote control will be a data logging system including that electric typewriter mentioned earlier. Electric production and water quantity will be measured and accumulated by the data logging equipment, and each hour totals will be stored and accumulated so that at the end of a 24-hour period they can be totaled and printed out. Microwave is the form of communication to be used in this system.

A similar system will be installed to consolidate the operation of the three Kanawha Valley Power Company hydros. They will be operated from Turner Station near Charleston.

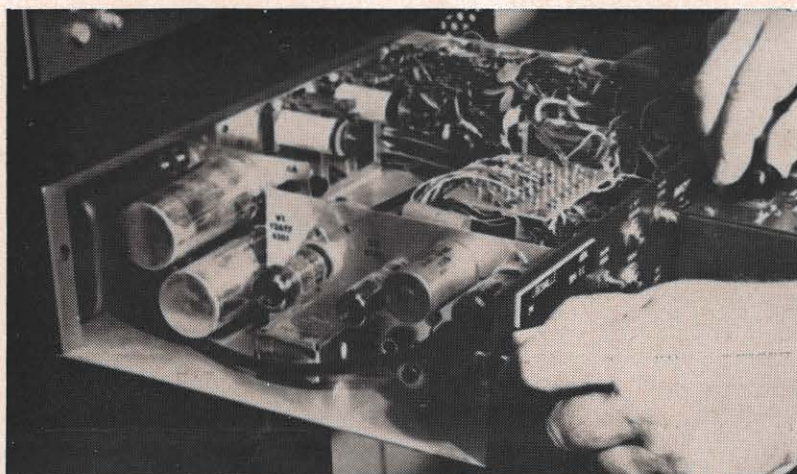
That's the future, or some of it. But what about microwave today?

Today's Operations

Today there are two microwave systems in operation in Appalachian called No. 1 and No. 2 for easy identification by engineers. Microwave One provides service to these locations: Roanoke, Turner Station, Charleston and Philip Sporn plant. Early in 1963 Kanawha River plant and Beckley will be tied in, and later in the year Huntington and the Big Sandy plant of Kentucky Power.



Points in our companies now connected by microwave are tied together by the solid black line in this simplified map. The dotted lines signify extensions to the microwave system to be built this year. The smaller circles are some of the many repeater stations along the system.



This is the microwave equipment needed on one end to put one voice channel on the system. This equipment is located in the microwave room atop the Roanoke office building.

Microwave Two serves Roanoke, Claytor Hydro, Glen Lyn plant, Bluefield, Switchback Station, Clinch River plant, and the Smith Mountain and Leesville hydros. In both systems there are many relay stations along the way, located, for example, on mountain tops.

Our tie-in at Sporn plant interconnects our microwave system with that of Ohio Power, providing, therefore, a tie-in with the rest of AEP through other Ohio tie-ins, such as the one with Indiana & Michigan Electric.

There are several advantages of microwave over other forms of communication. Its flexibility is a large one and so is the fact that it provides clearer, more dependable voice reception over long distances. It is less costly to install and operate than conventional communications methods, and in addition provides savings in other operations of the company that have come to depend on microwave.

Microwave is invulnerable to sleet and ice storms or other weather conditions. However, access to the repeater stations on mountain tops presents a transportation problem for maintenance personnel in sleet and snow storms.

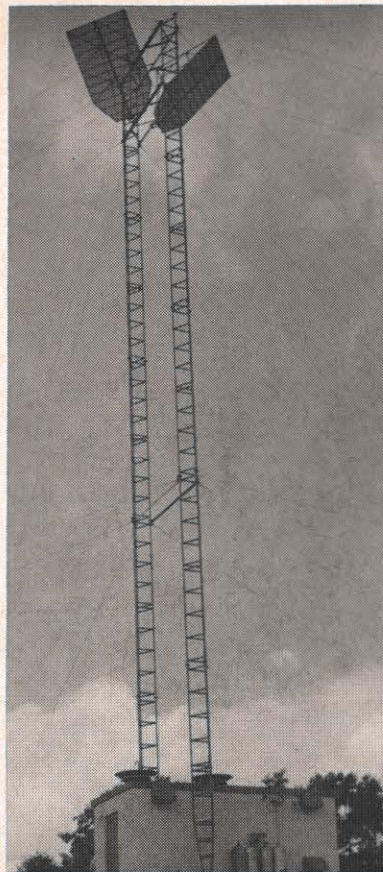
It is a system that is in a constant state of improvement despite its performance record.

Performance

That performance record is a source of pride to Mr. Guill and others who work with microwave. He points out that in the total operating time of 104,596 hours of both systems there has been a continuity rate of over 99.8 percent.

There are other possibilities on the horizon for microwave, in addition to ones described here. What else is anyone's guess, and almost any guess on what microwave will do for communications in the future is probably valid. It is clear, however, that microwave, which has already done so much for the efficient operation of our business in its six short years, will do even more in the future.

How much it will do might well stagger the imagination.



One of many repeater stations, this microwave installation is located at Waldo, near Hurricane in the Huntington district. The station, which sits on a hill (many are located on mountain tops), makes use of a 100-foot tower. A microwave signal coming in is caught by one of the tower top reflectors, reflected down to the antenna on the building roof, sent back up to the tower by the other antenna to the other tower top reflector and sent on its way to the next repeater station or to its destination. Signals coming the other way going through the same process, in reverse.

Test Engineer Goes From AEP To Clinch

Lloyd L. Rogers has been named test engineer at Clinch River plant, going from the post of associate engineer with the mechanical engineering department of the AEP Service Corporation.



Mr. Rogers

The transfer was effective November 1.

Mr. Rogers joined the company in June 1961 after graduating in engineering from North Carolina State. He is married and has a daughter, and the family lives in Lebanon.

J. V. Mann Dies After Long Illness

J. V. Mann, Charleston district assistant manager, died at his home December 30 after a long illness.

He joined the company in 1923 as rodman, and worked out of Huntington with construction crews in several states. In 1935 he became division distribution engineer in Charleston, and was promoted to local superintendent at Montgomery in 1947. When the Point Pleasant district was organized in 1948 he became its first manager, and later served in Beckley in the same job. He was transferred to Charleston in 1960.

Mr. Mann served 3½ years with the Army Engineers during the second World War, and was a major at the time of his discharge. He was active in Chamber of Commerce, Rotary, and community activities.

He is survived by his wife and three children.



Mr. Mann



George M. Guill checks a portion of the microwave equipment in the microwave room atop the Roanoke office building. Equipment shown here handles both of Appalachian's microwave systems.

Emblems Presented



D. E. Ballard
Cabin Creek
25 Years



J. A. Kovich
System
25 Years



C. A. Shepherd
Pulaski
25 Years



W. R. Elkins
Pulaski
25 Years



A. L. Ward
Lynchburg
25 Years



Brook Miller
Charleston
25 Years



C. E. Holyoke
Kingsport
25 Years



L. C. Bias
Point Pleasant
25 Years



E. C. Kingery
Cabin Creek
20 Years



W. R. Robinson
Cabin Creek
20 Years



W. H. Crowl
Cabin Creek
20 Years



D. C. Casto
Cabin Creek
20 Years



Anna Surber
Charleston
20 Years

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.

Active Vet Marks 35th Anniversary

An active church and Boy Scout worker celebrated his 35th anniversary with Appalachian December 9.



Mr. Curtis

He is Robert D. Curtis, Lynchburg lead draftsman, who joined the company December 9, 1927 as a draftsman and became lead draftsman in 1949. A graduate of the state rangers school at Syracuse University, he has been active in the Piedmont Area of the Scouts, serving on several committees. At present he is chairman of the Central District Health and Safety Committee. He is also an elder in the Westminster Presbyterian Church and former superintendent of the Sunday School. He is president of the Dale Carnegie Alumni Association. Mr. Curtis is married and has two children and three grandchildren.

Retiree's Plans Include Canada

Dullness is just about the last thing that will hit Ray Cole in his retirement, which began January 1.

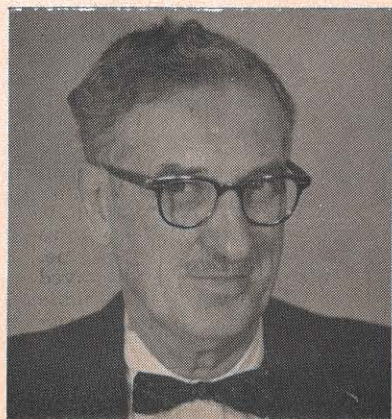
Mr. Cole was Charleston district garage supervisor, and last May marked his 30th anniversary of company service. He always was convinced that "retiring early isn't something a person does overnight; you want to think about it, and plan ahead." His wife Irene felt the same way.

Back in 1959, Mrs. Cole began laying the groundwork for a mutually happy retirement with her husband by cultivating an interest in his activities. Among these are hunting and fishing. Therefore, when Mr. Cole decided on a grouse-hunting and fishing expedition into Canada, Mrs. Cole elected to get her feet wet by going with him. As it turned out, she got more than her feet wet, because it rained for three days and nights, but she emerged a veteran campaigner, and loved every minute of it. In their recently acquired, fully equipped travel trailer, the Coles are looking forward to many such outings; and the first place on the list to visit is Nova Scotia.

But even in Charleston, where they will continue to make their home, retirement life won't be dull. The Coles' other interests include three daughters and four grandchildren. Mr. Cole has a completely equipped photographic darkroom, does ceramics, enjoys metalworking and woodworking in his workshop.

Mr. Cole is a charter member of the Charleston Camera Club, attends the First Presbyterian Church, and is a member of the Blue Lodge, Scottish Rite, Shrine, and Eastern Star, Tiskelwah No. 45. A native of Kentucky, he attended Berea College, and came to Charleston in 1928. He joined Appalachian in 1932 as a mechanic, and worked subsequently as shop foreman and assistant garage foreman before his promotion to garage supervisor in 1945.

Mr. Cole reports complete enjoyment of his 30 years of company service, and that he wouldn't change a thing. But now, as he looks forward to the future, he is confident that his retirement years will be as happy as his Appalachian years.



Mr. Cole



Appalachian Power Company

BECKLEY DISTRICT—15 YEARS: MRS. ELOISE PIERCE, T&D clerk.

CABIN CREEK PLANT—25 YEARS: D. E. BALLARD, boiler maintenance mechanic. 20 YEARS: D. C. CASTO, turbine auxiliary equipment operator; W. H. CROWL, turbine operator; E. C. KINGERY, control operator; W. R. ROBINSON, chemist assistant.

CHARLESTON DISTRICT—25 YEARS: BROOK MILLER, auto repairman. 20 YEARS: ANNA SURBER, transportation clerk. 5 YEARS: JOAN QUICKLE, credit and collection clerk; JAMES E. WEBB, pre-audit clerk.

HUNTINGTON DISTRICT—15 YEARS: DORCAS H. LINDSEY, contract clerk.

LOGAN DISTRICT—15 YEARS: E. L. ADKINS, lineman; ELEANOR CUNNINGHAM, stenographer; H. S. JIMISON, meter serviceman.

LYNCHBURG DISTRICT—35 YEARS: R. D. CURTIS, lead draftsman. 25 YEARS: A. L. WARD, working foreman.

POINT PLEASANT DISTRICT—25 YEARS: L. C. BIAS, district office supervisor. 15 YEARS: G. C. FOWLER, lineman. 5 YEARS: J. E. CRUM, meter reader.

PULASKI DISTRICT—25 YEARS: W. R. ELKINS, lineman; C. A. SHEPHERD, line foreman. 10 YEARS: N. C. BOGLE, general clerk.

RADFORD ARSENAL STEAM PLANT—10 YEARS: H. E. DIXON, auxiliary equipment operator; J. K. YATES, boiler operator.

ROANOKE DISTRICT—5 YEARS: L. D. PRICE, T&D clerk.

PHILIP SPORN PLANT—15 YEARS: DWIGHT C. OLIVER, laborer; GEORGE C. WHITE, coal handler. 5 YEARS: CHARLES R. ALLENSWORTH, laborer; GERALD W. ARNOLD, barge attendant; ANDREW D. DECOY, auxiliary equipment operator; ROBERT E. HERNDON, test engineering aide; JOHN M. ROTTGEN, utility operator; JERRY C. SCOTT, helper; JOHN E. SMITH, helper.

SYSTEM—25 YEARS: J. A. KOVICH, senior appraisal engineer. 10 YEARS: T. M. WISE, system transmission man.

Kentucky Power Company

HAZARD DISTRICT—10 YEARS: BURCHELL RIDDLE, auto repairman 5 YEARS: WENDELL PRIDEMORE, distribution engineer.

Kingsport Utilities, Inc.

25 YEARS: C. E. HOLYOKE, district superintendent.



Appalachian Power Company

Cabin Creek Plant

M. D. DODD, from mechanical maintenance helper to mechanical maintenance man.

Clinch River Plant

CHARLES H. PRUITT from laborer to utility man.

Roanoke District

D. E. McNEIL from groundman to lineman C; BONNIE MOORE from clerk-trainee to cashier.

Kentucky Power Company

Ashland District

ROBERT E. MUNCY from lineman B to lineman A.

It Was No Drill

Cuban Crisis Brings Roanoker's Family Home

Very much a part of recent headlines was the A. J. Lyne family of Guantanamo Naval Base in Cuba.

Mrs. Lyne is the daughter of Mrs. Nelle Phillips, Roanoke district utility clerk, and she and her two daughters recently paid Mrs. Phillips an unplanned visit, thanks to the Cuban crisis.

Mrs. Lyne's husband is a First Class Yeoman in the Navy at the base and had taken his family when he was stationed there. Then came October 22. Along with 2,800 other dependents, the Lyne family received word at 10:30 a.m. that they were to pack one suitcase each and be ready to leave the base by 2:30 that afternoon. Orders were specific. "Don't contact your husband or your children and go where you are supposed to and nowhere else."

They had had drills before but this one was real. Teachers had been preparing the children for months, and they met their mothers at a pre-arranged place. Mrs. Phillips' daughter said that when the teachers told their students they were really going on a boat ride this time, the youngsters became quite excited. But after four days on the boat they were wondering when they would ever get to shore.

Mrs. Lyne was more fortunate than most—her husband was assigned to the evacuation detail and she and her daughters did get to tell him goodbye. The trip was uneventful, the food was good and



Four generations get together during the Lyne family's unplanned visit to Roanoke from Guantanamo Base. In the center is Nelle Phillips, Roanoke employee, and on the far left is her daughter, Mrs. A. J. Lyne. At far right is Mrs. Phillips' mother, Mrs. Gardner. The girls, Mrs. Phillips' granddaughters, are Nancy and Cynthia.

everyone had a bed. And the Red Cross in Norfolk was on the job to look after them when they arrived.

They did face one problem when they got to Roanoke—they had to buy winter clothes, since all they had were for warm weather.

After their pleasant visit with Mrs. Phillips, the family received

Retiree Has Long Two Weeks' Service



Mr. Saul

W. P. Saul of Roanoke figured to work a couple of weeks and then move on to another job when he joined Appalachian October 1, 1918. On January 1 he retired from the district after 44 and a fourth years of service.

He came to work as a groundman and was a lineman and troubleman before ill health dictated his becoming a station man in 1953.

Today's working conditions are a far cry from those of 1918, according to Mr. Saul. There was no automatic equipment then, just horse and man power. There were only two pair of rubber gloves and sleeves, and they were so hard and dry they were difficult to use. He cited one of the standard practices in those days that makes him shudder now—they would bolt a dry crossarm to a green chestnut pole and work 2,300 volts bare-handed standing on the crossarm.

He remembers he worked 10 hours a day, Monday through Friday, and five hours on Saturday. If a man worked more than 55 hours a week, overtime was paid at the straight time rate. Groundmen made 30 cents an hour, linemen 57½ cents.

Mr. Saul likes to bowl, fish and hunt. He had the highest average in the company bowling league in 1948 and 1949. He is a member of the Belmont Methodist Church and the Roanoke Skeet Club, and he and his wife have four boys, two girls and seven grandchildren, the entire family living in Roanoke.

On his retirement Mr. Saul had this to say: "The company has always been fair and square with me. I sure am glad that I stayed with Appalachian, and I know of no company that has a better benefit plan."

additional orders December 7 that they could return to the Cuban base in time to enjoy Christmas with their husband and father. They were allowed 100 pounds of luggage each, took a train to Norfolk and flew back to the base. If things go smoothly in Cuba, they will be there another year.



Mr. McGlothlin

Marion Lineman Is Electrocuted

William Bates McGlothlin, 56, Marion area serviceman in the Pulaski district, was electrocuted December 14 while re-fusing a 7,200 volt transformer fuse cutout.

He started with the company in January 1923, helping build transmission lines in the Bluefield division. He worked as groundman and lineman until 1938, when he became a serviceman. That same year he went to the Marion area.

Surviving Mr. McGlothlin are his wife, two daughters, and a son, W. B. McGlothlin, Jr., Marion meter reader.

Services were held from the Marion Baptist Church, of which he was a member, and interment was at Marion.

AEP Mapmaker Ends Long Career

William M. Peterson, supervisor of mapping and chartwork for the American Electric Power Service Corporation's System Operating Division, retired January 1 after 36 years of service.

Mr. Peterson joined the company in 1926 as a draftsman, and for many years has supervised production of the AEP System maps seen by the thousands in offices and other buildings throughout the System. He has also been in charge of the preparation of innumerable maps, charts and graphs for engineering studies, reports to governmental agencies and publications.

Model Railroad Layout Judged Best In Show

Four years of efforts—much work and more fun—of a father-son team paid off with first prize in the fifth annual model railroad show in Huntington.

Byron W. Hunt, Jr., utility clerk, and his 14-year old son, David Lee, had previously won third place, but this year their improved layout was the outstanding in the show. They received a revolving trophy, a share of railroad stock and a chrome-

Work Simplification

Number of Ideas Approved As Pace Continues

Our companies' Work Simplification Program continued at a steady pace, with 23 proposals receiving approval in the division of their origin during November.

Three came from Logan. C. A. Keener and Leonard Crum suggest moving the spare tire rack on service trucks from inside to the top of the truck body, making the spare more accessible. Mr. Keener also worked with W. M. Hill on a proposal to install a light in the side compartment of service trucks where belts and tools are stored. W. K. Shelton suggested the use of a disconnect switch stick for closing oil reclosers.

Charles Ellison of Beckley proposes wrapping a piece of friction tape around the hand line 23 feet from the hook to give the correct mounting height for dusk to dawn lights at a glance.

Five suggestions come from Charleston. D. H. Crosier proposes installing two dusk to dawn lights in the pole yard for complete illumination. F. E. Porter describes a new procedure: use a spacer to spread triplex secondary cable to provide working space and protection. Cover the neutral messenger with plastic guards, then make service taps. Then remove triplex spacers. R. E. Christenson says that if two eyes or hooks are welded to bumper jacks, the bumper jack and a rope can be used to pull vehicles from ditches, etc., with no other assistance.

Clinch River was represented with four ideas. W. M. Robinson and H. G. Gillespie tell of replacing one type ash hopper sluicing valve with another to save maintenance time. P. B. Blizzard describes a method including the availability of air, to improve evacuating time in boiler outlet ash hoppers. Mr. Blizzard and Howard Ferguson describe adapting television monitors so that moving them for repairs is considerably easier. And J. R. Trail and R. L. Parks tell of making a punch for the auxiliary press to make slotted holes in the belting used on conveyor seal skirts.

T. H. Hardman says that the use of a washer holder to place washers on clamps or dead-end bodies when the line is energized simplifies the job. And C. A. Simmons proposes that line foremen be instructed to check phase currents when installing distribu-

tion transformers or spur lines and connect to low phase.

C. H. Murray, Jr., and K. G. Roush of Point Pleasant suggest installing a throttle control near the

Busy Retirement Planned By Vet



Mr. Witt

There is much to do for John H. Witt, Roanoke district line foreman, who retired January 1 due to poor health.

The 29-year veteran plans to devote more time to church work, wants to visit relatives, will do some fishing and hunting, will keep his basement workshop humming and will devote time to his flowers and garden.

He joined the company February 14, 1934 as a groundman and was a truck driver-groundman and lineman before becoming line foreman in 1948. He is a native of Bedford County.

He is treasurer of the Vinton Church of the Brethren and chairman of its board of deacons and a trustee. He is also a member of the Appalachian Fishing Club, the 1900 Club and a past member of the Odd Fellows.

He has two children, two stepsons (Wiley and Garland Holdren, Roanoke district line and station employees) and six grandchildren.

front end winch so the operator can change its speed without entering the truck cab.

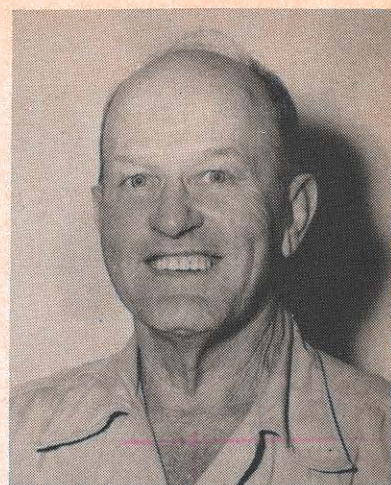
Roanoke's J. O. Bowling describes small lights, hooked to the head light switch, that are installed in one or two bins on trucks where fuses, dies, etc., are kept, providing light for groundmen to select proper material for the linemen without having to wait for a flashlight (which the lineman is probably using).

R. C. Foster of Lynchburg suggests using a quarter-inch pad of plywood or masonite under heavy steel files to save wear and tear on asphalt floors.

From Cabin Creek plant, Cecil R. Gillespie describes how bulldozers and the like are parked as near as possible to 120-volt outlets when they are not in use. During cold weather, when diesel or gasoline engines are difficult to start, a portable battery charger makes the job easy.

D. T. Hayner of Glen Lyn plant describes a clamping device used to turn Hardinge pulverizers during the 18 positionings of each mill, saving 5 to 10 minutes each positioning. E. E. Medley describes another device, this one used to hold the unbalanced spider when exhaust blades are removed.

Four ideas come from Kanawha River plant. Spray cooling of the drum saves outage time when a boiler is undergoing an acid washing, says W. J. Buchanan. W. F. Sampson suggests replacing the metal cam follower sleeve with plastic insulation stripped from a piece of wire to reduce wear and maintenance costs. He also suggests using insulation from scrap wiring to replace the metal inlet tube to supervisory instrument pens that have been corroded by ink. Finally, J. Creasey describes the use of clear plastic flexible tubing filled with water to transfer boiler drum center line reference marks inside the drum to a point outside of the drum.



Mr. Blizzard

B. H. Blizzard, Vet, Dies At 74

B. H. Blizzard, retired Charleston substation foreman, died unexpectedly December 6 at his home in Greenbank. Mr. Blizzard, 74, retired in October 1953 with more than 30 years of Appalachian service to his credit.

He lived all of his life in the Kanawha Valley until retirement. He started work on a part time basis at Cabin Creek plant in 1913, and left in 1916 to join West Penn Power Company. He returned to Appalachian in 1923 as transmission foreman, and became crew foreman in the substation department in 1947. He was in charge of the construction camps that built the Turner-Chemical, Charleston-Clenndenin, and Clear Fork lines.

A member of the First E.U.B.V. Church of Dunbar, Mr. Blizzard is survived by his wife, a daughter, a son, Paul Blizzard, who is maintenance foreman at Clinch River plant, and ten grandchildren. A brother, A. T. Blizzard, is a retired Appalachian Charleston employee.

Services were held in Charleston, and burial followed in Dunbar.

For Christmas



Four Christmas carolers and a pipe organ featured one of the seasonal displays in the Point Pleasant office. With the display is its designer and builder, Susan Jones, home service representative. The choir boys are made of plywood and the organ pipes are rug holders painted gold.

Same Day, Same District—Victims In Two Mishaps Aided By Employees

Rendering aid to unfortunate motorists is not an unusual thing for employees. But it's not often when two employees from the same district perform acts of mercy on the same day.

That's what happened in Point Pleasant recently, however, when Fred Nibert, T&D clerk, was involved with a fire and J. K. Shinn,

engineering aide, was on the scene of a wreck.

Early in the day Mr. Nibert was on his way to Ravenswood when he saw a moving van loaded with furniture pull over to the side, the blankets covering the furniture ablaze. Mr. Nibert stopped and called the fire department. Then he went to the truck, advising the driver to shut the doors to help smother the fire. After the fire department arrived, he helped remove the furniture from the van and started on his way to Ravenswood again.

Mr. Shinn was coming back from Jackson County when he approached a bad curve where there had been many wrecks. Sure enough sitting over the hill was a vehicle. He stopped and found the accident had just occurred and an elderly couple was involved.

The lady was standing beside the car and the man was still inside. Mr. Shinn immediately treated the woman for shock and for her cuts and bruises, and, although the man was not injured, Mr. Shinn took no chances, getting him to be quiet too.

He then stopped a passing motorist, asking him to call a hospital. Soon an ambulance arrived, and Mr. Shinn, like Mr. Nibert, continued on his way.

Thrill Of Light

Dusk to dawn lights got the best kind of testimonial in a letter that Dave Whittaker, Pearisburg area supervisor in the Bluefield district, received from a customer.

The letter said: "For some time I have wanted to write you a word of appreciation for your kindness and promptness in having the dusk to dawn light installed for me. Only those who have lived so long without outside lights can appreciate such a welcome addition to their surroundings. Really, I still thrill when that light comes on at dusk. Thank you, thank you."



Byron W. Hunt, Jr. and his son, David Lee, accept the best in show trophy for their model railroad layout from E. L. Morrison, Jr., Chesapeake & Ohio Railway. The award came at Huntington's railroad show.



Four of the six members of the Coal Docks, Sporn plant winners, are shown, from left: Tommy Simmons, Jerry Arnold, Kenneth Carter and Paul Taylor. Not pictured are Harold Russell and Frank Sisson.

Coal Docks, Short Circuits Champs In Sporn, Pikeville Bowling Leagues

The Coal Docks in the Philip Sporn Plant Bowling League and the Short Circuits in the Pikeville Employees Bowling League were crowned first half champions. The Coal Docks won by two games over three teams trying for second—Tennants Shift, Trippers and King Pins. For the first half, Bob Gilmore had high average of 180 and Wyllis Davis was second with 179. Dorwin rolled high game

of 241. Sonny Haggerty had high set of 634 and Tennants Shift rolled high team game of 930 and high team set of 2660.

The Short Circuits ran up a 43-17 record to win in Pikeville, with the Kilowatts finishing second. Rolling for the Circuits were Corbin Bobbitt, captain, William Zoellers, C. H. Fields, Victor Coleman and Grace Rowe.

High team set of 2323 and high team game of 924 were rolled by the champs. Bill Barnett had high game of 238 and high set of 599, while Dixie Cline had high game for women of 190 and Betty Robinette had high set of 453.

King, Pauley Win Sporn Doubles Event

Larry King and James Pauley won the doubles event as bowlers at Philip Sporn plant held a mid-season tournament.

The two rolled a combined score of 1293, edging Bub Stivers and Cricket Searls, who had a 1265. Singles matches are scheduled for a future date.

A Challenge

A bowling team from Philip Sporn plant has issued a challenge and an invitation to teams from other plants and districts.

Bowlers at the plant would welcome matches with other locations, and if any are interested, they should contact Cricket Searls, who is president of the Philip Sporn Plant Bowling League.

Retiree's Daughter Advances In USAF

Graduating from the Medic School at Gunter Air Force Base in Alabama, Nadine Sue Jones has earned the title of Dental Specialist.

The daughter of W. B. Jones, retired Kingsport employee, Miss Jones has completed her basic training in the Air Force. She has been assigned to the 865th Medic Squadron, Strategic Air Command, and is stationed at Offutt Air Force Base in Nebraska.



Miss Jones

Season Spirit In Logan

One Christmas card Syrean D. Baker of Logan received meant just a little extra.

It came from a customer who was in trouble, and whom the assistant credit supervisor helped. Mrs. Baker was discussing his delinquent account with the customer when she found that he had come home from a sanatorium solely to try to arrange for public assistance for his family.

Mrs. Baker took over, contacting several people to find where he could get help for his family. Her efforts succeeded, and the man was able to return to the sanatorium for his convalescence, secure in the knowledge that his family was being looked after.

The Christmas card Mrs. Baker received contained the man's thanks, and made Christmas brighter for her too.

Wheeling Woman Ends Long Service

Angela M. Hurley, supervisor of labor relations for Wheeling Electric Company, and the only woman on the AEP System to be in charge of wage and labor negotiations, retired November 1 after more than 42 years of service.

Miss Hurley joined Wheeling in 1920 as a switchboard operator, and since Wheeling only had 100 employees, was also asked to figure the payroll. She went into payroll work soon after and became payroll supervisor in 1942. She was named supervisor of labor relations in 1958, and for the past 11 years has also been editor of the *Wheeling Electric News*.



Miss Hurley

Deer Kills By Hunters Continue



Bagging deer in recent weeks were these men and a boy. In the top row are from left: G. E. Hill, Bluefield; B. C. Wallace, Welch; and Mike Morrison, Fieldale. At right are from left: S. C. Morris, Charleston; and Estel Crabtree, Welch.

Employees continued proving their skills at hunting as several more reported in with deer kills during the recent season.

But topping the reports was one from 13-year-old Mike Morrison of Stuart, whose father is J. G. Morrison, Stuart line foreman in the Fieldale district. For six years Mike has been hunting all types of game, and has brought home rabbits, squirrels and other small game. But this year the youth bagged his first deer, a 150-pounder. He got it in Patrick County.

Four employees got deer in the Welch district. Earl E. Belcher, Grundy area serviceman, killed a 3-point, 150-pound buck, his fifth deer in six years of hunting. He has gotten all of them in Bland County on opening day.

Henry E. Farmer, Grundy line-

man, shot a 4-point, 125-pound buck in Amelia County, and Estel Crabtree, Welch lineman, got an 8-point in Rockbridge County. It was his third in six years. B. C. Wallace, Switchback T&D clerk, killed a 10-point buck in Bath County on opening day, his second in five years.

Bland County was good for Garlin E. Hill, Bluefield station man. He got a 9-point buck there that weighed 152 pounds.

S. C. Morris, Charleston meterman, shot a 250-pound, 8-point deer in Tucker County. He and his party which included Clayton Starcher and W. C. West, also meterman, stayed at State Park at Blackwater Falls.

These men, and others, have organized a hunting and fishing club called Mountaineers Sportsman Club. Mr. West is vice president, Mr. Morris treasurer and Mr. Starcher assistant treasurer.

Wedding Bells Ring



Mrs. T. A. Murray Bluefield



Mrs. B. L. Patton Philip Sporn Plant



Mr. and Mrs. C. W. Rardon Ashland



Mrs. C. H. Hancock, Jr. Pulaski

Oliver-Patton

The marriage of Karen Louise Oliver and Bernard Lee Patton was solemnized October 14 at the Sonora Methodist Church, Zanesville, Ohio. Mrs. Patton is the daughter of Dwight C. Oliver, a member of the labor department at Philip Sporn plant.

Peters-Claytor

Mrs. Pearl E. Peters and Francis P. Claytor, Sr. were united in mar-

riage October 31 at Rockhill, South Carolina. Mr. Claytor is a retired system employee.

Williams-Murray

Eva Sue Williams became the bride of Thomas Aaron Murray in a ceremony performed at the First Methodist Church in Mullens, West Virginia. Mrs. Murray is a clerk-stenographer in the T&D records section.

Bush-Athey

The marriage of Louise Bush and Harry Athey took place October 6 in the First Congregational Church, Mansfield, Ohio. Mr. Athey is the son of Clayton Athey, shift operating engineer at Philip Sporn plant.

Cecil-Hancock

Frankie Caroline Cecil and Charles H. Hancock, Jr. were united in marriage November 17 at St. Paul's Methodist Church in Christiansburg. She is the daughter of Frank R. Cecil, Christiansburg lineman in the Pulaski district.

Keeton-Rardon

Ginger Keeton and Carl W. Rardon were married in ceremonies November 11 at the First Church of the Nazarene. She is the daughter of Walter Keeton, Ashland serviceman.

Ashland Girl Wins Citizenship Award

Dependability, patriotism, leadership and service qualities have won the DAR Good Citizen Award for Robin Keyser.

The daughter of Donald C. Keyser, assistant invoice and accounts payable supervisor at Ashland, Robin won the award at Thomas R. Brown High School. She is editor of the yearbook and was a delegate to Girls State last year. She is secretary of the Beta Club and was 1962 Homecoming Queen.



Miss Keyser

New Arrivals

Beckley

MR. AND MRS. T. G. ALLEN, a son, Thomas G. Allen, Jr., December 6. Mr. Allen is an electrical engineer.

Bluefield

MR. AND MRS. DAVID K. SPIVEY, a daughter, Melanie Lynette, December 13. Mr. Spivey is a division draftsman.

Philip Sporn Plant

MR. AND MRS. ROBERT H. EASON, a daughter, Linda Rae, November 22. Mr. Eason is a test engineer.

MR. AND MRS. ROBERT M. GILLAND, a son, Mark Steven, December 4. Mr. Gilland is an auxiliary equipment operator.

MR. AND MRS. WILLIAM R. HAYES, a son, Steven Mark, December 4. Mr. Hayes is a maintenance foreman.

Welch

MR. AND MRS. CHARLES D. STOVER, a son, Gary Dean, November 19. Mr. Stover is a groundman in Grundy and Mrs. Stover is a former employee in the record and accounting departments.

MR. AND MRS. FRED ADAMS, a daughter, Julia Lynn, December 6. Mr. Adams is a division heating and builder sales representative.

They're Engaged

KAY WILLIAMS to Larry Powell. Miss Williams is a cashier in Kingsport.

FRANCES T. HARVEY to C. E. Gore. Miss Harvey is home service representative in Bluefield and Mr. Gore is dealer sales representative in Montgomery of the Charleston district.

JUDITH BELL to Troy Fairchild. She is a clerk-trainee in Ashland local accounting.

CAROL CORNELL to Samuel C. Humphrey. He is the son of Ed Humphrey, Ashland distribution engineer.



First official traffic across the Haleford Bridge, Jap Hundley and his mule, Jack, are shown at left close to the end of the 1,000-foot journey. At right, J. L. White, Roanoke division engineer, reads to Mr. Hundley a "Certificate of Primacy" as proof of his achievement. With Mr. White is Rev. H. L. Cooper, member of the Bedford County Board of Supervisors. It is the fourth Haleford Bridge Mr. Hundley has crossed.

Jap Hundley and Jack The Mule Dedicate Haleford Bridge With Thousand-Foot Ride

Two million dollars worth of bridge-building and road construction was wrapped up the end of November when William Jasper Hundley and his mule, Jack, became the first traffic to cross the 1,000-foot-long Haleford Bridge over Roanoke River.

For Appalachian Power Company it marked the end of the major bridge and road construction program begun last year that included six bridges and 22 miles of improved or new roads. The work was made necessary by the lake to be created when the huge Smith Mountain Combination Hydro-electric Project is completed in 1964. The other bridges—at Hardy Ford and Tolers Creek over Roanoke River, at Brook's Mill over the Blackwater River, and two on Gills Creek—are already in use. Virtually all of the associated road work, including the perimeter road around the southwest edge of the reservoir, has been completed. The last work is being done on minor roads and a small bridge.

For the 80-year-old Mr. Hundley—known as Jap—the Haleford bridge crossing follows a tradition. He remembers crossing three of the bridges which preceded the present new one, and believes he was the first to ride across the latest one, in 1940.

On this occasion he was certainly the first to ride a mule across the structure, which stands 135 feet over the river. Instead of the traditional ribbon cutting and speech-making by various dignitaries, Jap mounted his old mule, and as representatives of the State Highway Commission, Appalachian Power Company, Hayes, Seay, Mattern & Mattern, designers of the bridge, McDowall and Wood and American Bridge Company, the contractors, and press and television watched, he ambled the length of the bridge and back again. At the end of the ride, he received a "Certificate of Primacy" as proof that he and his mule were the first to cross the bridge officially after its completion.

Watching for Appalachian were Joe P. Gills, vice president and general manager; G. L. Furr, vice president; Earle T. Snodgrass, resident engineer on the Smith Moun-



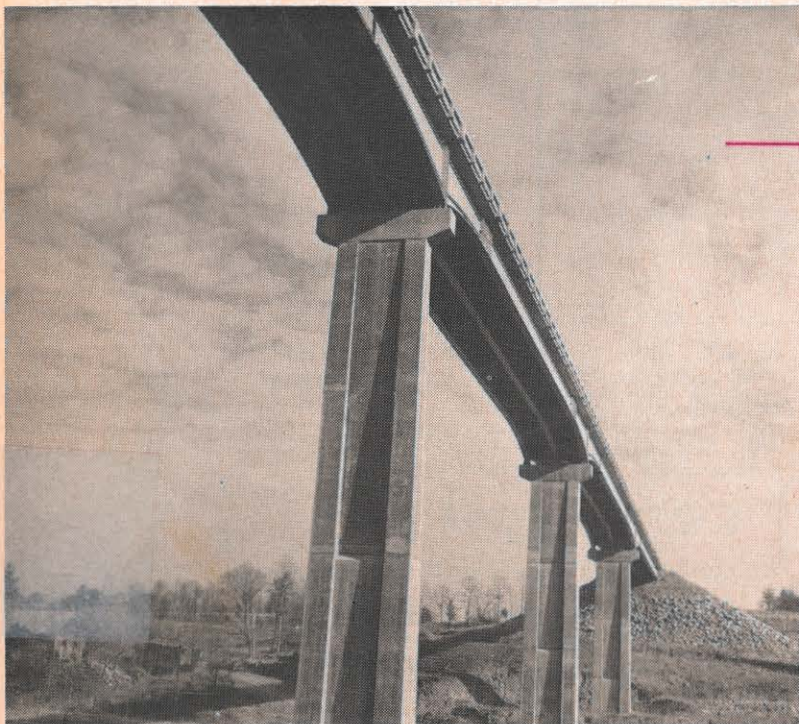
Mr. Bargar

Hydro Plant Vet Is Now Retired

Frank Marsh Bargar, maintenance mechanic at the Bylesby and Buck hydros in the Pulaski district, retired December 1. His retirement came early because of ill health.

He joined the company August 19, 1942 at Buck and worked with the late Frank Aldred on the rebuilding and repairing of the plant. He then went to hydro production in the maintenance of the two plants.

He is married and has three daughters and lives at Fries. He is a member of the Methodist Church and enjoys hunting and fishing.



Winfred Hart, Roanoke division senior station engineer, made this picture of the new Haleford bridge, which shows in a spectacular way its great height—135 feet above the river—and length—1,000 feet.

tain Combination Hydro-electric Project, and J. L. White, Roanoke division engineer, who presented the certificate, a cigar, and a special gift to Mr. Hundley. After the ride, Mr. Hundley was taken for a brief flight in a helicopter over the bridge and his home.

Mr. Hundley, a bachelor, has lived all of his life on the banks of the Roanoke River, and occupies a house on a hill overlooking the new bridge and the older one it replaces. According to the contractor, he was active in the supervision of the construction work.

The cost of the entire bridge-road program to Appalachian was \$2.3-million. Title to the bridges will pass to the Virginia Department of Highways, which will assume responsibility for the future maintenance.

The Haleford Bridge crosses the Roanoke River on Route 122 south of Moneta.

Loyd Smith, Lynchburg District Win 1962 Illuminator First Place Award

Loyd T. Smith and the Lynchburg district have won the 1962 ILLUMINATOR Award, marking the first time in the 13 years of publication of the employee newspaper that the district has finished first.

Mr. Smith, administrative assistant in Lynchburg, is correspondent for the paper, and won out over 22 others in the annual competition. He and the district were recognized at the district's Christmas party December 22.

Ranking high in the 1962 competition were D. E. Trout, Roanoke, second (he won the award in 1961 and 1960); John Gates, Beckley, third; Ira Henderson, Bluefield, fourth; and W. C. Groseclose, Welch, fifth.

The annual award is based on several factors, including both quantity and quality of material submitted to the newspaper's staff for publication, meeting of deadlines and meeting of a balance quota between employee and company types of news.

Lynchburg finished second in competition for the award in 1961 and 1950.

Power Plants Are Featured In Two Issues of 'AEP Ideas'

Power plant people dominated in articles appearing in the November and December issues of AEP Operating Ideas.

W. J. Buchanan, Kanawha River plant maintenance supervisor, wrote an article for each issue. In November it was "Slow Rotation Aids Air Preheater Washing," describing a speed reducer adapted to reduce the speed of rotors when maintenance people are washing air preheaters during an outage. In December his article was called "How To Get Three Welding Machines From One." He tells of devising a way to convert a standard motor-generator welder so that it can supply three arcs simultaneously.

Five Clinch River plant men contributed two articles. P. B. Blizzard, Conrad Powers and James Britt of maintenance collaborated on "Preheater High-Pressure Wash Made Automatic." In the long November article, illustrated with several pictures and drawings, they tell how a successful high-pressure automatic wash was developed for Ljungstrom air preheaters.

In December R. G. Ferguson and L. P. McFarland of Clinch contributed "Handles For Belly Bands." They describe handles welded to belly bands on boiler steam drums to make removal of them easy.

"Gauge Measures Pulverizer Balls Accurately" was contributed by



Mr. Buchanan



Mr. Blizzard



Mr. Powers



Mr. Britt

the results department at Philip Sporn plant. They picture and describe a gauge used to measure the size of grinding balls on coal pulverizers, saving 175 man-hours a year at the plant.

Retiree's Work Is In 22 Stations

He came to install, stayed to maintain and retired January 1 after over 37 years of service with the company.

He is Walter S. Shanks, who joined the old Lynchburg Traction and Light Company May 1, 1925 and a year later was loaned to Roanoke to install a tribune in the old Walnut Avenue steam plant and automatic equipment in the Mason Creek station. And then he stayed in Roanoke to maintain the equipment, rising over the years to the position of station foreman for the district.

Before he came to Roanoke he helped construct an addition to Reusens hydro and helped build the Blackwater station.

When he came to Roanoke there were only three 2,300-volt distribution stations in the district. Now there are 22 distribution stations, most of them operating at 12,000 volts. And Mr. Shanks has worked on all of them. During that period he held jobs as substation foreman and assistant substation foreman, rising to station foreman in 1939. And, working so much with equipment, his chief comment about his years of service is that the company is getting more and better equipment all the time.

Mr. Shanks is a member of the Huntington Court Methodist Church and a past member of the Odd Fellows and Woodmen of the World. Sports are his hobby—baseball, bowling, hunting and fishing. He has only missed one Salem Rebel baseball home game in the last two years. He bowls on the Service team in the company league, holding a 152.3 average, and plans to continue. After retirement he wants to do a lot of hunting and fishing, especially for trout and deep sea fish.

Mr. Shanks has two children, a foster daughter and three grandchildren.



Mr. Ferguson

Mr. McFarland



Mr. Smith

Pikeville Student Builds Scale Model Of Big Sandy For Display And Parade

A scale model of the Big Sandy plant, placed on a board measuring eight feet by eight feet, is helping Kentucky Power tell the story of its new power plant and the contributions it will make to Eastern Kentucky.

The model was in the Pikeville office and on the district's Christmas float during December, and will be shown in many other Kentucky Power offices during the next weeks.

The model was built primarily by John Cieraszynski, 21-year-old junior architectural student at Pikeville College, assisted by Professor Sam Dean of the College. Also helping him were these Pikeville employees: A. H. Jopp, William R. Dibert, Craig H. Fields and Guialene Smith.

Produced to scale in the model were the main building, cooling tower, conveyor system, coal stock pile, railroad siding with cars of coal and ground lights. Signs on the dis-

play point out that the plant will consume 2,000 tons of eastern Kentucky coal daily.

John Cieraszynski was born in Poland and escaped with his family from the Communists to Germany. Through the efforts of the Presbyterian Church, the family reached the United States in 1950. They now live on the Pikeville College farm in the Johns Creek area of Pike County, where Paul's father, Alex, manages the farm.

The parade float featured not only the model but also Glenn Whitt, collector, dressed as Reddy Kilowatt. Reddy was shoveling coal as the float moved along. More than 13,000 people viewed the parade.

A picture of the display accompanies a story about the plant's commercial operation date on page 1 of this issue.



Mr. Shanks