

He bids fair to grow  
wise who has discov-  
ered that he is not so.

—PUBLILUS SYRUS

# The Illun

It matters not what you  
are thought to be, but  
what you are.

—PUBLILUS SYRUS

Vol. XII, No. 11

KENTUCKY POWER COMPANY

APPALACHIAN POWER COMPANY

KINGSPORT UTILITIES, INC.

August 1961

## Abingdon Named First Project Decision Town



Well pleased with the announcement that Abingdon was chosen as the first Project Decision town are Dr. Scott Shaffer, president of the Washington County Industrial Foundation; R. E. Hodges, Appalachian vice president and general manager, and Robert Johnson, president, Washington County Chamber of Commerce. The picture was made at a luncheon at Abingdon when the announcement was made. (Bristol Herald-Courier photo.)

### New Program Described As 'Bold Approach To Industrial Development,' To Help Area

Abingdon has been selected as the first of Appalachian's Project Decision communities. The town is in Washington County in Southwest Virginia.

The program was described as "a bold, new approach to industrial development which, we believe, will help the area we serve" by R. E. Hodges, Appalachian vice president and general manager, at a luncheon in Abingdon July 12. Complete details of the program were made public for the first time at this luncheon.

Mr. Hodges said that Appalachian would invest \$200,000 to buy suitable land, put up a shell building, and landscape it, and then turn its efforts to finding a suitable industrial tenant to occupy it. It will be the first of a series of shell buildings to be erected all through Appalachian territory in communities that can qualify.

Actual construction will begin in the near future.

Abingdon was chosen as the site of the first building because it scored

highest among competing communities in questionnaires sent them by the company's Area Development Department. The preparation, completing, and evaluation of the questionnaires, all known by the code name of Project Decision, took more than six months. Abingdon's ranking, as determined by its answers to the comprehensive questionnaires, was further confirmed by on the spot evaluation by three impartial observers. The questionnaires covered 33 different aspects of each community, its way of life, and facilities.

#### Continuing Program

Mr. Hodges emphasized that Project Decision was a continuing program, and that other communities in Virginia and West Virginia would have the opportunity to participate in it. He said the program evolved because the area development department received 81 inquiries in 18 months about existing buildings. In spite of the obvious interest, these buildings are not available because "most communities are naturally reluctant to risk such a large invest-

ment on a purely speculative basis." Appalachian, in developing Project Decision, decided to assume this risk until an industrial tenant is found. At that time the local development organization will return Appalachian's investment and make its own arrangement with the tenant for lease or purchase. Appalachian, Mr. Hodges told the Abingdon audience, "will then take its money and build another building in another community." The Washington County Development Foundation has put in escrow an amount equivalent to Appalachian's investment.

#### Guide To Improvement

Mr. Hodges also discussed another advantage of Project Decision for the participating communities. "As a result of their own self-analysis through the questionnaires, we believe that these cities and towns have opened a way to self-improvement. We believe that many of them have found that they have some local conditions on which decisions will be made to better equip themselves for the race for new industry." He pledged that Appalachian "is willing and eager to advise and consult with all of the communities in our service area who are interested in improving their facilities.

"We must all continue our efforts; we must make community improvements, and we must work even more closely together if we are to enjoy  
(See Project Decision, Page 3)

## Clinch River Is Most Efficient Generator Of Power In World

A major breakthrough in the efficiency of electric power generation has been accomplished by Clinch River plant.

The 450,000 kilowatt steam-electric generating station is the first in the world to operate over a full year below the heat rate level of 9,000 British thermal units (Btu) per kilowatt-hour of electricity produced, according to a study of electric utility industry figures just available. Clinch River operated throughout the 12 months of 1960 at a heat rate of 8,975 Btu per kwh.

(A Btu is the standard unit for measuring the heat content of fuel—in this case, coal. It is the amount of heat energy needed to raise the temperature of one pound of water one degree F.)

Philip Sporn, president of AEP and our companies, said that Clinch River's achievement was the result of "the unending technological war to reduce losses in the conversion of energy, through heat, from coal to electricity."

For nearly 80 years, since Thomas A. Edison built the first generating station in New York City in 1882, producers of electric power have been steadily paring the number of Btu, and hence the amount of coal or other fuel, needed to generate a kilowatt-hour. In 1920, three pounds of coal were needed, on the average, to generate one kwh. By 1940, the aver-

age had dropped to 1-1/3 pounds; and, in 1960, the electric utility industry was getting one kwh from only 9/10 of a pound of coal. The Clinch River plant, on the other hand, produces a kwh from less than 7/10 of a pound.

The ultimate aim of this and other means of more efficient and economical generation—and transmission and distribution—of electricity is to hold down the cost of the product to the consumer, Mr. Sporn said. For example, he pointed out that reductions in heat rates in the AEP System's 15 major plants over the past 10 years had made possible a total saving in the cost of fuel of close to \$19-million in the single year of 1960.

It is such performance, he stated, that made possible the sale in 1960 of over 27-billion kwh to the 1.4-

million consumers on the AEP System at the lowest all-time average price of just over 1.2 cents per kwh.

He added that the constant search for greater generating efficiency led to the I&M's new 500,000 kw Breed plant in Indiana, which has operated at an unofficial heat rate of 8,807 Btu per kwh since going into commercial service in July 1960. The single-unit Breed plant and the new 500,000 kw unit at Philip Sporn  
(See Clinch River, Page 3)

### 35,000 Without Power

## Disastrous Flood In Charleston Kills 21, Leaves Heavy Damage In Its Wake

Twenty-one persons known dead, several still missing, \$5-million in property damage—this was the tragedy of Charleston in the wake of a cloudburst and flood the night of July 19.

The area has been declared a "disaster area" by President Kennedy, and Charleston Mayor John Shanklin termed it the "worst disaster in the city's history."

The flood came when 6 inches of rain fell in about 3 1/2 hours. The waters, presenting raging walls up to 12 feet high, roared down the valleys and rural areas into the city, sweeping away houses, streets, bridges and everything else in its path, including people. About half of the known dead were children.

Approximately 35,000 Appalachian customers were without power for various lengths of time. But Charleston crews, working around the clock, and aided by crews from Huntington, Beckley, Montgomery, St. Albans and two contractors, had restored virtually all power by early Friday morning. The last isolated customer had power restored Saturday night.

The latest count by the Red Cross shows this property damage: 138 homes destroyed; 1,374 homes se-

riously damaged; 1,500 persons left homeless; 4 small businesses destroyed and 25 damaged; one church destroyed; two farm buildings destroyed and two damaged; countless automobiles demolished. Practically everyone in the city was affected by

some property damage, including our employees. Some of them left heavily damaged homes to work long hours to restore power to the city.

The worst-hit area in the city was Elk Two Mile, which on July 24  
(See Charleston Flood, Page 3)



Two demolished cars, upended in Elk Two Mile Creek, mark a heavily hit area of the Charleston flood. The home was badly damaged—it belongs to R. W. Lacy, auto mechanic in the Charleston office, who is the center of the three men. The others are S. C. Morris, meterman, and Guilford Smith, administrative assistant. The home that can barely be seen behind Mr. Lacy's home was washed there from its foundation 40-50 feet away.

## Employee, Dealer Heating Campaigns To Be Repeated

A repeat of two of the most successful electric heat campaigns in Appalachian history has been announced by R. E. Hodges, vice president and general manager.

To run from August 15 through November 15, the two campaigns will be the Trade-In Program, in which Appalachian will cooperate with its Reddy Kilowatt Recommended Dealers, and the Employees' Home Heating Prospect Campaign. The enthusiasm and response to these campaigns the first time they were held has prompted their repeat, Mr. Hodges said.

They ran from February 1 through April 30, and resulted in the sales of 776 electric home heating jobs, 365 of them conversions from other heating systems to flameless electric heat. Of the 776 jobs, 289 of them resulted from 1,882 prospects turned in by employees.

In appealing to employees to continue the enthusiasm they generated in the first campaign, Mr. Hodges pointed out that all employees can play an important role in furthering the use of electric heat in the home. "Sales of electric heat are important in our business, and every employee should continue to do the vital job of promoting it and selling our customers on Living Better Electrically," he added.

He went on: "In this way we are enhancing the future of our company, and the future of the company determines to a large degree the future of each of us as employees."

### The Power Of Words

"Mend your speech a little, lest you may mar your fortunes." William Shakespeare cautioned in "King Lear."

He could have been talking to us and our dealings with our customers. For it is true that what we say, how we say it and what we don't say can win friends for electricity or drive customers away. Two true stories passed on to us by Appalachian's commercial department best illustrate Mr. Shakespeare's point, and the reason why our words are so important.

**CASE ONE.** Mr. \_\_\_\_\_ questioned the gas company about the amount of a particular month's bill. The gas company representative's answer was: "You can't get along without it."

The customer's reply: "Come and get the gas meter and we will see if we can."

The result was that Mr. \_\_\_\_\_'s apartment and two others converted to electric heat, and the apartment owner is planning a new four-apartment building, also to be heated electrically. This from six wrong words said in the wrong way.

**CASE TWO.** Mr. \_\_\_\_\_, planning a new home, got interested in electric heat after reading our newspaper advertisements. He called one of our offices to find out how much it would cost him to heat his home electrically, but the answer he got was: "I have no idea."

The customer later said that the statement was made in such a way that he resolved not to pursue it further, even though, after asking for someone to contact about costs, he was given a name to call.

The result: this customer, rather than call the company back, called his contractor and told him to go ahead and put in gas heat.

Someone once said that "a simple word has sometimes lost or won an empire." The moral of these stories is there for all of us. What we say, how we say it and what we don't say can be important to our company, and therefore to us.

### Reckoning

If you violate nature's laws, you are your own prosecuting attorney, judge, jury and hangman.

Nature says you must eat sanely, sleep soundly, care for your body, avoid anger, be industrious, sober and self-respecting, and if you flaunt her laws you just naturally walk right into the jail of indigestion, nervous prostration, ill health, worthlessness and failure.

There is no appealing the case and there is no alibi possible.

—LUTHER BURBANK

## The Illuminator

Published monthly for employees of Appalachian Power Company, Kentucky Power Company and Kingsport Utilities, Inc., and their families. Articles herein may be reproduced.

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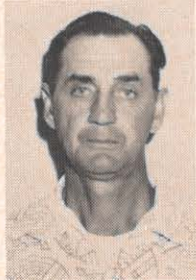


**JAMES R. MURDOCK, Station Man, Kingsport**

In my opinion the most valuable electrical appliance in our home is the electric heat. Throughout the many years that we have lived in Tennessee we have bought many new and modern electrical appliances for our home. Each of these appliances has made our home more beautiful and our everyday task easier to perform.

In 1960 we decided to make improvements on our home by building more rooms and adding more electrical appliances. One was the electrical heating system, which I think is the most valuable appliance that has ever been installed in our home.

I consider the electric heating system the most valuable because of the neatness, cleanliness, and the unique way the heat can be controlled to suit the change of temperature.



**PATSY E. BALL, Stenographer, Roanoke**

Having used some of the most old-fashioned types of appliances, I can appreciate more than a lot of people all electric appliances. Even more than the electric sewing machine, freezer, iron, mixer, and toaster, I value most the electric refrigerator and range.

The refrigerator because it is most necessary—where, in this day and time, would you buy ice regularly for an ice box, especially in the rural areas? Because it is so convenient, clean and dependable, I derive much pleasure from using the range to make an essential of life (eating) more interesting and appetizing as well as having the pleasure of making others happy with the concoctions I serve.



**JO SNYDER, General Clerk, Clendenin, Charleston District**

The first appliance this question brings to mind is the electric refrigerator because it

preserves food and protects the health of my family. However, since we have our water supply from a deep well, I don't know what we would do without our water pump. In fact, all of my electric appliances are important to me.

The appliance that I depend upon the most and gives the most satisfaction is my electric range. It gives freedom to enjoy outside activity in summer weather and still know that meals are being cooked at right temperatures in clock-controlled oven.



**MARY ANN SCHUERMAN, Stenographer, Roanoke**

Having just moved into a new all-electric home, it is hard for me to answer the question, "What electric appliance in your home do you value the most?"

I believe that I value my frost-proof refrigerator the most. I have always disliked to defrost a refrigerator more than any other housekeeping chore. Now I never have to worry about this. Other features which I like about my refrigerator include the frozen food compartment that holds a large quantity of frozen food, which helps in planning meals in advance and the shelves that slide out making it easy to clean.

All of these features help save time, which is at a premium for a girl who works and keeps house.

**DOUGLAS V. ROACH, Meterman, Bluefield**

The electric appliance that I value most is not an easy decision. When we stop to think they all become valuable. No one would want to do without a refrigerator or a range, or a dryer on a rainy day. Although I think the water heater does a bigger job—this silent servant does its job well with no attention and little cost.

The water heater makes possible the automatic washing machine which has eliminated more drudgery than any other appliance that I can call to mind.



### About Isms

If you want your father to take care of you, that's paternalism.

If you want your mother to take care of you, that's maternalism.

If you want Uncle Sam to take care of you, that's Socialism.

If you want a dictator to take care of you, that's Communism.

If you want to take care of yourself—that's Americanism!

## IN THE SPOTLIGHT



**R. L. HUFFMAN, Right of Way Agent, Pikeville**

The question which we have before us is a difficult one due to the many time and labor saving electric appliances available today. We really appreciate all of our appliances such as our water heater, which is fifteen years old without a service call, the automatic washer and clothes dryer, and the range. However, from the standpoint of health and convenience, we have been made to appreciate electric refrigeration most because, like most of the other electric appliances, it just stands by and does its work quietly without any help from anyone except old reliable "Reddy Kilowatt."

There is another one I really enjoy, especially during the cold winter months, the electric putting green. Aside from the enjoyment of this recreation, it helps me develop the putting stroke. Just putt the ball into the cup and it automatically returns the ball to you. Try it and see if it doesn't improve your game.



**BETTY F. FREEMAN, Clerk-Stenographer, Glen Lyn Plant**

When I stop to think about all the wonderful electrical appliances in our home, it is difficult to decide which appliances I value the most. However, I think my automatic washer and dryer would be my first choice, as it saves so much work and time. It is so convenient to be able to wash and dry clothes anytime you wish.

Our electric range is another of the important appliances in our home. Cooking on an electric range is fast and economical. Also, our refrigerator enables me to buy groceries once a week and still keep a variety of foods at home.

It is difficult to visualize what our home would be without these, and many other appliances, as they all give us more leisure time to enjoy life.

# Publicity On TVA Rate Reduction "Greatly Misleading," Sporn Says

Philip Sporn, president of American Electric Power Company, called "greatly misleading" the publicity given to the recent action by the Tennessee Valley Authority that is alleged to have reduced its rates to a purported "new national low."

The new rate schedule, called the "Norris Centennial Rate," was announced July 11 at a ceremony in the White House observing the 100th anniversary of the birth of the late Senator George W. Norris of Nebraska, one of the authors of the 1933 act that established TVA.

According to TVA, the new rate is designed to provide savings to customers using more than 250 kilowatthours of electricity a month. As an example, the Authority said, a home or farm using 500 kwh a month would pay \$4.50, against \$5.10 a month under the previous schedule. For commercial users, such as stores and small office buildings, the new rate, TVA said, would mean a reduction of about 8%.

Mr. Sporn, in a statement issued to the *New York Times* and to other news media, said the publicity given to the recent rate action of TVA "seems greatly misleading."

He noted that TVA, which sells wholesale power to 153 local distributors, had not changed its wholesale rate, but had "simply permitted a fourth rate schedule to be added to the three previous schedules fixed by TVA, which the distributors are permitted to establish for their retail customers."

"The number of TVA distributors which can adopt the new rate is highly conjectural," he said.

"If past history is to be invoked as a criterion," he said, "it is significant that, at the end of the 1960 fiscal year (according to the TVA annual report), only 31 local distributors had adopted the lowest of the three then-existing rates, while 44 were using the intermediate rate. The majority of the distributors, the other 78, were selling electricity at the highest of the three rates. Now, with the new fourth rate in effect, only two distributors have so far been able to adopt it."

He pointed out that while the difference between the new TVA rate and its former lowest rate ranges from about 3% to 13%, with the latter figure applying only to a very few customers, American Electric Power, in several parts of its System, has put into effect rate reductions up to 20% in one case.

For example, a recent rate reduction by Ohio Power Company, applying to all-electric homes, would result in a saving of \$15 per year for the average consumer in this category—i.e., one using 1,750 kwh per month. On the other hand, application of the new TVA rate to the same customer would result in a saving of only \$4.32 per year.

He stressed that these reductions on the AEP System "have been made in the face of very much higher tax costs." Calling TVA "a heavily subsidized operation," Mr. Sporn brought attention to the fact that in 1960, TVA and its distributors, with sales of 59.3-billion kwh, paid taxes or made provision for payments in lieu of taxes amounting to only \$16.3-million.

"During calendar 1960, the American Electric Power System, by contrast, with sales of only 27.2-billion kwh, provided \$77.8-million for taxes. Thus, the AEP System provided almost five times as much for taxes on electric power sales that were less than half those of TVA," Mr. Sporn stated.

"In addition," he said, "TVA has been provided with vast amounts of free capital by the U. S. Government, as well as with other government subsidies."

"News reports that speak of TVA rates as 'yardstick rates' for comparison with rates of investor-owned utilities cannot help but be misleading," he noted. He said that TVA officials over the years have frankly and publicly recognized that TVA could not serve as a yardstick for any investor-owned utility operation.

"This is not to say that TVA rates could not become a 'yardstick.' All TVA would have to do to achieve this would be to operate like all investor-owned utilities: with privately supplied capital obtained at going market rates and without tax immunity or other subsidies," he declared.

## System Post Goes To Fore; Allinder Also Is Promoted



Mr. Fore Mr. Allinder

Two men at Kanawha River plant have been promoted to new posts.

John W. Fore, stores supervisor at the plant, has been named system stores and purchasing assistant in Roanoke, and will assist U. K. Vaught, system purchasing agent for Appalachian.

C. E. Allinder, plant office supervisor, rises to the new position of plant office and stores supervisor at Kanawha River.

Mr. Fore went to Kanawha River as stores supervisor March 15, 1951, after 10 years as a laborer and storeroom attendant at Ohio Power's Windsor plant. A native of Reedy, W. Va., he served in the Navy from 1942 to 1945. He is married and has two children.

Mr. Allinder is a native of Point Pleasant, and joined the company as a storeroom clerk at Charleston July 19, 1938. In 1948 he became a clerk at Cabin Creek plant, and a year later was named assistant stores supervisor. He became plant office supervisor at Kanawha River in 1952.

A 1954 business administration graduate of Morris Harvey College, he served in the Air Force from 1941 to 1946 and now holds the rank of captain in the Reserve. He is married and has two children.

## Project Decision . . .

(Continued from Page 1)

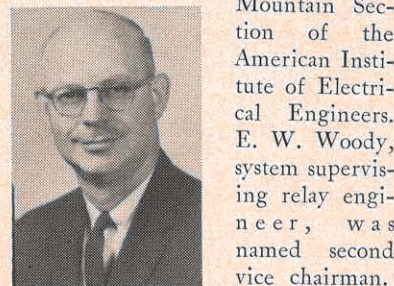
the growth and development that is on the horizon," he said.

Abingdon's desirability to industry, as revealed by its questionnaire, was strengthened by a number of factors. Prominent among them was its school system, including the Washington County Technical School, the presence of the Barter Theater, notable recreational facilities, excellent transportation service, good living conditions and ample financial encouragement for industrial construction.

The judges who examined several of the top-ranking communities as part of the evaluation were E. N. Pope, vice president, Carolina Power & Light, Raleigh, N. C.; Harold M. Miller, executive director, Tennessee State Planning Commission, Nashville, Tenn.; and Robert Y. Adams, community development consultant, American Electric Power Service Corporation, Fort Wayne, Ind.

## AIEE Group Honors Appalachian Men

J. W. Kepner, assistant superintendent of system operations, has been elected chairman of the Virginia Mountain Section of the American Institute of Electrical Engineers.



Mr. Kepner

Mr. Kepner moves up from first vice chairman. The AIEE Section covers the western portion of Virginia, and sponsors student sections at VMI and VPI. The aim of the group is to exchange technical information in the field of electrical engineering, to educate successors in the field, and to uphold the profession of the electrical engineer.

## V-Tower Contract Awarded Kaiser; ACF To Fabricate

A contract for 420 new type aluminum towers to be used on the Kanawha River plant-Cloverdale 345,000-volt line has been awarded to the Kaiser Aluminum & Chemical Corporation.

Some of the aluminum for the towers will be produced in Kaiser's Ravenswood, W. Va., plant, and they will be fabricated by the ACF Industries, Inc., at its Huntington plant. Other Kaiser plants in Newark, Ohio, and Halethorpe, Md., will also produce the aluminum parts.

The design of the towers is a unique one. They will be V-shaped, will require only a single foundation, and be gayed by four wire anchors. This is the first time such towers will be used for a super high-voltage line.

Fabrication of the towers will take four to six months. ACF officials in Huntington said that the work there would increase employment at the plant by about 25 men for this period.

The new line, designed and engineered by the AEP Service Corporation, will cover 122 miles from the Kanawha River plant to Cloverdale.

## Clinch River . . .

(Continued from Page 1)

plant are expected to operate at even greater efficiencies in the future. And an even larger, 580,000 kw unit slated for completion in 1964 at the Tanners Creek plant in Indiana is expected to be, in turn, even more efficient than its predecessors.

Clinch River, which in 1960 was one of eight AEP-designed steam-electric plants that had operated at heat rates below 9,400 Btu, began its commercial service in late 1958 with two 225,000 kw generating units. Construction is nearing an end on a third unit of the same size that will boost the plant's total capacity to 675,000 kw.



TOP: The force of the flood waters was such that it took away this entire section of Kanawha Boulevard just opposite Greystone Motel. Guests stranded at the motel said it resembled Niagara Falls for awhile. The road is now held to limited use until repairs can be made. BOTTOM: These employees directed company crews in their work from the North Charleston service center. When this picture was taken it was 2 p.m. and these men had been working since the night before. They are from left: Bill Bostic, Ed Braid, Bob Isner, Glenn Cook and George Unangst.

## Charleston Flood Tragedy . . .

(Continued from Page 1)

was declared a health and safety hazard and strictly quarantined by executive order of the state health director. This is where the final power restoration work was done by our crews, after they were able to get into the area Friday afternoon.

To combat the flood, to restore some sort of order, to protect people against health hazards that accompany a flood, and to begin rescue and search operations, help arrived from all over the state. The National Guard was called into duty, water to drink was brought in from Beckley, emergency centers to administer typhoid shots were set up, mobile units and rescue teams came from Kentucky. The entire area mobilized to either help themselves and their neighbors, or if they had been among the lucky ones to emerge practically unscathed, to help others.

Playing a part in the rescue operations was a band of 35 persons, operating small transmitters in critical areas. Directing this communications work was Frances Johnson, wife of Charlie Johnson, pre-audit clerk, who established a communications center at their home. Meanwhile Charlie drove an ambulance for 24 consecutive hours.

Many stories emerged from the flood. One of our crews responded to a call from a woman in Beckley, who telephoned the company in Charleston. Her children were visiting relatives at Two Mile Creek, and could we find out how they were? The crew went, found the children safe, although the home was destroyed, and called the woman back.

Jack Wilkerson's crew found a house that had slipped over a bank and was entangled in utility wires. They cut the wires, freeing the people in the house.

Fortunately, no Appalachian employee lost his life in the flood. Two of the drowning victims were Mrs. Helen Givens and her niece, 8-year-old Sherry Lynn Givens. Sherry's father, Shirley, is a former employee, and his brother, Ronald, and uncle, John S., are Charleston employees.

The digging out and cleaning up has started, and the rebuilding will follow soon. It won't be too long before the spirit of the people of Charleston will bring the city back to some semblance of normalcy. But they will never forget the tragedy of July 19.

## Eyewitness: 'Indescribable'

Guilford Smith and Christine Mitchell of the Charleston office gathered facts and took pictures for THE ILLUMINATOR coverage of the flood. Attached to their story was the following note from Christine.

"The scene is of such devastation that it is indescribable, for you don't believe it, even as you view the twisted wreckage and the pitiful sight of the rescue workers who, as this is being written, are still digging through piles of debris, searching for the bodies of the missing.

"As stricken families make funeral arrangements, others, luckier, turn wearily to the task of trying to dig out of the slimy mud in and around their homes. Everybody wears the same dazed expression—'Where do you start?' Up and down the streets and hollows people dig through rubble, searching for their belongings.

"Snakes are a hazard, of course, and busy parents are trying helplessly to keep their youngsters from wading in the mud and creeks, where in some places the current is still swift, and rubble—no telling what—lies on the stream beds.

"But children seem to take things as a matter of fact. As we left Garrison Avenue, one little girl, about 13, asked, 'Did you get a lot of good shots?'

"We answered, almost simultaneously, 'We got some shots, honey, but none of them were good.'"



**Williamson**

Congratulations to C. R. Wilson, Jr., division power sales engineer, who has received the Town and Country Scholarship to Philmont Scout Ranch near Cimarron, N. M. The scholarship is presented by Sears Roebuck and Company, and will enable Mr. Wilson to attend the explorers' conference during the first part of August. He is Explorer Advisor for Post 345 . . . Mrs. Naomi Cantees, contract clerk, is the new treasurer of the Hardy PTA . . . Mrs. Lorraine Corea, secretarial stenographer, will head the Williamson High School Band Parents Association ways and means committee.

**Huntington**

Welcome to John M. Kauffman, Jr., new electrical engineer . . . J. H. Blanchard has resigned as electrical engineer . . . Mrs. A. C. Mirtz, wife of the T&D clerk, was elected recording secretary of the Altrusa Club.



**Hazard**

Janet Campbell has joined the company as a home service representative . . . Fred M. Skaggs, truck driver-groundman, has been named vice president of the M. C. Napier High School.

**Ashland**

Jarrett M. Wood, who recently transferred to Ashland as general heating sales supervisor from Pikeville, was honored by the Pikeville Rotary Club. He was presented the International Star Rotarian plaque, engraved "Jarrett, Mr. Service Above Self, President 1955-56." The club motto is "Service Above Self" . . . The Rotary Club at Louisa has elected Joe W. Pigg, area sales representative, as a member of its board . . . Mrs. Nancy Kise Hearne, a June graduate of Peabody College, is a new home service representative . . . Everett Edward Vanover, engineering record clerk, was elected treasurer of the South Ashland Lions Club.

**Pikeville**

Welcome to two new employees: William R. Dibert, power sales engineer, and Frances R. Jemley, accounting.

**Galax Lions Name Bennington To Lead**

Fred M. Bennington has been installed as president of the Galax Lions Club. He is Pulaski heating and builder sales representative.



Mr. Bennington

A club member for 19 years, he has had perfect attendance for 18. He is also deputy district governor for Region I, District 24F. He is also a member of the official board of the Galax First Methodist Church, a Scottish Rite Mason, a Shriner, co-chairman of the Jr. College promotional committee and a member of the State Chamber of Commerce. He is the father of three sons.



**Pulaski**

Three elections marked news from the district . . . S. L. Johnson, district engineer, was elected third vice president of the Pulaski Lions Club . . . Paul L. Sowers, Hillsville lineman, was named second vice president of the Hillsville Lions Club . . . I. K. Stoots, T&D clerk, has been elected secretary of the Pulaski Civitan Club.

**Bluefield**

Civic work concerned employees . . . Mary Ruth Chambers, system secretarial-stenographer, was elected a director of the Bluefield chapter of National Secretaries Association (International) . . . Bertha M. Hall, utility clerk in Princeton, attended the International Quota convention in St. Louis . . . L. W. Robinette, division power sales engineer, has been elected a committeeman on the executive board of the Riley-Vest American Legion Post.

**Glen Lyn Plant**

Two summer students, both studying electrical engineering, made straight A's the second semester at their schools. Jimmy D. Keatley goes to West Virginia University, and Melvin McNeer was second in his class at West Virginia Tech . . . S. K. Pennington, test engineer, has returned to the plant after a four-month assignment at the New York office . . . Mrs. Jenny G. Thwaites has resigned.

**Clinch River Plant**

Welcome to Larry K. Bausell and George W. Doak, new laborers . . . H. Freeman Roush, yard foreman, and Gordon W. Underwood, test engineer, have been named first vice president and lion tamer, respectively, of the Cleveland Lions Club . . . Bobby Campbell, timekeeper with the construction department, was elected secretary of the same club.

**Welch**

The wife and daughter of F. B. Barns, line supervisor, received recent honors. Mrs. Barns was named vice president of the Coal Valley Garden Club, and his daughter, Ruth, was selected the outstanding girl at Girls' State . . . Nell Nunery, secretarial stenographer, was elected secretary of the Coal Valley Garden Club . . . Four were honored by Eastern Star . . . Mrs. L. H. Myers, wife of the area supervisor, was installed as worthy matron of the Welch chapter . . . Helen P. Vermillion, PBX operator, and Mrs. H. H. Bivens, wife of the storeroom supervisor, were appointed Electa and Esther, respectively . . . Dorothy W. Lawless, stenographer, was appointed deputy instructor of district 3 . . . Onsbie S. Yates is a new clerk-typist in the Grundy office, where Wyatt Ratliff has resigned as meter reader . . . David L. Kendrick, Jr., commercial sales representative, has been elected treasurer of the Grundy Rotary Club and re-elected to its board . . . Price L. Carter, system trans-

mission line superintendent, was principal speaker at the Welch Kiwanis Club Vocational Night, showing slides and speaking on working power lines hot with bare hands and constructing transmission lines with the aid of a helicopter.

**Abingdon**

J. E. Fleenor, customer service representative, was recently named director of the Abingdon Civitan Club.



**Philip Sporn Plant**

Jerry, son of R. H. Lawson, resident engineer, was a delegate to the Key Club national convention in Philadelphia.

**Point Pleasant**

C. H. Murray, Jr., line inspector, was elected to the Point Pleasant town council and appointed by the mayor to be in charge of automotive equipment . . . Welcome to Susan Jones, new home service representative . . . Wives of two employees were honored recently . . . Mrs. C. A. Burdette, wife of the stores supervisor, was re-elected treasurer of Leon, W. Va. . . Mrs. W. C. Gilmour, wife of the administrative assistant, represented the Point Pleasant chapter of Lambda Chi Omega sorority at the national convention in Fort Wayne. Mr. Gilmour accompanied her . . . Bessie J. Rhodes, engineering clerk-stenographer, has resigned . . . H. E. Rhodes, Jr., electrical engineering co-op student, has returned to his studies at the University of Cincinnati.

**Kanawha River Plant**

J. A. Bennett has been re-elected secretary of the East Bank Lions Club.

**Beckley**

B. H. White III, son of the district office supervisor, has graduated from Concord College in Athens and accepted employment in Baltimore.

**Lions Club Elects Roanoker President**

F. E. Bowman has been elected president of the Williamson Road Lions Club. He is Roanoke division service coordinator.



Mr. Bowman

A member of the club since 1954, he was treasurer for two years. He joined the company in 1925 as a plant clerk and went to his present position in 1960. He is chairman of the board of trustees at the Williamson Road Church of the Brethren and on the board for the First District of the church. He is married and has two children.

**Charleston**

Honors made news during recent weeks . . . Brenda, daughter of James Crane, was the winner in the East States Division of the Nitro "Clean-Up, Paint-Up, Fix-Up" contest . . . His roses won 8 ribbons for C. W. Lovell, assistant division manager, during the 38th annual rose show . . . Hobart Ballengee was presented luggage by fellow employees on his retirement . . . R. W. Palmer, station foreman, has completed a course in industrial correspondence . . . J. R. McGinnis, Montgomery area supervisor, has been elected third vice president of the Montgomery Lions Club . . . Pat Cummings, meter, and Jo Ann Jarrett, engineering, have resigned.



**System**

B. A. Wingo, system accounting, has resigned . . . The new Little Miss Delmarva of the 14th annual Chicken Festival, held in a region made up of parts of Delaware, Maryland and Virginia, is Cynthia Lee Kiser, granddaughter of A. R. Kiser, electric plant accounting supervisor. She received a crown, a trophy and a \$100 savings bond.

**Lynchburg**

Congratulations to Mr. and Mrs. James E. Howard on their 20th wedding anniversary July 5. He is in the T&D section . . . Herbert M. Figg, Jr., heating and builder sales representative, has been elected, for the third consecutive year, as commander of Lynchburg American Legion Post 16. He was also elected first vice commander of the Sixth Congressional District of the American Legion of Virginia . . . Loyd T. Smith, administrative assistant, has been appointed membership chairman of the Lynchburg Advertising and Sales Club.

**Smith Mountain**

Welcome to new employees James C. McHone, material clerk; Calvin L. Hammack, timekeeper, and Alycene English, clerk.

**Fieldale**

Mac Romero was installed as first vice president and B. C. Harlowe as third vice president of the Fieldale Lions Club. Mr. Romero is the husband of Betty Romero, T&D, and Mr. Harlowe is a lineman . . . Max Harlowe, management major at National Business College in Roanoke, has been elected vice president of the Student Council for the first quarter. He is the son of Audrey Harlowe, managerial.



Jimmy, son of Keene White, administrative assistant, spent three weeks at the Philmont Boy Scout Ranch in New Mexico.

**Many Talents And Common Interests Feature Mother, Daughter Activities**



Ellen Hardy, left, is an accomplished pianist, and her mother, Mrs. Sybil Hardy, is an expert at needlepoint work. These are just two of the many talents of the pair. The needlepoint of the mallard ducks above Mrs. Hardy won her a blue ribbon at the Buchanan County Fair last year.

Talent in many directions and a common interest in a number of things have made Mrs. Sybil Hardy and her daughter Ellen quite a team.

They are the family of Alonza Hardy, Jr., Grundy meter serviceman in the Welch district.

To begin with, Mrs. Hardy is a 4-H counsellor and her daughter a 4-H member. Because of her talents, Mrs. Hardy helps with most of the 4-H crafts. She is an expert at needlepoint work and she enjoys weaving bottoms for chairs and

stools, glass etching, knitting, Tole pointing, mosaic tile work, hooking rugs and dressmaking.

Ellen has an interest in these crafts, too, and in addition has won several honors as a pianist. Her cookie and bread baking have also been recognized several times at 4-H camp.

The two have just returned from the Southwest Virginia 4-H Center at Abingdon, where Mrs. Hardy, as counsellor, and Ellen, as a camper, spent a week.

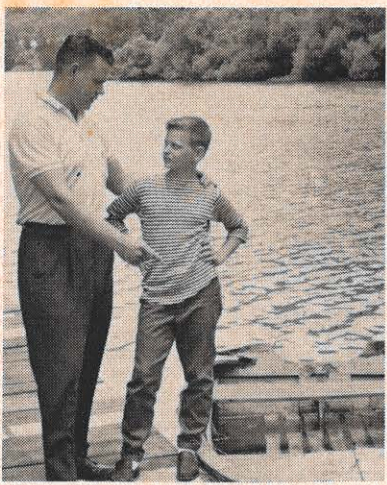
## Employee Saves Boys From Drowning By "A Feeling" And His Quick Action

Two boys are alive today because Bill Reese had a notion that things weren't going right.

Mr. Reese, Kanawha River plant equipment operator, was watching his two sons fish in the Kanawha River. Downstream about a city block distance, he noticed two other boys, one swimming across the river to an island near the middle, and the other still on the bank.

The boy in the river was urging the other to come along, that he would meet him in the middle. Without knowing just why, Mr. Reese became concerned and started to run to the scene, which happened to be close to his brother's home, where there was a boat.

And then, things began to happen. In passing through a yard on his way, he was attacked by a group of vicious dogs. He fought them off and got



Bill Reese explains to Donnie Kees, whom he saved from drowning, that Red Cross water safety rules call for a boat for river swimming.

to his brother's house to find that his fears were well-founded: the two swimmers were struggling together in deep water. Mr. Reese's brother had been locked in his basement by his son playing a practical joke; when he finally got out by a window, the two men ran to the boat. Mr. Reese recalls that it seemed to be an hour before they could get the boat untied and into the river. When they finally did, they discovered they had only half of an oar. Roy Reese did the best he could with it, and Bill Reese managed to pull the two boys aboard, dazed and shocked.

They were alive because Bill Reese had a feeling.

## Pikeville Lions Tap Employee As Leader

Craig H. Fields has been elected president of the Pikeville Lions Club. He is residential sales advisor.



Mr. Fields

A member for 20 years of the Lions, he joined in Hazard in 1941. This is his second time as president—the first was in 1951. He also has served as zone chairman for two years.

An ordained elder of the First Christian Church, he is deacon and treasurer. He is treasurer of the Pike County 4-H Council, is married and has a daughter.

## Welch Employee Joins Turtle Club



J. B. Rhudy displays the symbols of his new membership in the Turtle Club. He is the first district employee to become a member of the club.

J. B. Rhudy, meterman, became the first Turtle Club member in the Welch district recently when his hard hat saved him from possible injury.

The incident occurred March 15, when he was installing a primary metering job in Buchanan County. A tool was accidentally dropped from the top of the pole and landed squarely on the hat, and, as examination later showed, left two scars across it. In spite of the hat, the jolt caused by a one-pound tool falling 25 feet was a considerable one, and Mr. Rhudy nursed a sore head for two or three days. However, no lost time was involved.

A Turtle Club hat, certificate and symbol were presented to Mr. Rhudy by the district manager, C. K. Kirkland.

## USAF Promotes Graham To Major

Andrew L. Graham, Jr., of Pulaski has been promoted from captain to major in the Air Force Reserve.

The division commercial sales engineer is air installations officer for the 9209th Air Reserve Recovery Squadron of Roanoke. During World War II he served as bombardier with the Army Air Force in the European Theatre and was a prisoner of war for 30 months.

He joined the company in 1948 and went to his present post in 1959. A graduate of VPI, he is an active member of Woman's Memorial Lutheran Church in Pulaski.



Mr. Graham

## An Unsafe Act, Cat Got Racked

Animals and our facilities don't always get along together. C. E. Dangerfield, Pocahontas meter serviceman in the Welch district, brought this out in a poetic story of a recent case of trouble in the Berwind area. His story:

"Story goes that dog and cat / Got into an awful spat, / Dog and cat went round and round / Cat climbed pole, dog stayed on ground. / Cat kept climbing, pole was high / Then the fur began to fly. / Line was hot, and cat was cooked, / Old Tom had leaped before he looked. / Cat was stubborn as a mule, / Wouldn't heed the Safety Rule. / He never would have blown the fuse / If he had worn his rubber overshoes."

## Roanoker Navy Guest For Week-Long Cruise On Flagship

Lunch with the admiral and a helicopter flight were among the highlights of a cruise aboard the U. S. S. Northampton by J. G. Harvey, Roanoke division personnel supervisor, recently. He was one of a group of nine civilians invited on the week-long cruise.

After leaving Norfolk, the Northampton, flagship of the U. S. Second Fleet, headed south and maneuvered off Bermuda and Georgia before putting about for New York, where the civilians ended their Navy visit.

The helicopter flight was off the ship's deck, an event that ranked with a ride on the high line as the most memorable of the trip, according to Mr. Harvey. The Northampton was refueled while at sea, and Mr. Harvey rode the high line—a cable with a bucket seat—from his ship to the tanker. He had coffee with the captain before returning to the Northampton via the same method. During the cruise he also observed how rockets fired from the ship destroyed drone targets flying above, and inspected the elaborate communications system that makes the Northampton the nerve center of naval operations in the Atlantic.

Fully air conditioned, the Northampton carries a complement of 1200 enlisted men and 200 officers.

## State Church Post Goes To Roanoker

Mary Jane Goad has been chosen chairman of Christian Witness of the Methodist Youth Fellowship in Virginia. She will be working with 50,000 fellowship members in 1,200 churches.

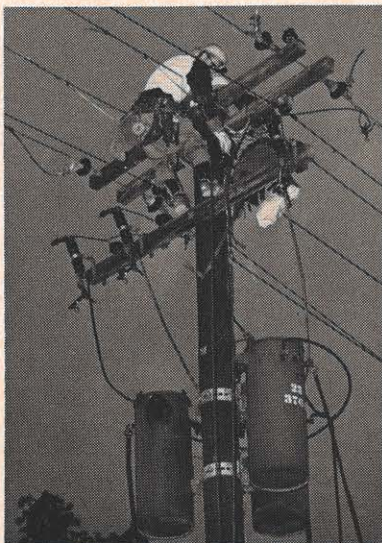
The daughter of T. E. Goad, Roanoke meter serviceman, she was president of the Trinity Methodist MYF last year. She was among the top seniors of the 1960 graduating class of Cave Spring High School and received the Citizenship Award.

She is now studying nursing at the Medical College of Virginia.

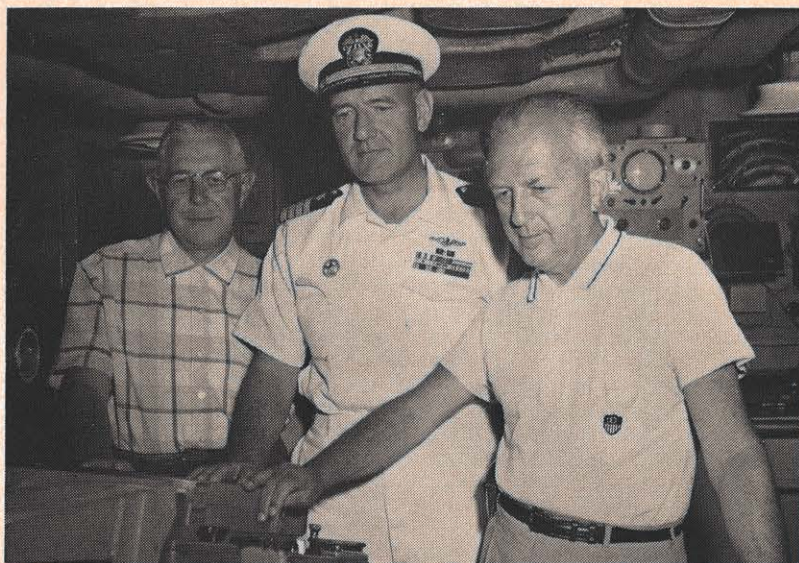


Miss Goad

## Dawn Light



Outlined against the gray skies of dawn, two Hazard men make one of the changeovers in the recent revamping of the town's distribution system. Hershel Adams and Earnest Pennington were two members of six crews that took part in the planned outage. Customers were forewarned that power would be off "to improve service in our city", but as much work as possible was done before outage time. It came at 5 a.m. one Sunday, and lasted for 45 minutes. The only inconvenience the company has heard about were a few churchgoers who were late because their clocks were slow.



J. G. Harvey, right, watches a radar tracking of a submarine aboard the U. S. S. Northampton in the course of his week-long cruise aboard the fleet flagship. He was one of nine civilians invited on the trip. With him are A. M. Krebs, vice president and general manager of the Roanoke Coca-Cola Bottling Works, and Captain Slade D. Cutter, skipper of the Northampton. Official U. S. Navy photo.

## John Hale, 66, Dies After Illness

John Hale, 66, died July 10 in Catlettsburg, Ky., after an extended illness. Mr. Hale retired from the Huntington district in 1951 after 42 years of service, spent mostly in Kenova plant.

He joined the company in 1909, and worked as operator, watch engineer, turbine room man and turbine operator. He retired due to ill health.

A resident of Catlettsburg for 40 years, he was a member of the West Catlettsburg Methodist Church.

Mr. Hale is survived by his widow, two sons, four daughters, two brothers, three sisters and seven grandchildren.

## AEP's F. V. Austin Heads CD Activities

F. V. Austin, Jr., head of the coordination and budget division of the AEP Service Corporation, has been appointed to study the problems involved in safeguarding the vital, seven-state AEP System, its employees and its ability to function under enemy attack.

In announcing Mr. Austin's new Civil Defense duties, Philip Sporn, president, said, "These are responsibilities we cannot shirk. Nor can we much longer postpone with impunity the development of systems and procedures to effect such a program."

## Driver Improvement Training Program Given To Beckley District Employees

Driving habits of Beckley employees should improve as a result of a series of tests being given by the district.

John Gates, administrative assistant, and one of the three instructors, said of the purpose of the program "We are not trying to teach the mechanics of driving. We are simply working to iron out the bad habits all drivers pick up over a period of years." Working with him are C. R. S. Garten, assistant district office supervisor, and H. K. Evans, head T&D clerk.

Seventy district employees have already been tested, and 20 more in Rainelle and Oak Hill will be given the test soon.

The testing program is divided into three parts. The first is a written examination, the second puts the employee in front of a number of machines which test vision and reflexes.

Finally the employee is given a road test with an instructor. This

## Recent Graduate Studies In France

Rosemary Lea Walker, daughter of Mrs. Rebecca Walker and the late Lawrence W. Walker, sailed last month for Europe and a summer of graduate study in France. She is studying French at the University of Besancon, and will return late in August. Miss Walker will teach French in the Mount Lebanon schools near Pittsburgh during the coming school year.

She graduated from West Virginia University in June, majoring in French.

Mr. Walker was administrative assistant at Cabin Creek plant before his death.

## Kingsport Second In Safety Contest

The Marion-Muncie division of Indiana & Michigan Electric Company took over first place from Kingsport at the six-month mark of the AEP System annual division safety contest.

The division has amassed 1,606,932 manhours without a disabling injury. Kingsport, in second, has 1,482,255 manhours.

Among others in the top ten are Kentucky Power, fifth; Clinch River plant, sixth; and Charleston division, seventh.



Carol Turner, home service representative, undergoes a vision test as part of the Beckley district driver improvement program. John Gates, one of the instructors, is at the left, and Tom Allen, electrical engineer, watches.

part includes grading on turning, backing, parking, use of controls and general driver attitude toward driving and other cars.

# The Trusty Transformer — An Autobiography

## Unheralded, This Equipment Invaluable In Our Service

(Editor's Note: The transformer which tells the following story credits members of Huntington's engineering section with invaluable writing aid.)

I am a distribution transformer. I am one of 11,422 such transformers in the Huntington district and one of 140,603 in the Appalachian system.

I am an innocent-looking tank often referred to by linemen as a "can" or "pot". I am usually fastened to poles and connected to electric lines. I am generally considered the most important single type of equipment in the entire process of distributing power from the generator to the actual user.

Here is my story.

The first inkling I had of myself was in the summer of 1831 when an English chemist, Michael Faraday, was tinkering around for the fifth time in ten years trying to discover a means of magnetoelectric generation. He took a soft iron ring and wound a coil of copper wire on one side and a second coil on the other. He placed a magnetic needle a short distance from the ring and connected it to the first coil; a battery was connected to the second coil. At the instant of connection the magnetic needle moved and came to rest; when the connection was broken the motion was repeated in the opposite direction.

### My Birth

This principle of electromagnetic induction is the thing that makes me tick. Many years passed with many great minds toying with this idea, but my birth was a rather slow process. It was not until 1833, 52 years after my conception, that I finally emerged into the world.

My delivery was made by Lucien Goulard, a Frenchman, and John Dixon Gibbs, an Englishman. Even then I came upon the scene known as an induction coil with my primaries all mixed up and connected



J. R. Hughes, stationman, removes the core and coils from an old transformer for inspection, cleaning and reconditioning in the Johnsons Lane repair shop.

in series. My birth was established, nevertheless, when the two men patented me.

In 1885 George Westinghouse secured an option for my birthright and in 1886 purchased my birthright and brought me to the United States. He turned me over to William Stanley, a young inventor who worked for Mr. Westinghouse, with orders to take me apart and put me back together again in a better manner. I also learned that they were trying to develop a new system called an Alternating Current System and that I was to go to work doing things that had never been done before.

Mr. Stanley arranged my coils and connected me in parallel and then hooked me up to a constant voltage supply. Originally I was assembled around a core made of iron wires. Mr. Stanley threw away the iron wires and used sheet iron punchings in the form of I's and H's, and reassembled me with a stronger magnetic core.

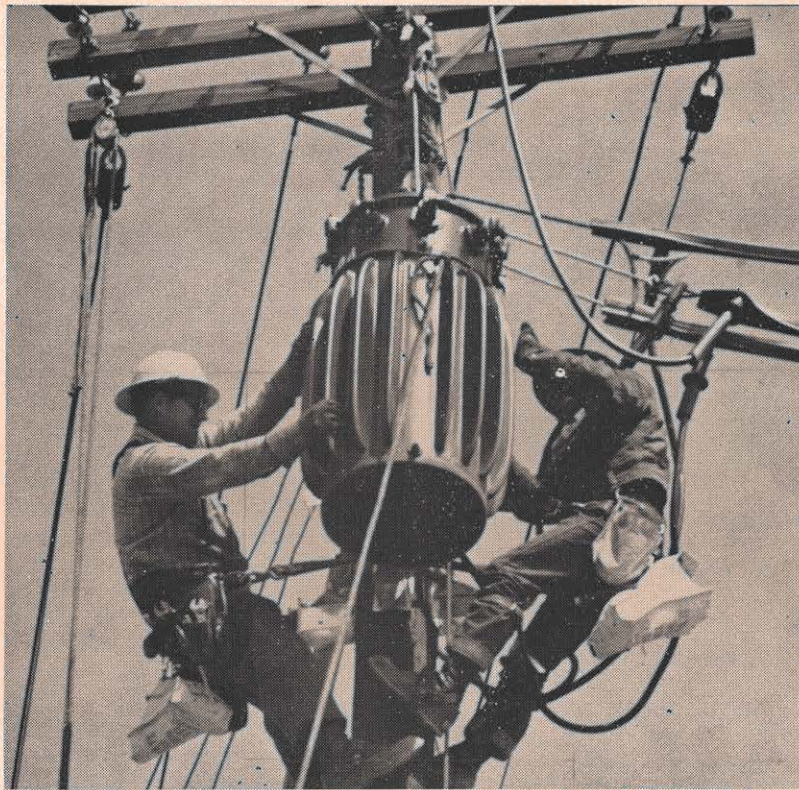
### AC Arrives

In March of 1886 Mr. Stanley had constructed the first Alternating Current System and operated it from a 500-volt generator over a 4,000-foot electric line. And where do you think they put me to work? Well, I was at the end of the line taking the 500 volts AC from the line and changing it to 100 volts to make a light shine in a home.

Even though I was only two years old I was causing quite a sensation throughout the land. People were busy building new plants to put me to work in different ways never dreamed of before. The first Alternating Current plant was built in Buffalo, N. Y. by Mr. Westinghouse. I went on the line November 30, 1886, connected to 133-cycle generators at 1,000 volts. I was on my way.

### What Makes Me Tick?

What am I? What is my make-up? I am made up of a hollow iron core in the shape of a square and two coils of wire. My primary coil is wound around one end of my core and my secondary coil is wound around the other. In general, my



Hoisting a transformer up the pole into place are D. W. Ritchie and E. C. Hughes, Jr., Huntington linemen.

primary coil is connected to a voltage source, such as a generator. My secondary coil is connected to the circuit to which the electricity is to be transferred. As the alternating current goes through my primary coil it excites me and sets up a magnetic field, much the same as though I were a magnet. This magnetic field is made up of lines of force which change in number and direction. As these lines of force cut through the turns of my secondary coil they set up an alternating current. This is known as the "induced current" and its voltage as the "induced voltage."

If the number of turns in my primary and secondary coils are equal, then the induced voltage will be equal to the primary voltage. If my secondary coil has more turns than the primary, then the induced voltage will be increased. If my secondary coil has less turns than the primary, the induced voltage will be decreased. In other words, I can control my secondary voltage in a direct proportion to the ratio of number of turns on my primary and secondary coils.

### My Job

That leads me to my function—what I do that plays such an important role in the distribution of electricity.

Basically, I am a voltage changer. I can step up low voltage at the generating stations to high voltages for economic transmission, and at the end of transmission lines step down the high voltage to low voltages for use in homes, business, industries. And while I'm changing voltages I transmit practically all the energy I receive, using very little myself be-

cause of my high efficiency.

There's no doubt—I am efficient, if I'm the proper size to handle the load I am assigned to serve. I use up a little energy in my iron core, which I call iron losses, and I also use a small amount of energy because of the current going through my copper wire coils. This is called copper loss. This small amount of energy I keep shows up in the form of heat. Overall, though, I can still show a proud 97 percent efficiency.

### Depend On Me

My dependability is beyond question. I may be small but I'm just about the most dependable piece of equipment you can find around the system. Many of us are 25 or 30 years old and still in active service. But we have many enemies bent on destroying us. For example, we are exposed constantly to rain and wind, heat and cold, rust and corrosive atmosphere. We are continually threatened by overloads, short circuits and lightning. But 24 hours a day, 365 days a year, year after year, we go on, faithfully performing our duties.

My location, determined by electrical engineers, has much to do with my dependability. These engineers must consider many factors in determining where I'll do my best job—the load I must serve, the voltage loss I'm permitted, future load growth I may be called on to handle, what voltage I must possess and how many of me are required.

### If Illness Strikes

Sometimes, however, I may become overloaded; that is, I may have to supply more current or energy

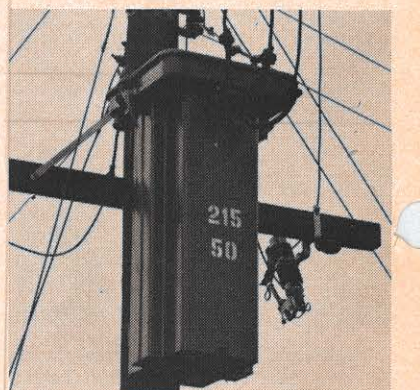
than I'm capable of delivering. When this occurs one of two things happens. Either I blow my protective fuse, which disconnects me from the line and I just quit working. Or I become so hot inside that my oil begins to boil and my insulation becomes charred and breaks down, whereupon the turns of my coils come together causing an electrical explosion. This really puts me out of commission. In such cases Appalachian people will send one of my bigger brothers to replace me, so that I can rest or be sent to the transformer hospital for repairs.

In my case, this hospital is Appalachian's Johnsons Lane shop at Huntington. First of all they open me up and give me a blood (oil) test. If it is in good condition (able to withstand 22,000 to 33,000 volts without breaking down), then my coils are given a voltage ratio test to determine if the turns are clear of short circuits and are continuous. My insulation and connections are checked and then I am given a high voltage test to determine my ability to be put back on the job. If I pass all the tests successfully I get new oil and a new coat of paint and am placed in line at the storage yard to go to work again.

If, however, the tests show severe damage to my coils, I am sent to a manufacturer's shop where I may receive new coils of the same size and voltage, or maybe new coils of increased capacity and different voltages.

All in all, I require very little maintenance, and my upkeep cost is very low.

Well, that's it. One of the penalties of being a distribution transformer is that you're taken for granted by just about everyone. But we don't mind. We know that we play a valuable role in the maintaining of uninterrupted service to Appalachian customers. And we also know that, as new industries spring up, existing ones enlarge, more uses are found for electricity, more people use more electricity in their homes, our role will continue to be one of the most vital in bringing to customers dependable, low cost electric power.



A good example of the dependability of transformers is this one, which was installed in the Huntington district in the summer of 1912 and is still providing service.



Rows of distribution transformers, invaluable equipment in getting dependable, low cost electric power to our customers, await their turn for installation at the yard at the Huntington storeroom.



A new transformer from the Johnsons Lane storage yard, where it was checked out after manufacturer's delivery, is hoisted on a truck. H. H. Purdue and Frank C. Lake, stationmen, are doing the work.



In this Westinghouse repair shop, transformers are rebuilt with new coils, cores, bushings and gaskets and get coatings of paint inside and out. Shown inspecting the "old into the new" is Mr. Whitekettle, shop foreman.

## Emblems Presented Veterans



L. R. Hudson  
Lynchburg  
35 Years



R. C. Reynolds  
Lynchburg  
30 Years



Wilma Melrose  
Huntington  
30 Years



E. E. Echols  
Roanoke  
30 Years



F. M. Baker  
Ashland  
30 Years



J. E. Vines  
Beckley  
25 Years



P. H. Adams  
Logan  
25 Years



O'Neal Amos  
Pulaski  
25 Years



E. H. Hall  
Cabin Creek  
25 Years



C. O. Weise  
System  
25 Years



J. W. Proffitt  
Kingsport  
25 Years



B. N. Kidd  
Pulaski  
25 Years



H. C. Martin  
Smith Mountain  
25 Years



R. B. McKenzie  
Glen Lyn  
25 Years



J. B. Vest  
Glen Lyn  
25 Years



C. H. Thompson  
Glen Lyn  
25 Years



E. B. Comer  
Glen Lyn  
20 Years



E. J. Humphrey  
Ashland  
20 Years



C. M. McCrady  
Bluefield  
20 Years



W. A. Johnson  
Bluefield  
20 Years



D. H. Caldwell  
Charleston  
20 Years



C. D. Ross  
Lynchburg  
20 Years



F. E. Varney  
Williamson  
20 Years



J. F. Elgin  
Abingdon  
20 Years

### Retired Logan Man Dies During Visit



Mr. Weiss

Harry C. Weiss, who retired in 1954, died in Logan July 15 while visiting his daughter. He was 66.

Mr. Weiss had 35 years of company service, dating back to September 1919, when he joined the company at Logan plant as a repairman. He worked later as maintenance man and was mechanical maintenance man when he took early retirement in November 1954. Shortly after retirement he moved to Columbus, Ohio. He was born and educated in Ohio, and worked there for some years before joining Appalachian.

He is survived by his widow, his daughter, two stepsons, three sisters, three brothers, four grandchildren and nine great-grandchildren.

### Foreman Risks Life In Rescue Attempt

Risking his own life, W. H. Stricklen, Point Pleasant line foreman, recently made an unsuccessful attempt to rescue and revive a drowning child.

The eight-year-old child had stepped into a deep hole while wading in an excavation, and Mr. Stricklen rushed to the scene when he heard the mother's screams. He spent several minutes diving in the muddy water before he found the child. On the bank he immediately administered mouth-to-mouth resuscitation, but the child had been in the water too long and the efforts failed.

### Gregory New Head Of AEP Meter Group

William L. Gregory, meter engineer, has been named head of the meter section of the American Electric Power Service Corporation. He succeeds the late John A. Morris, who died May 5.

Mr. Gregory received his bachelor's degree in electric engineering in 1957 from Columbia University, and joined the Service Corporation in 1959 as an assistant engineer in the meter section. He and his wife live in Flushing, Long Island.

C. L. Lucal, meter superintendent of Ohio Power Company, will serve as part-time consultant to the service corporation on meters and service matters. A 28-year veteran in meter work with Ohio Power, he was appointed to his present post in 1954.

### Purchasing Vet Retires In Roanoke



Mr. Burdette

R. S. Burdette, system purchasing assistant, retired July 31 after 37 years of company service.

He began his utility career in January 1924 with the Consolidated Power & Light Company of Huntington, W. Va., an Appalachian predecessor. He worked as meter reader and collector until 1925 when he transferred to the Ohio Valley Electric Railway as storekeeper. When Appalachian was formed he was made storekeeper in Huntington. In 1930 he was made assistant chief storekeeper, and in 1942, when the system purchasing and stores department was set up, he moved to Roanoke. He became system purchasing assistant in 1948.

Mr. Burdette is married and the father of two children. He is a member of the Evangelical United Brethren Church and Franklin Lodge AF&AM in Buckhannon, W. Va.

## Articles Describe Improved Methods Resulting In Saving Of Money, Time

Seven articles by Appalachian employees highlighted the July-August combined issue of *AEP Operating Ideas*.

W. J. Buchanan, Jr., maintenance supervisor at Kanawha River plant, wrote two of them. In "Job-Mixed Refractory Has Low Cost" he tells how the plant is realizing a 45 percent saving in material cost when maintenance men mix their own castable refractory for lining boiler ash hoppers, rather than buy ready-mixed refractory. In his second article—"Simple Way To Determine Welding Ring Size"—he describes a device designed at the plant to measure welding rings, saving considerable time and cutting down on errors.

"A Guide To Improve Operating Decisions" was written by A. G. Mehlman, Philip Sporn plant manager. He tells how charts showing behavior of turbines and generators during typical good starts have been posted for easy reference by the operator when he is working a unit.

O. A. Hesson, Cabin Creek plant maintenance foreman, was the author of "Preformed Refractory Is Easy To Install." He tells of a preformed refractory that is now being used at the plant, with good success, in boilers. Conversion to this refractory is still underway, and when it is completed, the author estimates an annual savings in maintenance of \$4,600 in materials and 650 manhours, compared to old methods.

"Air Whistle Solves Horn Maintenance Problem" was written by G. E. Briers, Jr., Cabin Creek plant engineer. Solenoid air-operated whistles have replaced turbine and boiler room alarm horns because they are more reliable and require less maintenance.

E. P. Lethcoe, Abingdon electrical engineer, wrote "Temporary Setup For Checking Primary Voltage." He tells how the district uses a lightweight transformer that can be temporarily installed to make voltage checks in places where permanent transformer installation is not practical.

"Detecting Water Leaks" was written by W. D. Lineberry, Bluefield area serviceman. He describes a listening device that amplifies the sound of water escaping from a water system. It is successfully used to convince customers that there is a leak in his water system, causing high

usage of the water heater, or water pump if on a rural system, which in turn causes his power bill to increase.



Mr. Buchanan



Mr. Mehlman



Mr. Hesson



Mr. Briers



Mr. Lethcoe



Mr. Lineberry

### Retired Employee Dies In Chelyan

Ernest C. Tincher, 67, retired Cabin Creek plant employee, died June 25 after a long illness.

He was employed at the plant in July, 1943, and was a mechanical maintenance helper until his early retirement in May, 1951.

Mr. Tincher was born at Winifrede, W. Va., and lived in the area all his life. He is survived by a daughter, three sisters and a brother. He was a member of the Church of Christ.

Services were conducted at the Chelyan residence of his sister, Mrs. Azella Houchin, and burial took place in the Massey Cemetery in Winifrede.



### Appalachian Power Company

#### Bluefield District

FRANCES T. HARVEY, home service representative, from Charleston division to Bluefield division.

#### Clinch River Plant

JIMMY L. FERGUSON from laborer to utility man; AUBREY G. GOSE from instrument maintenance man B to instrument maintenance man A.

#### Huntington District

C. J. WOODS from meter serviceman C to meter serviceman B.

#### Lynchburg District

PAUL KEYS from clerk typist to T&D clerk.

#### Smith Mountain

HARRY C. CARSON, material clerk, from Philip Sporn Plant construction to Smith Mountain Dam construction; DONALD E. McNEEL, meter service helper, from Roanoke district to Smith Mountain Dam construction.

#### Kingsport Utilities, Inc.

RHEA WELLS, contract clerk, from Abingdon to Kingsport.

#### Kentucky Power Company

#### Pikeville District

CLIFFORD BOYD, area sales representative, from Pikeville to Paintsville.

### Charleston Total-Electric Subdivision Sells Concept And Homes To Visitors



Three thousand people saw total-electric living close up during the open house held by the developers of Rolling Hills, Charleston's newest and largest Gold Medallion subdivision. Appalachian personnel explained all-electric living to the visitors who flocked in all week to see the heat pump-equipped homes.

A new all-electric subdivision in Charleston attracted 3,000 visitors during open house celebrations last month.

On display were the first four of a projected 70 Gold Medallion homes to be built by David L. Atkinson, Charleston builder and developer. The four homes that were open for inspection were all equipped with heat pumps, and all had been furnished by local department stores. This subdivision, called Rolling Hills, is the city's largest total-electric, and the first to exceed all requirements of the City Planning Commission.

During the week-long open house, practically the entire residential sales group from the Charleston office was present to explain the operation of the heat pump, and to show off the built-in features of the kitchens.

Three of the four homes were sold during the display period and contracts for the construction of three more were signed.

### Bluefield Manager Heads City Chamber

W. J. Gillespie, Jr., Bluefield district manager, has been elected president of the Bluefield Chamber of Commerce.



Mr. Gillespie

In addition to this civic duty, Mr. Gillespie is also president of the YMCA, vice president of the Bluefield Lions Club, and a director of the Salvation Army, Greater Bluefield United Fund, Bluefield Country Club and the Bluefield Area Development Corporation.

He has served as district manager in Bluefield since January 1952.

### Charleston Lists Safety Winners

Prizes were awarded recently in Charleston's annual safety poster contest for employees' children. As usual, entries were in two classes: A for six- to nine-year-olds, B for 10- to 14-year-olds.

Winners in Group A were Linette Lowe, first; Bruce Hutcheson, second, and Nancy Frazier, third; Group B, Keith Hutcheson, first; Jack Sampson, second, and David Walters, third. All entrants were honored at a skating party.

### Lions Region Picks Fieldale Engineer

J. D. Higgins of Fieldale has been named to head Region 2 of Lions International.



Mr. Higgins

As deputy district governor of the region, he will work directly under the governor of District 24-E. The commercial sales engineer is a member of the Collinsville Lions Club, which he has served as secretary-treasurer and president. He has served a year as chairman of the Bland Memorial Scholarship Committee of zone 2 of the region and the past two years he was zone chairman. He was also general chairman of the resolutions committee for the Virginia Association of Lions Club.

### Virginia Marrow Retires August 1



Miss Marrow

Miss Virginia B. Marrow, stenographer in the Huntington T&D Department, retired August 1. She had 26 years of service.

Miss Marrow, a native of North Carolina, joined the company in July 1935, in the overhead lines department. She later worked in the substation department, and for the last six years has been a member of the district engineering section of T&D.

Before joining Appalachian she attended business college in Huntington, and worked for several other firms there.

Miss Marrow is a member of Huntington's First Presbyterian Church, and lists as her hobbies sewing and collecting and refinishing antique furniture.

## Honey Worth Years of Stings, Reynolds Says

A few years ago there was a slogan about a particular product that claimed it was "a gift that keeps on giving."

R. C. Reynolds, Lynchburg T&D clerk, knows the full meaning of that slogan. A dozen years ago, Mr. Reynolds and a friend had discussed the gentle art of bee-keeping in casual conversation. And then, one day, a pick-up truck arrived at the Reynolds door carrying a beehive completely equipped with a queen and thousands of bees, a gift from the friend. Mr. Reynolds, knowing nothing about bees, settled down to long hours of observation. His conclusion, twelve years and millions of bees later, is this: "It certainly would be a help if the human mind were as alert and active as the bee's."

Among the things Mr. Reynolds learned in his observations was that the queen bee lays 2,000 eggs every 24 hours throughout the honey season; and more important, that bee-keeping can fast outgrow the backyard hobby stage.

That's because what they say about the birds and bees is very true, particularly of the bees. At the rate of two thousand eggs every 24 hours, it doesn't take long for one hive to become two, and so on, and each hive has anywhere from 50,000 to 100,000 bees. Mr. Reynolds now has two colonies of bees, one each on



Mr. Reynolds stands by a row of bee-hives. This layout, and a second one on another farm nearby, grew out of a single hive given to him 12 years ago. Note the veiled hat in his hand. He wears this to protect his eyes.

two farms near Lynchburg. They are close by his home, and are welcome to farmers because the bees help pollinate the crops.

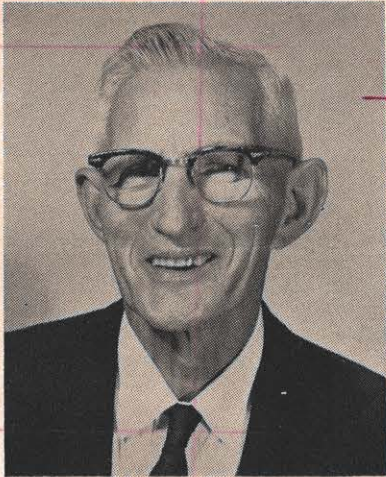
The great advantage of bees, of course, is their honey. During the honey season, which starts in spring and goes on to fall, Mr. Reynolds can collect up to 60 pounds of honey

from each hive; and honey, we are told, is one of the most beneficial and easily digested foods around.

But if you can get honey, you can also get stung. Mr. Reynolds has been a victim "many" times, as he puts it, but by now has built up an immunity. Even so, just to be safe, he wears a hat with a bee-keeper's veil to protect his eyes.

According to apiarists, the venom in a bee sting is of the same potency as a cobra's. In other words, if a bee had the same amount of venom as a cobra, there would be no bee-keepers. And that would be bad news, especially for Mr. Reynolds.

### Snider Retires At Kanawha River



Mr. Snider

Retirement July 1 closed out the career of W. H. Snider, laborer at the Kanawha River plant.

Mr. Snider was first employed in 1924 at the Logan plant, then part of the Kentucky & West Virginia Power Company. After a brief period of resignation he returned to the plant in 1929, and worked until May 1, 1961, when he transferred to Kanawha River plant.

Mr. Snider and his wife make their home in West Logan, and have no immediate retirement plans.

### Welch Landmark, The Loop, Going

One of the old landmarks in Welch—the railroad track that runs through the city—is being removed.

The Loop is involved in a project being undertaken by the Norfolk and Western Railway and the City. The railway company is building a new station at the edge of town and the town will take over the old station, remodeling it to house the McDowell Library, the fire and police departments and another two offices. The city will also take over the Loop and when it is removed the right of way will become a new road and additional parking area.

This Loop removal will help alleviate traffic congestion in downtown Welch and will provide another entrance into the business district. From the time the station was built 65 years ago until 1920, all trains into Welch used the Loop. That year the Welch tunnel was built, and from then until recently, only passenger trains used the downtown tracks.

### Swift Service Gets Compliment

A letter from the pastor of the Church of the Brethren near Penhook recently was complimentary of Appalachian service.

The letter came to the Rocky Mount local office of the Roanoke district, and told how the area suffered a power failure about 5:30 one evening. Bible School classes were to begin at 7 and the class prepared to study by candlelight, hoping "power would be restored by midnight."

Meanwhile the pastor had called the Rocky Mount office to report the failure. About 8, as the class was ready to begin a music session "the lights came back on. They flickered once and then the light remained constant."

The letter concluded: "I wish to take this opportunity to thank you for coming so swiftly to our aid and to let you know how thankful we are to know that our power company has men who are willing to come quickly in emergencies."

### Employee Promoted In National Guard

K. C. Morris, Point Pleasant district engineering aide, was commissioned a second lieutenant in the West Virginia National Guard last month at the West Virginia Military Academy.



Mr. Morris

Before enlisting in the Guard, Lt. Morris served six months of active duty in the Army Reserve at Fort Knox.

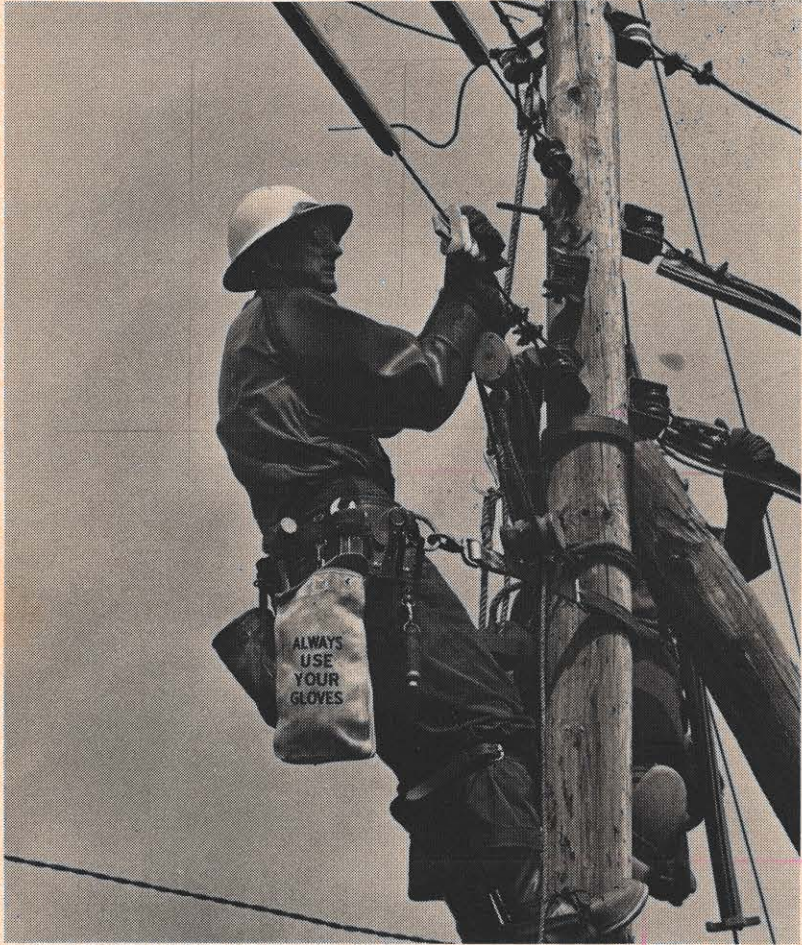
Lt. Morris, a graduate of Ripley High School, joined Appalachian as a clerk in Charleston in July 1953. He was transferred to Point Pleasant in 1955 and worked as T&D clerk. He was promoted to engineering aide in 1959. He is active in scouting work in Point Pleasant. He and his wife have one son.

### Another First




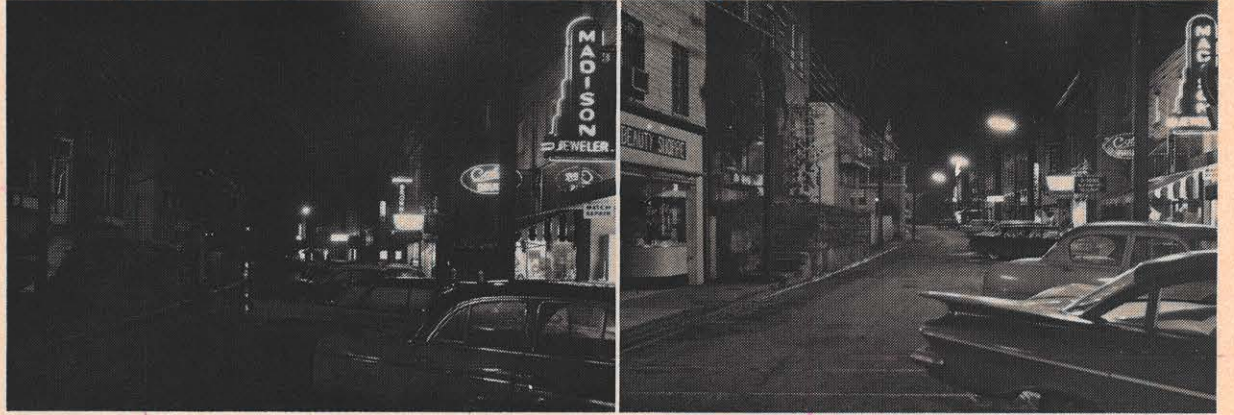
For the first time, an Appalachian 345,000 volt line has been worked with bare hands while it was energized. It happened at Kanawha River plant on the Kanawha-Spohn line, on which surge tests were being run. Here, L. H. White of Ohio Power is connecting a clamp to energize the wire mesh in the Fiberglas bucket to the same voltage as the line, while Harold Rorden, high voltage practices engineer of the AEP Service Corporation, observes. Mr. Rorden developed the basic idea and has supervised the research and testing on barehands work.





Appearing on the cover of the June 15 issue of "Electric Light & Power" magazine was this picture of Dick Jones, Charleston district lineman. The picture was made by Myron Ehrenburg during a photographic swing he made through AEP properties last year, and was made available to the magazine by the New York public relations department.

Camera  Roundup



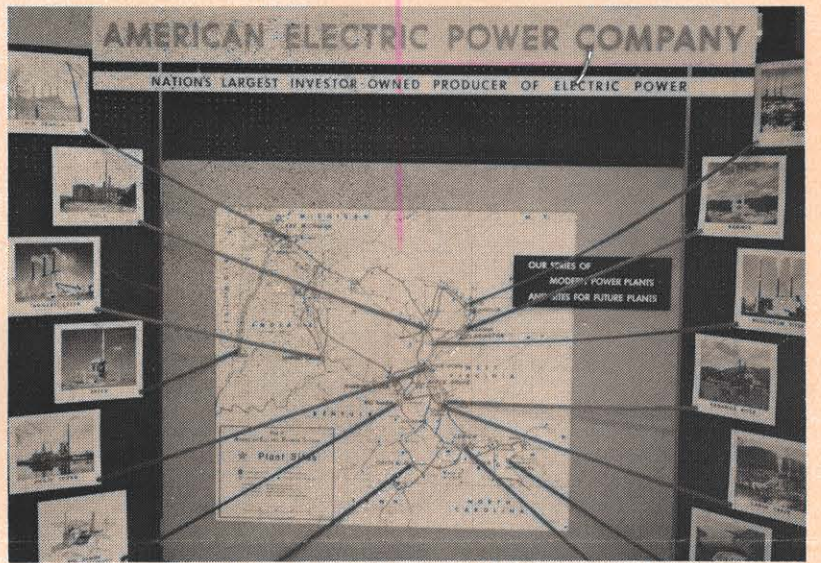
This is the classic before and after picture of a new street lighting system. The town is Madison, West Virginia, in the Logan district; and when the new system went on, it made the town the first in Appalachian territory to have a 21,000-lumen fluorescent system. Fifty-five new fixtures were installed.



A surprise feature of R. L. Gordon's 40th service anniversary in Ashland was the presentation of an oil portrait of him, done by Martha Hankins. Miss Hankins did the painting in three weeks of spare time, using a black and white photograph as a model, and an occasional glance at the subject at the office to help her along. Here are Miss Hankins and the portrait, Mr. Gordon, administrative assistant, and F. M. Baker, vice president and general manager of Kentucky Power Company. Miss Hankins is a secretarial-stenographer.



The newest housing fad in the pigeon set — in Charleston, anyway — is this recess for an exhaust fan in the Virginia Street garage building. Three or four days after this picture was made with a telephoto lens from the company office building, the birds flew off on their own. It's the second time the recess has been used as a home by the pigeons this year.



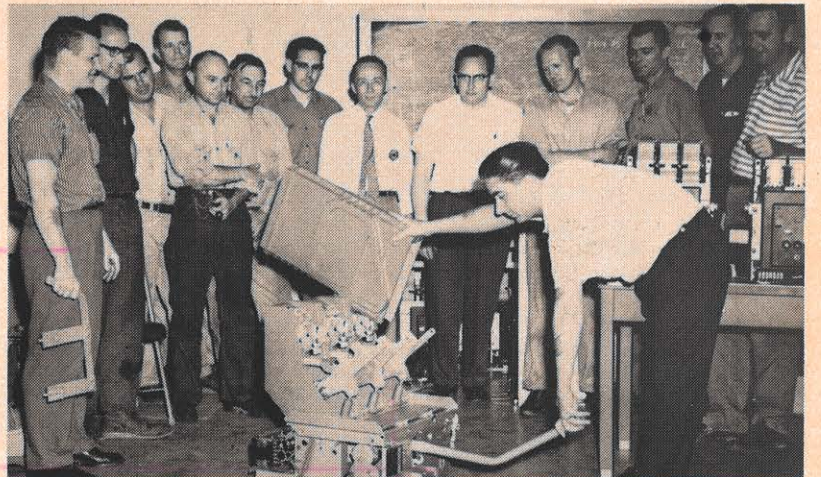
When the new Apple Grove test transmission laboratory was dedicated recently this display was a part of the ceremonies. Later it was moved to the Point Pleasant office, where it attracted a great deal of attention, and is now in the Ohio Power Company office in Pomeroy, Ohio. It shows the location of all the major generating stations on the AEP system.



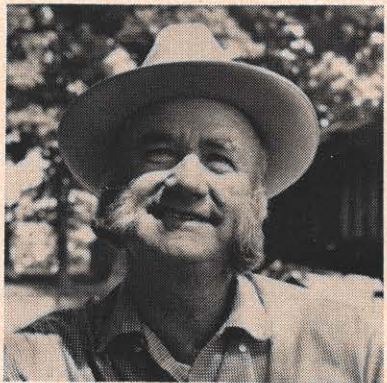
The original belt on Kanawha River plant's No. 2 conveyor was replaced last month in an interesting fashion. The old belt was cut, and the end of the new belt attached to it. The other end of the old belt was attached to a truck; as the truck was driven away, the action wound up the old belt and threaded the new one in place.



Old Fashioned Bargain Days in Point Pleasant's stores brought out these two employees in Gay Nineties dress to help promote the sale of electric appliances. At left is C. E. Gore, dealer sales representative, and Susan Jones, home service representative.



Training classes for maintenance groups at Clinch River were held recently to familiarize them with the new air circuit breakers that will be installed in Unit 3. Here A. W. Jacobs, the manufacturer's representative, demonstrates the equipment to a group of employees.



The growth that half-conceals Robert S. Hylton, Bland meter serviceman of the Bluefield district, was good enough to win grand prize in the mutton chop category of the Great Whiskers Contest. Men of the area grew beards to mark Bland County's 100th birthday during the week of July 17.



Conrad Powers, left, and Lovell McDonald, master maintenance men, are working at Clinch River plant during removal of Unit 2's boiler feed pump steam chest. The unit was out from July 1 to July 16 to rebuild the ash hopper following redesign. For three days during that period, Unit 1 was also out for maintenance and repair.

# Fourteen Couples Take Marriage Vows

## Mowl-Jago

Marjorie Arline Mowl and William Hadwin Jago, Jr., were united in marriage July 1 at the Northminster Presbyterian Church in Roanoke. Mr. Jago is the son of Mrs. Glenna Jago, system distribution secretarial-stenographer in Roanoke.

## Pitsenberger-Vandervort

Patricia Ann Pitsenberger became the bride of Hu Swisher Vandervort, Jr., on June 24 in the Beckley Presbyterian Church. Mrs. Vandervort is the daughter of C. E. Pitsenberger, Beckley district station supervisor.

## Fain-Davis

The wedding of Susan Elizabeth Fain and William Davis took place June 24 at the bride's home in Rogersville, Tenn. Mr. Davis is a janitor in the Lynchburg district.

## Summers-Crawford

A double ring ceremony performed June 17 at the Bethel Methodist Church in Ovapa united Opal Ellen Summers and Charles W. Crawford. Mr. Crawford is a maintenance helper at Kanawha River Plant.

## Padgett-Lester

Judith Carolyn Padgett and Charles Lester were married July 8 at the Vinton Baptist Church. Mrs. Lester is a key punch operator and Mr. Lester is a machine operator, both in the system accounting department in Roanoke.

## Russell-Haddad

The Chelyan Baptist Church was the setting of the June 16 wedding of Jane Ann Russell and William A. Haddad. Mr. Haddad is a system station operator at Kanawha Station.

## Thomas-Booth

Carolyn Sue Thomas and Russell Booth were united in marriage on July 1 in Marion. Mrs. Booth is the daughter of Walter Thomas, Welch meter serviceman.



Married in recent weeks were: TOP ROW from left: Mrs. William Alexander Haddad, system; Mrs. Hu Swisher Vandervort, Jr., Beckley; Mrs. William Hadwin Jago, Jr., system; Mrs. Charles Edward Lester, system; and Mrs. O. G. Spence, Williamson. MIDDLE ROW from left: Mrs. Robert Burton Gibbs, Point Pleasant; Mrs. Titus Calvin Rohrbaugh, Jr., Roanoke; Mrs. Susan Fain Davis,

Lynchburg; Mrs. Russell Booth, Welch; and Mrs. John Forest Marshall, system. BOTTOM ROW from left: Mrs. Clayton Beamer Hampton, system; Mr. and Mrs. William Franklin Bailey, Bluefield; Mr. and Mrs. Frank Chapman, Jr., Bluefield; and Mr. and Mrs. Charles W. Crawford, Kanawha River plant.

## Bell-Rohrbaugh

Nancy Ruth Bell became the bride of Titus Calvin Rohrbaugh, Jr., on June 24. Mrs. Rohrbaugh is the daughter of the late James B. Bell, Roanoke division retired employee.

## Culbertson-Marshall

Doris Geraldine Culbertson was married to John Forest Marshall on June 15 at the parsonage of Villa Heights Baptist Church. Mrs. Marshall is a clerk-stenographer in the system accounting department in Roanoke.

ducing machine operator in the system accounting department in Roanoke.

## Turner-Bailey

Anne Bolin Turner was married to William Franklin Bailey on July 8 in a double ring ceremony performed at her home in Princeton. Mrs. Bailey is a former personnel stenographer in Bluefield.

Spence, who were married in the Chattaroy, W. Va., Missionary Baptist Church. Mrs. Spence is the daughter of G. B. Trent, Williamson district electrical engineer.

## Roush-Gibbs

A double ring ceremony performed June 10 in the Mason Methodist Church united Judith Ann Roush and Robert Burton Gibbs. Mrs. Gibbs is the daughter of L. I. Roush, Point Pleasant district lineman.

## Bates-Chapman

A double ring ceremony performed July 1 in the First Methodist Church of Bluefield, Va., united Billie Lee Bates and Frank Chapman, Jr. Mrs. Chapman is the daughter of L. W. Bates, Bluefield division manager.

## Lowe-Hampton

Frances Margaret Lowe became the bride of C. B. Hampton on June 24 at the Mt. Vale Methodist Church in Galax. Mr. Hampton is a repre-

June 10 was the wedding day of Dorothy Jane Trent and O. G.

## Trent-Spence

## One Phase Of Bessie Johnson's Hobby Upsetting To Lynchburg Philatelists

"What in the world is that lady doing to Philately?" moans the past president of the Lynchburg Stamp Club. "Who ever heard of anyone pasting stamps on lamp shades and bridge tables as decorations? Foreign stamps are hard to get and could be valuable. Everybody knows that stamps are mounted in albums."

Not so with Miss Bessie L. Johnson, head cashier in the Lynchburg office.

She says: "I have been collecting foreign stamps for years, but I do not go to all the trouble of mounting, evaluating and exchanging them. I collect solely for decorative purposes." And decorate she does—lamp shades, table tops—with stamps from all over the world.

Miss Johnson began her unusual stamp collecting when she was a small child. She had two cousins who were missionaries, and after they came to live with her family, they received letters from friends in China. Miss Johnson would get the cancelled stamps, fascinated by their color and uniqueness.

Today she corresponds with friends in Northampton, England, whose letters carry stamps. She is a



A lamp shade decorated with foreign stamps is held by Miss Bessie L. Johnson, whose hobby of decorating with stamps has shaken Lynchburg philatelists.

member of the "Round The World Reading Club," meaning more stamps from all over the globe.

Her reading habits are another interesting facet of this woman—she particularly likes history and geography. In her study she keeps up-to-date maps of countries throughout the world, and on her walls are facsimiles of historical documents.

## Kitchen Carnival Called Successful

Over \$3,500 in appliances were won by Appalachian customers during Charleston division's recent, successful Flameless Electric Kitchen Carnival.

Division commercial representatives said that final sales figures have not been tallied, but over 50,000 entries were received in the competition for the prizes. They also report traffic was particularly heavy in dealers' stores during the promotion, which ran the first 19 days of June.

The winners:

Charleston district area—Tommy Layne, Gauley Bridge, dishwasher; Mrs. J. C. Wills, Charleston, water heater; Alma Shawver, Charleston, range; Hughie Mill, Charleston, range; Willa Simpson, Charleston, washer; and Mrs. Charles Jordan, Charleston, clothes dryer.

Point Pleasant district area—Nancy Chancey, Ripley, range; Mrs. Florence Jay, New Haven, dryer, and Mrs. Carl Higginbotham, Buffalo, refrigerator.

Beckley district area—Mrs. William Pritt, Oak Hill, air conditioner; Forrest Cornwell, water heater; G. Painter, Oak Hill, freezer, and Pete Bair, Stanaford, dishwasher.



## New Arrivals



### Abingdon District

MR. AND MRS. J. F. McREYNOLDS, a daughter, July 3. Mr. McReynolds is a Dickenson County meter reader.

### Bluefield

MR. AND MRS. FRANK O. ORESTA, a daughter, Donna Renee, June 19. Mr. Oresta is a car washer.  
MR. AND MRS. GLENN H. REYNOLDS, a daughter, Susan Gale, July 13. Mr. Reynolds is an electrical engineer.

### Clinch River Plant

MR. AND MRS. HARVEY G. GILLESPIE, JR., a son, Stewart Croft, July 17. Mr. Gillespie is a test engineer.  
MR. AND MRS. LOVELL H. McDONALD, a daughter, Janet Lynn, June 10. Mr. McDonald is a master maintenance man.  
MR. AND MRS. MASON A. VAUGHAN, JR., a son, Mason III, June 20. Mr. Vaughan is a chemist.

### Huntington

MR. AND MRS. WILLIAM C. FARRAR, a son, Jeffrey William, July 11. Mr. Farrar is a meter reader.

### Kanawha River Plant

MR. AND MRS. G. E. LeMASTERS, a daughter, Anne Elizabeth, July 20. Mr. LeMasters is assistant plant manager.

### Logan

MR. AND MRS. T. J. FLESHMAN, a daughter, Jan Doreen, June 24. Mr. Fleshman is a truck driver groundman.

### Lynchburg

MR. AND MRS. MARION COPES, a son, Jon Jeffrey, June 13. Mr. Copes is a T&D clerk.

### Smith Mountain

MR. AND MRS. R. HUGHES McBRIDE, a daughter, Kathy Lynn, June 16. Mr. McBride is timekeeper.

### Philip Sporn Plant

MR. AND MRS. EDWARD O. BALDWIN, a son, Mathew Allen, June 17. Mr. Baldwin is a maintenance man.

### Welch

MR. AND MRS. FREDERICK L. JONES, a son, James Frederick, July 12. Mr. Jones is a groundman.

MR. AND MRS. CURTIS DON LANE, a daughter, Felicia Dawn, July 9. Mr. Lane is a T&D clerk at Switchback.

MR. AND MRS. JOE MULLINS, a daughter, Elizabeth Tad, July 11. Mr. Mullins is a general clerk.

## They're Engaged

BARBARA G. DOSS to Loren H. Walker. Miss Doss is a system personnel stenographer in Roanoke.

MARY LOU VALLEY to Thomas David Watson. Miss Valley is the daughter of Leon F. Valley, Russell County area supervisor in the Abingdon district.

## Private Telephone Network Is Aid In Getting Serviceman's Job Done

Answering the phone in the Shelton household in Logan could turn into an all-day job.

There are literally hundreds of telephones there, belonging to Walter K. Shelton, Logan district general serviceman. Most of them are non-operative, parts of a remarkable collection, but a great many make up a private communication system designed and put to everyday use by Mr. Shelton.

In his desire to be readily available in his job as troubleman, Mr. Shelton stays close to his home and neighborhood, covered by this private network. He has installed 11 magnet

phones: one in each room of his house, one in his garage and one in his garden. There is a direct line to his mother's house next door, another to his aunt's house down the street, and a third to a sister's house nearby. A bell in front of his house and another in the garage warn Mr. Shelton when he's wanted. A system of buzzers and lights also notify him of calls on his network. For example, Mrs. Shelton can, from the house, turn on a light in the garage if her husband is there, and this tells him he has a call. Conversely, when he returns, he turns on a garage light, connected to a light in the house. Mrs. Shelton thus knows he has returned.

Besides using telephones to talk over, Mr. Shelton has also rigged up some phones in his collection to see by. Two years ago he saw an old phone that had been turned into a lamp. Thus inspired he has converted about 20 telephones into lamps, and given many to friends. The light comes on when the receiver is lifted, goes off when it is replaced.

Most of the phones—except the regular service he receives from the local telephone company—are purely ornamental, with their own built-in interest. One of the prize specimens is a wall phone from 1912, originally part of the Blue Goose circuit on Big Creek. It was used by Uncle Dyke Garrett, pioneer circuit riding preacher of Logan County, who converted Devil Anse Hatfield. There are wall sets, desk sets, foreign phones, and handsets, all forming a real history of telephone communication.

Mr. Shelton is a natural collector. In addition to his phones, he has over 200 dolls from all parts of the world, old coins, antique furniture, and a Stradivarius violin dating from the early 18th century.

Mr. Shelton, who started with Appalachian August 1, 1935, is a native of Russell County, Virginia. Sharing his telephones at home are his wife and a daughter, and he has two married daughters and a grandson.

## Expansion Planned At Aluminum Plant

Further industrial expansion on the AEP System is scheduled with the announcement of the enlargement of its Clarington, O., plant by Olin Mathieson Chemical Corporation.

The new facilities at the two-year-old aluminum rolling mill will cost several million dollars.



Here is Mr. Shelton with a minute part of his telephone collection. Of the hundreds of sets he has, he has put some to work as phones and some as lights.

## Reckless Pilot Risks Death, Extensive Outage

West Virginia state police are tracing the identity of a hit-fly pilot whose reckless actions almost cost him his life and knocked out electric service to the Oak Hill section of the Beckley district. R. R. Griffith, area supervisor, said the plane clipped a 7,200-volt line in the needle-eye area while buzzing Oak Hill.

The severed line was only 200 feet from a double circuit 46,000-volt line which the plane cleared by only two feet, according to one witness. If the plane had struck this line the pilot would undoubtedly have been electrocuted, and Oak Hill, Fayetteville and the entire section would have been deprived of power.

Several persons who witnessed the episode were able to identify for state police the make and number of the aircraft.

## Golfing Triumph



A 54-hole total of 235 has earned the Senior Division crown of the annual Roanoke City-County Men's Golf Tournament for E. F. Johnston, system operating engineer. Eddie shot 80, 79 and 76 on the three rounds played at the Blue Hills and Hidden Valley Country Clubs for his 5-stroke victory.

## Sailing Home



This sailfish, over seven feet long, was boated off Miami Beach by Clayton Starcher, Charleston district meterman, during a recent vacation. He and his wife and Ben Martin of the stores section and his wife also caught an assortment of kingfish and bonita, some as much as 40 inches long. This sailfish, now being mounted, will be shipped to Charleston to decorate Mr. Starcher's home.

## S. M. Brown Tapped To Head Sales Club

Shirley M. Brown has been named president of the Roanoke Sales Executive Club.



Mr. Brown

The system residential sales advisor joined the club in 1955 and has served as committee chairman, board member, secretary and vice president. In May he was the club's delegate to the national convention in San Francisco. Purpose of the group is to represent the sales management of firms in the Roanoke area to create a better understanding of selling's place in the national and local economy.

## New Job Found For This Trophy

Most people put trophies in a cabinet or on display, and do nothing more than to recall some particular achievement.

Chris Mitchell put hers to work in the machine shop.

It seems that during the rainy month of May, just when it was needed most, the windshield wiper of Chris's car broke. A part would have to come from Cincinnati. Denzil, Chris's husband, improvised a working part, and had everything he needed except a certain size nut. They searched everywhere for just the right size, until . . .

Chris spotted one of her many bowling trophies. The nut and bolt that held the figure upright were quickly snatched away and a forlorn little golden bowling figure was laid on its side as the Mitchells drove away in the '59 Galaxie with a '56 Trophy part.

## Sons Of Employees Spark Little League

Clinch River plant and Abingdon employees and their sons are continuing their activities in the Lebanon Little League.

Henry Jones, Abingdon meter serviceman, is skipper of the Lions Club entry. Sons of employees who play in the league are Larry Jones, Mack Jones, Gary Garrett, Tommy Bunton, Tom Senter, Ernie Cook, Mike McDonald, Joe Kiser, Dickie Murphy, Lukie Houchins and Tommy Henninger.



### Appalachian Power Company

**Abingdon District**—20 YEARS: JOHN F. ELGIN, draftsman. **Beckley District**—25 YEARS: J. E. VINES, line foreman. 15 YEARS: M. C. DWORNICK, engineering aide; C. H. MANN, draftsman.

**Bluefield District**—20 YEARS: WILLARD A. JOHNSON, meter reader; CHARLES M. McCRADY, meter serviceman.

**Cabin Creek Plant**—25 YEARS: E. H. HALL, turbine operator.

**Charleston District**—40 YEARS: T. J. O'CONNOR, station engineer. 20 YEARS: DENNIS H. CALDWELL, head material clerk. 15 YEARS: PAUL F. CURRY, meter serviceman; JOHN C. FRAZIER, division safety supervisor; THURMAN P. HULL, lineman; JAMES G. POWELL, station man; LUTHER C. SHAFFER, line foreman; ELMER L. SPENCER, truck driver-groundman. 10 YEARS: WILLIAM P. McDONOUGH, lineman; CLAYTON STARCHER, meterman. 5 YEARS: JUDITH HACKNEY, stenographer; BONNIE JARRETT, stenographer.

**Clinch River Plant**—10 YEARS: W. G. MATTHEWS, JR., operations supervisor.

**Fieldale District**—15 YEARS: A. T. HUNDLEY, groundman; H. S. MASON, stores supervisor. 5 YEARS: A. Q. CROY, electrical engineer.

**Glen Lyn Plant**—25 YEARS: R. B. MCKENZIE, maintenance helper; C. H. THOMPSON, equipment operator; J. B. VEST, switchboard operator. 20 YEARS: E. B. COMER, maintenance helper. 10 YEARS: M. H. LEONARD, utility man. 5 YEARS: E. E. BROWN, utility operator (coal); E. S. FREEMAN, utility operator (coal); E. C. THORNTON, utility man; C. D. WILEY, utility man.

**Huntington District**—30 YEARS: WILMA A. MELROSE, power billing clerk. 15 YEARS: ETHEL L. HYLDAHL, draftsman.

**Logan District**—25 YEARS: PAUL H. ADAMS, station man.

**Lynchburg District**—40 YEARS: H. C. METTS, line foreman. 35 YEARS: B. C. COOK, material clerk; L. R. HUDSON, T & D clerk. 30 YEARS: R. C. REYNOLDS, T & D clerk. 20 YEARS: C. D. ROSS, line inspector.

**Point Pleasant District**—15 YEARS: W. F. MACHIR, record supervisor.

**Pulaski District**—25 YEARS: O'NEAL AMOS, administrative assistant; BRADIE N. KIDD, area serviceman. 15 YEARS: G. G. ROSEBERRY, head material clerk; D. B. SMITH, instrumentman; P. L. SOWERS, lineman. 10 YEARS: CECIL BUCKNER, meter reader.

**Radford Arsenal Steam Plant**—10 YEARS: H. H. JOHNSON, JR., turbine and switchboard operator.

**Roanoke District**—35 YEARS: B. E. BURNETTE, line foreman; VERDIE E. LINKENHOKER, power billing clerk. 30 YEARS: E. E. ECHOLS, radio engineer. 15 YEARS: T. W. ABSHIRE, meter serviceman. 5 YEARS: BETTY J. SWEENEY, contract clerk.

**Smith Mountain Dam**—25 YEARS: HOWARD C. MARTIN, chief electrical engineer. 10 YEARS: JAMES I. ALLEY, payroll supervisor.

**Philip Sporn Plant**—10 YEARS: DALLAS A. CADLE, equipment operator; RAYMOND L. COLE, equipment operator; ROBERT H. EASON, test engineer; WILLIAM R. JOHNSTON, assistant results engineer; WILLIAM H. KING, instrument maintenance man; OSCAR L. LEONARD, equipment operator; IRA R. MULLFORD, equipment operator; JOHN W. TAYLOR, maintenance man; DWIGHT R. WALLACE, equipment operator; HARLAN H. WEHRUNG, equipment operator.

**System**—40 YEARS: R. M. KIRK, system senior meter engineer. 35 YEARS: GLADA FLESHMAN, secretarial-stenographer; A. R. GUTHRIE, supervisor accounts receivable and control section; R. E. HODGES, vice president and general manager. 25 YEARS: C. O. WEISE, assistant regional chief dispatcher. 10 YEARS: N. G. HAMRICK, machine methods and procedures supervisor; B. L. SAUL, retirement cost clerk. 5 YEARS: JERRY L. DODSON, draftsman; B. J. FERGUSON, system station man; B. H. GILLESPIE, system transmission man; L. B. HEPTINSTALL, system station man; S. G. LANDIS, system station operator; P. W. MILLER, JR., system station operator; H. F. SAYRE, system station operator; O. B. TURLEY, system transmission man.

**Williamson District**—20 YEARS: F. E. VARNEY, line foreman. 10 YEARS: VIRGINIA STAFFORD, general clerk.

### Kentucky Power Company

**Ashland District**—30 YEARS: F. M. BAKER, vice president and general manager. 20 YEARS: E. J. HUMPHREY, electrical engineer. 15 YEARS: J. P. CAINES, meter serviceman. 5 YEARS: J. T. PAULEY, meter reader.

**Pikeville District**—5 YEARS: DORIS S. ROBINSON, stenographer. BIDDIE E. WILLIAMSON, home service representative.

### Kingsport Utilities, Inc.

25 YEARS: JAMES W. PROFFITT, general serviceman. 10 YEARS: JAMES W. OVERBEY, meter serviceman.

## Bowling League Leaders



Elected to lead the Bluefield District Bowling League for the new season were from left: Grady L. Parker, president; R. T. Bowen, vice president; James E. Bailey, secretary, and Dixon Jones, treasurer.

**Bluefield Leads Way**

# C&I And Home Heating Results Feature Appalachian Sales Year

Outstanding results in commercial and industrial activities and 1,713 home heating installations highlighted Appalachian's sales year, which has just ended.

Sales activities ran from July 1, 1960 to June 30, 1961. Bluefield division finished first in overall sales effort, followed by Huntington, Roanoke and Charleston.

A total of 38,550 kilowatts in commercial and industrial equipment were sold in Appalachian territory during this period, representing 102.9 percent of quota.

The 1,713 home heating installations — 1,549 resistance heating and 164 heat pumps — exceeded sales for the previous year's period by 280 jobs. Important in this part of the sales activities is the fact that 579 of the 1,713 jobs were conversions of other heating systems to flameless electric heat.

Employees played a valuable role in electric heating sales, when they turned in 1,882 prospects during the recent three-month Employee Prospect Campaign. Two hundred eighty-nine sales resulted directly from these prospects. (See another story on page one for further details on the part employees are playing in electric heat sales.)

**C&I Sales**

In the year-long campaign, C&I was divided into two major groups—those working with commercial prospects and those working with industrial prospects. In each group, kw sales results were measured in six categories: space heating, heat pump, product heating, cooking, lighting and air conditioning.

Roanoke Division was tops in the overall campaign, with sales of 11,416 kw. The division did this by finishing first in the commercial section and second in the industrial section. Bluefield was second in the overall (first in industrial and second in commercial), Charleston was third and Huntington fourth.

Top sales efforts in the two sec-

tions were turned in by W. B. Belchee of Bluefield in industrial and C. L. Reynolds of Roanoke in commercial.

Two other campaigns in C&I sales produced individual standouts. L. C. Thomas of Bluefield was top man in commercial cooking sales, and L. D. Evans of Roanoke was first in the comfort conditioning section.

**Residential**

A total of 32,862 ranges, water heaters and dryers were sold in Appalachian territory during the year. Of these sales, 15,480 were ranges, 8,206 were water heaters and 9,176 were dryers.

In efforts to spur sales, four separate campaigns were run in residential sales. Huntington Division finished on top in the appliance section, with Bluefield, Charleston and Roanoke in that order. Charleston Division took top honors in home heating sales, and Huntington, Roanoke and Bluefield were second, third and fourth.

## Sporn 1961 W.Va. 'Adopted Son'

Philip Sporn, president of AEP and of our companies, was honored recently as West Virginia's "Adopted Son of the Year" at a banquet of the West Virginia Society of the District of Columbia.

He was also recently named to the board of Edison Electric Institute, national association of the investor-owned electric utility industry.

In a speech responding to the West Virginia honor, Mr. Sporn noted the state's growing industrial diversification, and predicted that coal, the state's major resource, will play a much greater role as a source of the nation's energy in years to come. He also pointed to the efforts of Appalachian and the AEP System in promoting the industrial development and economic welfare of the state.

In the home service section, where home service representatives were scored for various activities, the Huntington Division came out on top, followed by Bluefield, Charleston and Roanoke.

L. L. Bucklen of Marion in the Pulaski district won individual honors in the farm sales section. Here, individuals were scored on kilowatt sales of farm equipment and on various activities, such as 4-H work and demonstrations, with rural customers.

## Smyth Station Makes Way For New By-Pass

A relocation, necessitated by the construction of the Marion by-pass of Interstate Route 81, is underway on the Smyth 138,000 volt transmission station in the Pulaski district.

Grading, surfacing and relocation are being done under the supervision of the system T&D department. In addition, 148 distribution poles were relocated along the 10-mile length of the project. The Marion line crew and Pike Electrical Contractors did this work.

## Eight Veterans Attain Service Milestones

Eight veterans observed 40- and 35-year service anniversaries recently.

Reaching 40th anniversaries were T. J. O'Connor, Charleston; H. C. Metts, Lynchburg; and R. M. Kirk, system. Observing 35-year anniversaries were R. E. Hodges, system; A. R. Guthrie, system; B. C. Cook, Lynchburg; and B. E. Burnette and Verdie E. Linkenhoker, Roanoke.

**T. J. O'Connor**

The Charleston division station engineer began his employment August 1, 1921, as a draftsman. He became an engineer in 1937, design engineer in 1950 and station engineer in 1953.



Mr. O'Connor

He lists "gadgets and inventions" from his home workshop as his hobby.

**H. C. Metts**

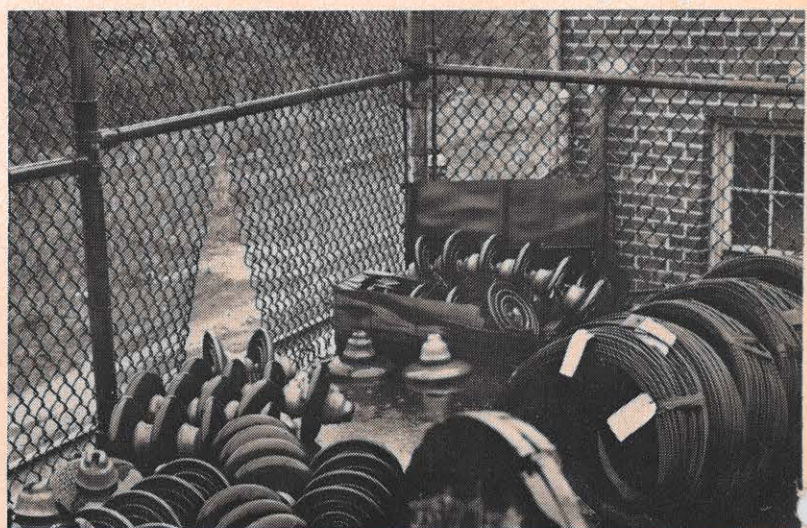
Forty years were completed by Mr. Metts, Lynchburg line foreman, on July 9. He was employed that day in 1921 as a lineman, and was a troubleman before becoming line foreman in 1945.

A member of the Industrial Management Club and the Rivermont Avenue Baptist Church, he is married and has four children and eight grandchildren.

**R. M. Kirk**

The system senior meter engineer received his 40-year pin on July 7, having been employed in 1921 by the old Virginia Power Company at

## Robberies In Two Districts Indicate Thieves Were Partial To Company Wire



That V-shaped cut in the fence is where thieves entered the Hazard storeroom platform and made off with 13 rolls of copper wire. The insulting part of it is that they used bolt-cutters stolen from Williamson to cut the fence.

Somebody out there likes us. Or rather, somebody out there likes our copper wire and bolt-cutters.

In Hazard last month, G. C. Branson, stores supervisor, immediately called police when he saw that the cyclone fence surrounding the storeroom platform had been cut. Investigation showed that 13 coils of No. 4 copper wire, a haul weighing some 1200 pounds, had been stolen. Police notified scrap buyers to watch out for the wire.

Police in Whitesburg, 40 miles away, reported they had stopped a car containing two men and several rolls of copper wire. All were brought back to Hazard, the wire to its proper place, the men to jail. Then it developed that entry had been made to the storage platform by cutting the fence with bolt-cutters that had been stolen from the Williamson district, along with nearly 3000 pounds of copper wire.

**R. E. Hodges**

Mr. Hodges, Appalachian vice president and general manager, joined the company at Sprigg July 1, 1926 after graduation from West Virginia University. A year later he went to Pikeville and became district manager there in 1930. Ten years later he became assistant general manager of Kentucky Power and in 1943 was named general manager.

In 1948 he went to Charleston as division manager and in 1954 went to Roanoke as the company's assistant general manager. He was named vice president and general manager February 1, 1960. He is vice president and director of Kanawha Valley Power Company, and a director of Appalachian, Kingsport Utilities and the AEP Service Corporation.

**A. R. Guthrie**

Mr. Guthrie, supervisor of the accounts receivable and control section of system accounting, began his continuous service as a cash poster at Charleston July 1, 1926. He had previously worked two years for an Appalachian predecessor, the West

Virginia Water & Electric Company. In 1934 he went to Montgomery as chief clerk, and two years later went to Ashland as chief clerk. In 1945 he was named local office manager at Ashland. Two years later he went to Huntington where in 1949 he became billing supervisor. He went to Roanoke in his present job in 1958.

He is married and has one daughter.

**B. C. Cook**

On July 30, 1926, Mr. Cook joined the company as a groundman at Lynchburg. He was a storeroom helper before going to his present position, material clerk, in 1952. He is a member of the Rivermont Avenue Baptist Church, Taylor Lodge 117 AF&AM of Scottsville, and treasurer of the Lynbuck Hunt Club. He is married and has a daughter.

**B. E. Burnette**

The Roanoke line foreman joined Appalachian at Roanoke in 1926 as a groundman. He became a lineman in 1930 and line foreman in 1936. A native of Floyd County, he attends the Belmont Christian Church. He lists cattle raising and farming as hobbies. He has 5 children and 13 grandchildren.

**Verdie Linkenhoker**

Miss Linkenhoker joined the company in July, 1926, in Roanoke as accounting clerk. She was a contract entry and final bill clerk before going to division commercial as power billing clerk in 1956. She holds that job now.

A graduate of National Business College, she attends the Virginia Heights Baptist Church. She enjoys working in her flowers and reading.



This scene was typical of the aftermath of the heavy storms that struck the Williamson district last month. Hardest hit was Matewan, where electric service was disrupted and heavy property damage was reported. Picture courtesy "Williamson Daily News".

## Matewan Hit Hard By Violent Storm

Considerable property damage was reported when tornado-like winds and violent rainstorms swept through Williamson and Matewan last month. Electric service was out for as much as ten hours in Matewan after the storm uprooted four poles, blew down the primary conductor in 20 places and ripped off about 100 services.

The damage was heaviest in Matewan. The roof and one entire wall

of a storage warehouse, roofs of several houses and a number of porches were all pulled loose by the wind. Roofs of two buildings were carried by the wind over another building and dropped a block away; the steeple of the Matewan Baptist Church was torn off and flung into another building. The entire storm, accompanied by rain and hail, lasted about 45 minutes.

Around Williamson, the worst damage consisted of large numbers of broken windows and quantities of mud covering streets and roads.



Mr. Metts

Mr. Kirk

Mr. Hodges

Mr. Guthrie

Mr. Cook

Mr. Burnette