

Seek not to appear, but
to become.

The Illuminator

Mr. Smith
A good example is the
best sermon.

Vol. XI, No. 11

KENTUCKY POWER COMPANY

APPALACHIAN POWER COMPANY

KINGSPORT UTILITIES, INC.

August 1960



Beautiful homes—Gold Medallion Homes—big shady trees, enthusiastic crowds of visitors. That's the story of Huntington's Arlington Park subdivision. Already 37 heat pump homes have been sold in this high-quality subdivision, and more are being built.

Warm Reception Given Electric Home Subdivision

The largest total-electric project in our companies' territory, the Arlington Park subdivision in Huntington, attracted 45,000 persons in the course of an eight-day open house program.

To date, 37 heat pump-equipped Gold Medallion homes in the subdivision have been sold at a collective sale value of more than one million dollars. Eventually 180 Gold Medallion Homes will be built.

During the eight-day "Parade of Homes", visitors toured six homes, completely furnished. Twenty more homes are in various stages of construction. Even after the formal open house period ended, visitor

interest continued high, as more than 200 people came every day to see the homes.

The project was conceived by Mel Wright and Son, builders in Huntington. Until Arlington Park left the drawing board the Wright firm had never built an electrically-heated home. The homes in Arlington Park are all high-prestige quality homes, ranging from \$20,000 to \$55,000 in price. The entire promotion, carried out with the help of participating contractors, manufacturers, and Appalachian, will be publicized nationally in such publications as *Electrical World*, *Practical Builder*, *American Builder* and *House and Home*.

Appalachian, Kingsport Hosts To AEP Directors On Annual Tour

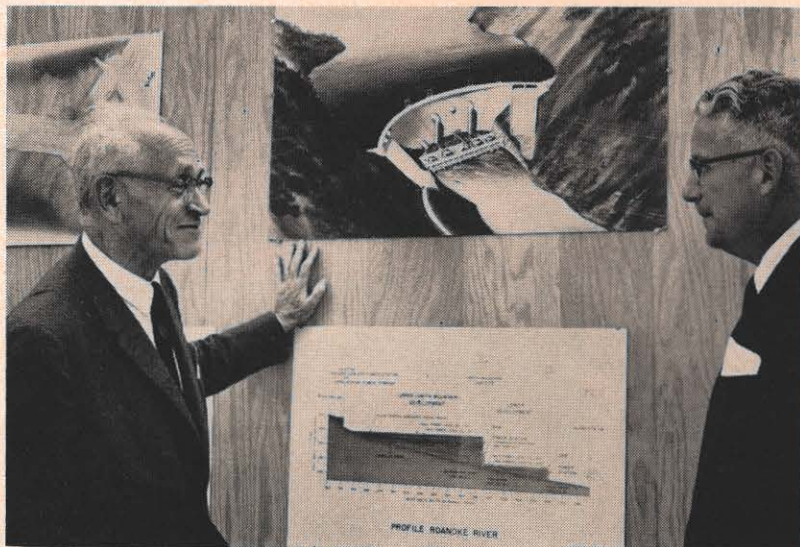
Appalachian and Kingsport played host to the American Electric Power Company directors in July on their annual tour of the territory and property of the AEP System.

The directors, headed by President Philip Sporn, gathered at Charleston. They left from there by plane for Kingsport, where they toured the Tennessee Eastman plant area and the J. P. Stevens Company textile plant. C. J. Bryan, Kingsport assistant manager, narrated the tour.

By bus the group then went on to Abingdon, where among the highlights were a roadside view of Clinchfield Coal Company's cleaning plant and a tour of the Clinch River plant. C. E. Archer, plant manager, described this portion of the tour, while L. F. McPherson, Jr., Abingdon district manager, narrated the Abingdon area portion.

The following day a bus brought the group from Abingdon to Roanoke, via Pulaski, where a short stop was made at the company office. D. P. Minichan, assistant Bluefield division manager, narrated a portion of this trip and W. P. Booker, Roanoke district manager, narrated the final half. Coming into Roanoke the group saw several of the large industries in the Roanoke Valley.

That afternoon the group traveled to the site of the Smith Mountain dam where Earl Snodgrass, resident engi-



Pausing during a tour by AEP directors of the Smith Mountain project were Philip Sporn, AEP president, left, and Earl Snodgrass, Appalachian's resident engineer for the project. This stop was one of several the directors made in their four-day tour of Kingsport and Appalachian territory and property. Photo courtesy "Roanoke World-News".

neer, briefed them on the project.

The final stop on the trip was Lynchburg, where D. C. Kennedy, district manager, narrated a tour of the area. The directors saw many of the area's industries and were conducted on tours of the General Electric Communications Products division plant and the Babcock & Wilcox Company atomic laboratory and fuel element plant.

From Lynchburg, the directors returned to their homes by plane.

Kentucky Power Plant

Big Sandy Ground Broken

A groundbreaking ceremony scheduled for August 2 signaled the start of construction of Kentucky Power's new \$39-million, 265,000 kilowatt Big Sandy plant near Louisa.

Featured speakers on the program were Kentucky Governor Bert T. Combs, Lt. Gov. Wilson Wyatt and Philip Sporn, president of the AEP System. F. M. Baker, Kentucky Power vice president and general manager, was master of ceremonies. A story and picture coverage of this ceremony, the beginning of a big boost to the economy of eastern Kentucky, will be carried in the September issue of THE ILLUMINATOR.

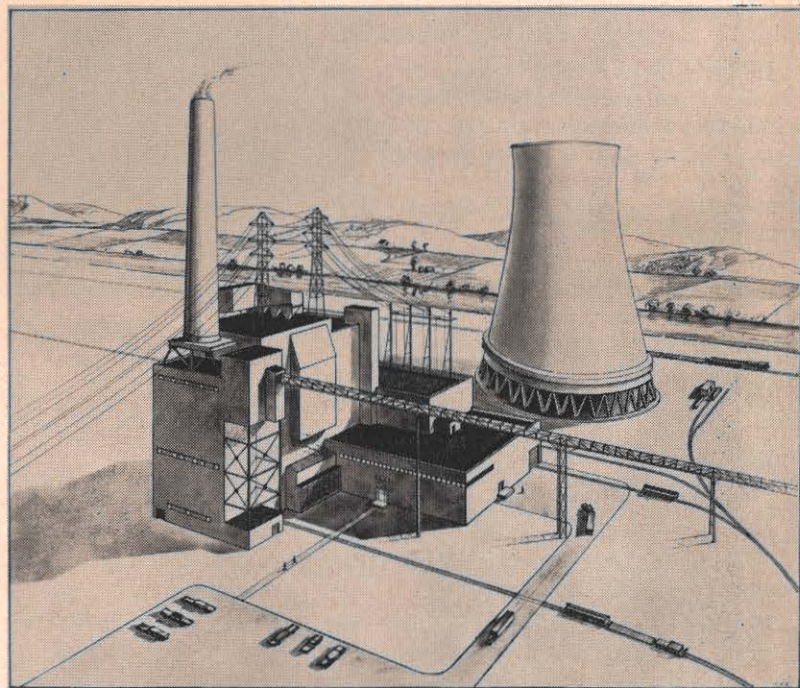
Announcement of plans to construct the Big Sandy plant was made in March. Upon completion in late 1962, the power plant is expected to use 750,000 tons of coal annually from eastern Kentucky mines.

Second Unit

The site and design of the first unit will permit addition of a second unit when further economic development of the region requires it.

Excavation work was scheduled to begin immediately after the groundbreaking. Kentucky Power has let a contract with Green Construction Company of Oak Town, Ind., for the excavation and moving of an estimated 500,000 cubic yards of earth at the site. Earth moving will be completed in October.

Various contractors will build the plant. Peak employment is expected



An architect's rendering of the Big Sandy plant of Kentucky Power. The plant's cooling tower is the large structure at right. See Page 3 for a story on this cooling tower.

to reach 600 workers. Upon completion, the plant will be operated by about 90 Kentucky Power employees.

Equipment

Westinghouse Electric Corporation is building the steam turbine and generator for the plant. It is capable of supplying more than the electric service requirements of all of Kentucky Power's customers. The additional output will be absorbed by the seven-state AEP System power network. The generator will operate at a steam pressure of 2,400 pounds per square inch and a steam temperature of 1,050 degrees F.

Babcock & Wilcox Company will build the 150-foot-high boiler, which will be of the pulverized fuel fired, reheat type. It will have a capacity of supplying 1,890,000 pounds of main steam per hour and 1,534,000 pounds of reheat steam per hour.

Breed's 475,000 Kw Unit In Commercial Operation

The world's largest electric power generating unit—capable of fulfilling the electric requirements of more than a million average American homes—is now in commercial operation.

The giant 475,000 kilowatt turbine-generator at Indiana & Michigan Electric Company's single-unit Breed plant in Sullivan County, Ind., went into commercial operation last month.

At the same time it was announced that the generating capacity of the unit had been revised upward to the new rating of 475,000 kw from the original level of 450,000 kw. The unit had undergone extensive tests and had been successfully operated at close to 500,000 kw. Based on this performance, the revised rating was established.

A similar unit is now under construction, and due to be completed later this year, at Philip Sporn plant. The rating of this unit has also been revised to 475,000 kw.

The new unit at Breed will boost the entire AEP System's capacity

'Man Of Year' Title Honors A. G. Phlegar

Princeton's Man of the Year is Archie G. Phlegar, as selected by the Princeton Junior Chamber of Commerce.



Mr. Phlegar

The Princeton heating and builder sales engineer in the Bluefield district was selected for his outstanding work in community advancement.

The award goes annually to young men between 21 and 36. Archie is internal vice president of the Jaycees, although being a Jaycee is not a requirement for winning the award.

above the 6-million kw level, making it the first private utility system in the world to achieve that milestone in generating capability.

The commercial operation of the unit—which is 40% larger than the next biggest turbine-generator now in service—comes as the climax to a period of construction and testing that extended over 3½ years. The plant is tied into the I&M (which now has a total generating capability of over 1,450,000 kw, an increase of about one-third) and AEP power systems by a 186-mile, double-circuit, 345,000-volt transmission line extending to a new station near South Bend. This new line increases to 1,226 the number of circuit-miles of 345,000 volt line extending throughout the AEP System.

(See Breed, Page 3)

(See Directors' Tour, Page 3)

A Lion Stalks Your Street

In Washington, D. C. a little toddler was recently mauled to death in a lion cage . . . and the news sent a shock-wave surging through every home in America. Just the other day a youngster visiting the Racine, Wisconsin Zoo was mauled by a bear . . . and again the headlines told a shocking story.

"If it had been my child," thinks a Westfield mother, "I—I just couldn't go on!"

"I'd never get over it. I'd go out of my mind!" declares a Freeport father.

In Springfield, a man looks up from the cruel story, sees his boy through the window, pushing a toy truck over impassable mountain trails in the sand-pile. He tosses the paper aside and—almost desperately—hurries outside to pal around with his son.

And in White Plains, a young woman's eyes narrow in agony as they follow the story. She knows, too well, what it is to lose a little girl.

But now the Westfield mother starts her car and slams out the driveway, in reverse. She checks the rear-view mirror, but it doesn't pick up the blind spot right behind the car where—minutes before—her daughter had been sitting, then crawled off to trail a tantalizing butterfly. The grim lion of tragedy doesn't strike now, *but* some day . . .

The Freeport father starts up his power mower. One swath across the lawn, and his wife calls from the porch, "Oh Ray—telephone!" He jogs inside, leaving the mower on. His son, on a tricycle nearby, studies the chugging mower, starts to dismount for a closer look at the fascinating, whirling blades—and then a neighbor boy shouts, "C'mon, I'll race you 'round the block!" The lion doesn't strike now, *but* some day . . .

The man in Springfield bundles his boy into the car and spins off toward the drug-store, slashing through a blind intersection at 25 mph. Another car plunges through from the right . . . three seconds later. The lion doesn't strike now, *but* some day . . .

Only the young woman in White Plains is truly wise. She remembers those small fingers, eagerly reaching up for the pot handle jutting out from the stove—and then the cascade of searing, steaming death! The memory is so cruel, so constant, now. Perhaps some day . . .

The grim lion is not confined to zoo and jungle. It stalks the streets of Westfield, Freeport, Springfield, White Plains! Do you *know* this? Do you know that the child-killer is always near? That you must keep it forever caged, or some day—some *terrible* day . . .!

—Contributed

The Illuminator

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Your Opinion

In spite of periodic campaigns against them, some people still have bad telephone manners. What is your pet peeve among telephone discourtesies?

IN THE SPOTLIGHT



DIXIE FOSTER, Clerk-Stenographer, Cabin Creek Plant

In many instances the telephone is the only contact one has with another and telephone personality is essential to establishing good impressions, good business relationship, and good friendship. I, as well as most others, am inclined to have a mental image of the person on the other end of the line. Therefore one should always be as polite, kind, thoughtful, and pleasant as if he were meeting the person face-to-face.

I like to hear a pleasant voice who identifies himself, states whom he wishes to speak to, and who has the patience to accept slight delays.

My pet peeve is rather simple—failure to have telephone personality.



FRANCES HARVEY, Home Service Representative, Point Pleasant

In today's world with everyone always in a hurry the telephone has become an essential part of our lives. In both the home and the office the telephone can save us time and energy.

You would think that as often as we use our telephone we would learn how to use it correctly, yet there are still many people who have poor telephone manners.

One of my pet peeves among telephone discourtesies is people who let the telephone ring only two or three times and then hang up. By this time you are just placing your hand on the phone after running from the kitchen or another office; when you answer all you hear is the dial tone.



EVELYN G. MAXEY, Private Secretary, System Area Development

According to a very reliable source, Webster's to be exact, courtesy is an expression of respect. When I associate this word with the telephone, it often loses its meaning. The telephone today has become an instrument through which one's self-respect is frequently denied due to the loss of personal contact.

Two of the persistent discourtesies which I am confronted with are abruptness from long distance operators and the non-identifying caller.

In my department, it is imperative that we know who is calling to be sure we don't miss an industrial client, etc. To accomplish this, I ask the question daily, "May I ask who is calling?" This seems to be the first thing I do wrong each day. The operator very abruptly sings out, "I don't have that information." Then I am left in mid air for a while. This occurs especially when my southern drawl is extended to a northern operator. Sometimes I wonder if they know the war between the North and South is over.

Then there is the non-identifying caller who asks for Mr. Jones, who happens to be out at that time. Without another word he says, "Have him call me" and hangs up the phone. The secretary suddenly realizes she is a failure because she did not recognize his voice (she may or may not have heard it before).



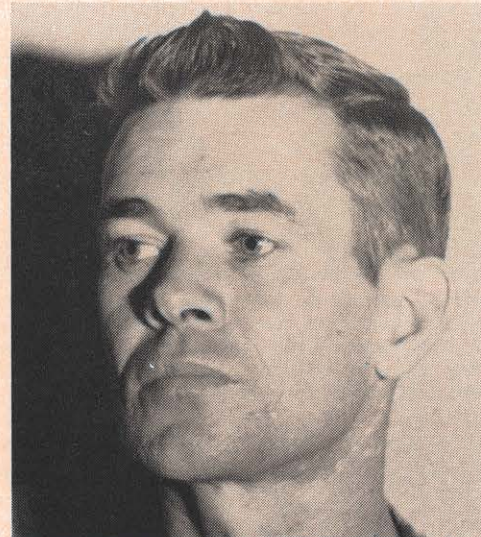
MILFORD A. LAYNE, Engineering Record Clerk, Pikeville

Our manners are put on display in our daily use of the telephone. Telephone manners reflect to a great extent the character and temperament of the user.

The telephone company advertisement of "the voice with a smile" is a good example. It promises that the call will be not only helpful but cheerful and pleasant as well.

My pet peeve is the impatient caller, for at times impatience borders on rudeness. Consideration should always be given to the fact that our fellow employees are probably as busy with their work as we are with ours and he or she may need a few minutes to compile the information we want.

Patience and courtesy when using the telephone will promote better relations with our customers and among employees.



ROBERT L. TIPTON, PBX Operator, Kingsport

The telephone is a wonderful device when used properly and with the same good manners and courtesy to others that you would like to receive in return.

My pet peeve among the many telephone discourtesies is the one who leaves the re-

ceiver off the hook. Sometimes children will play with the telephone and not place the receiver back in its proper place.

There are some wives who like to make sure their husbands are not disturbed due to working the night shift and intentionally remove the receiver. A few just like to make sure no one else will use the party line and leave the receiver off until they are ready for a call.

These people only think of themselves, not realizing it could mean life or death in an emergency.



HELEN BRINEGAR, Payroll Clerk, Bluefield

Courtesy has not always been easy on the telephone. In the old days of the wall crank phone, everyone was on the same line. When you rang a neighbor, it automatically signalled all subscribers to connect in and get the latest news. It was difficult to be courteous when there was the series of click, click, click of everybody tuning in.

With modern phones, private lines and dial systems, even the operator cannot tune in. However, if you still have a party line, consideration and courtesy are important to all. Everybody will enjoy better service if each conversation is reasonably brief, calls are spaced so that other parties can place calls, too, and lines are promptly surrendered for emergency use.

On private or party line, keep a smile in your voice, call the other party by name if possible, put the phone down gently, and make the other party feel glad he called.



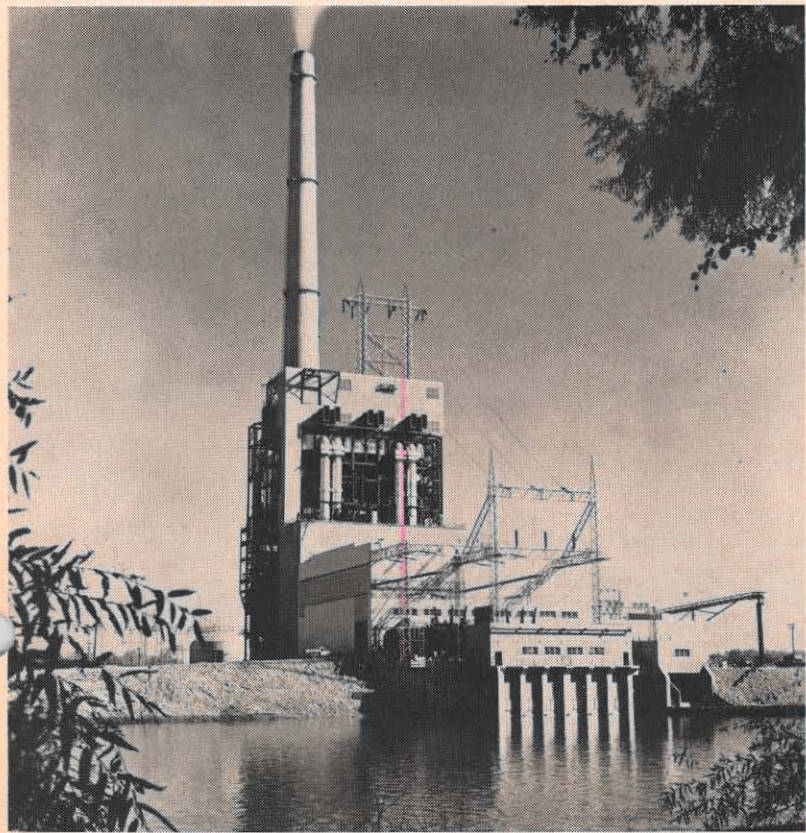
J. W. WRIGHT, JR., Utility Clerk, Fieldale

Today a great percentage of both our social and business life is conducted by telephone. This being true, telephone courtesy is of utmost importance.

Lengthy interruptions which leave a person dangling on the other end of the line can be a nuisance. Have all material pertaining to call at hand before placing call to save time for you and party called.

Wrong numbers often irritate us, but they are often mechanical rather than human errors and are unavoidable. However, whichever they may be we can answer the call in a courteous manner with as little loss of time as we can in a discourteous way.

The golden rule of telephone manners will not justify unpleasant, discourteous telephone conversation.



I&M's Breed plant, with its single 475,000 kilowatt unit, is now in commercial operation.

Breed Plant . . .

(Continued from Page 1)

Total cost of the plant, where only finishing touches remain, is estimated

Ira Wiley Elected Mayor Sixth Time

The people of Glen Lyn approve of the way Ira Wiley runs the town administration.



Mr. Wiley

They have just elected the retired coal-handling foreman mayor of the town for his sixth consecutive term. Before being elected first in 1950, Mr. Wiley had served as

member of town council ever since the town was incorporated in January 1926, except for one term. Also elected to council terms during the recent election were R. E. Hare, a retired employee, E. A. Painter, maintenance supervisor, and O. S. Knight, unit foreman.

Formosan Engineer, Chung Sun, Visits Company Plants In Tour-Study Program

Continuing its cooperation with representatives of foreign power companies visiting America, Appalachian last month played host to another Formosan visitor, Mr. Chung Sun.

Mr. Sun spent the week of July 4 at Cabin Creek plant, studying operations there, paying special attention to the maintenance of electrical equipment. He expects to carry back to his country and company many practices and ideas to improve electric service in Formosa. In addition to visits at Cabin Creek, Kanawha and Philip Sporn plants, Mr. Sun will also observe operations at plants belonging to TVA, Alabama Power Company, Duke Power Company, Metropolitan Edison Company, Virginia Electric & Power Company, Philadelphia Power Company, and electrical equipment manufacturers. His nine-month U. S. visit is sponsored by the International Cooperation Administration.

In Formosa, Mr. Sun is an electrical engineer with the Taiwan Power Company, a government-owned operation. He is supervisor of the electric division of the Peipu steam plant in northern Formosa. It has three units totaling 75,000-kw, using coal as fuel, and employing 150 persons. He said that his company is in-

creasing its capacity at the rate of about 19 per cent a year, but that there is still a power shortage. At the present time 80 per cent of all power generated goes to industry, and the remainder is rationed out to commercial and domestic users.

at \$71.5-million. This is exclusive of the various transmission switchyard, station and line facilities required to interconnect and integrate the plant with the rest of the I&M system. The plant's unit not only is the largest in the world from the standpoint of capacity, but also is expected to be the most efficient power producer ever built. Major contributing factors to the anticipated efficiency, aside from the unit's size, are its steam pressure of 3,500 pounds per square inch, an initial steam temperature of 1,050°F., and double steam reheat temperatures also of 1,050°. (At 3,500 p.s.i. pressure, the Breed unit is well above the critical-pressure level of steam — 3,206 p.s.i. — at which point water passes into steam without an intermediate boiling stage.)

Provision was made in the plant's design for the eventual construction of a second 475,000 kw unit.



J. A. Moore, Cabin Creek plant manager, shows Chung Sun a 2300-volt air circuit breaker in the course of Mr. Sun's week-long visit at the plant.

Unique Cooling Tower To Service Big Sandy

A giant cooling tower rising 320 feet above the ground—the first of its kind ever used in the Western Hemisphere—will be built adjacent to Kentucky Power's new Big Sandy plant near Louisa.

A contract for construction of a Marley-Mouchel cooling tower has been awarded to The Marley Company, of Kansas City, Mo. Construction is expected to start this fall and will take an estimated 18 months.

The tower will provide the vital and constant supply of cool water required by the power plant's condenser for steam-condensing purposes. It will be hyperbolic-shaped and erected on a stilt-like structure. Long popular in foreign countries, including England, South Africa, India and several European nations, this design has never before been used in North or South America. Its selection came after a two-year study by engineers of the American Electric Power Service Corporation, which designed the power plant.

The shell of the circular tower will be of reinforced concrete. It will be 320 feet high, 245 feet in diameter at the base, tapering to 130 feet at its narrowest point near

the top, then widening again to 140 feet at the top. The bottom 10 feet of the tower will be open, except for concrete columns on which it will rest, to provide passage for the huge amount of cooling air required.

Fred Carman Named Resident Engineer

F. R. (Fred) Carman has been named resident engineer for Kentucky's new \$39 - million Big Sandy plant near Louisa.



Mr. Carman

Mr. Carman has served as resident engineer during construction of three plants on the AEP System. He most recently served at Kammer plant, Captina, W. Va., where two of the plant's three 225,000 kilowatt units are owned by Ormet Corporation and the third by Ohio Power, which operates all three units. He has been at Kammer since 1956.

From 1952 to 1956 he was resident engineer at Ohio Valley Electric Corporation's Kyger Creek plant, Cheshire, O. The 1,075,000 kw plant was one of two built by 15 electric utility companies to supply the Atomic Energy Commission's Portsmouth Area Project. Three AEP System companies are members of OVEC.

Prior to his assignment to the Kyger Creek project, he was resident engineer during construction on the 150,000 kw units 3 and 4 at Philip Sporn plant.

A civil engineer, Mr. Carman received his education at Tri-State College and West Virginia University.

Directors' Tour . . .

(Continued from Page 1)

(engineering and construction); Walter O. Menge, president, Lincoln National Life Insurance Company, Fort Wayne, Ind.

Also Sidney A. Mitchell, Trust Administrator, New York; Charles H. Stockton, Choate, Hall & Stewart law firm, Boston; and Harry A. Winne, Schenectady, N. Y., retired vice president of engineering of General Electric Company. Not able to make the trip were John S. Battle, Perkins, Battle & Minor law firm, Charlottesville, Va., former governor of Virginia; Clarence E. Hall, Hall, Wainwright & Archer law firm, Philadelphia; R. T. Haslam, Consultant, New York; and Harold Turner, AEP Service Corporation executive vice president (operation).

A Little Thing — But Oh How Big!

There's no denying it, children have a knack for getting right to the heart of a problem and doing something about it. Five Charleston youngsters recently proved this again.

As reported by George Lawless in his "The Gazetteer" column in the *Charleston Gazette*, there is a fund-raising campaign on for the building of a Marmet Hospital for Crippled Children. The burden for such a project usually falls on the shoulders and pocket-books of adults.

But these five youngsters, two of them children of John Hammer, Charleston division personnel assistant—Lehigh, age 6, and Jed, age 7—decided part of the responsibility was theirs.

What the kids did was hold a "talent show" for the neighborhood in the basement of one of their parent's home. Then one of the children walked into the Marmet Hospital fund's headquarters with a cigar box.

As Mr. Lawless reports it: "In it were the funds raised, the monetary rewards for their unsolicited project — \$4.05 toward helping some cripple to cope with the fast-moving world. It's a little thing. But . . . oh, how big it is."

For First Time

Global Power Production Exceeds Two-Trillion Kwh

In 1959, for the first time, electric power production throughout the world surpassed two-trillion kilowatthours.

According to estimates of the Edison Electric Institute, last year's global production of electricity amounted to 2,080,294,000,000 kwh. This is an increase of 9.7% over the 1958 estimate of 1,895,900,000,000 kwh.

The United States generated approximately 38% of the world total—794.5-billion kwh, an increase of 69.8-billion or 11% over 1958. On the other hand, Russia's portion of the global figure was slightly over 12½%—264-billion kwh, an increase of 13.1% over the previous year.

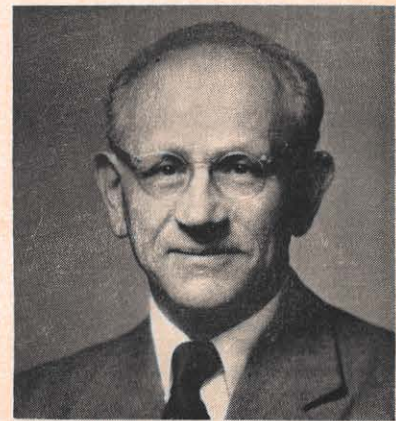
Of all the major nations, Red China showed the greatest percentage increase in generation. In 1959, the world's most populous country generated 41.5-billion kwh, compared with 27.5 billion kwh in 1958, up almost 51%.

It is interesting to note that only 11 nations produced more electric power in 1959 than was generated on the American Electric Power System. Last year, AEP System plants generated 29.3-billion kwh—a figure representing 1.4% of the world total. (In 1958, there were 12 countries which exceeded AEP production of power.)

Hot circulating water coming from the plant's condenser will be pumped into the tower at a level 40 feet above its base, from which point it will fall through wooden packing. Here, heavy masses of air, drawn up by the draft action of the tower, will evaporate a small percentage of the hot water and so cool the balance.

The Marley Company previously constructed the series of cooling towers in use at the Clinch River plant of Appalachian. These towers are rectangular box-shaped and utilize large fans for cooling, with four now in use and two to be constructed. These are in contrast to the natural-draft tower at Big Sandy.

President Sporn Marks 40th Year



Mr. Sporn

The year was 1920. The League of Nations was being founded, Woman's Suffrage was being adopted, Harding and Coolidge were defeating Cox and Roosevelt, and the population of the United States was soaring to 106-million.

It was also the year when a young engineer went to work for the then American Gas and Electric Company in New York City. His name: Philip Sporn.

Today, 40 years later, as president of American Electric Power Company and each of its operating companies, Mr. Sporn heads one of the world's leading private electric utility systems (a job he's held since 1947).

His 40-year pin was presented recently in Charleston, W. Va. The occasion was a civic dinner during the annual System tour of the AEP board of directors, and the presentation was made by the recipient's longtime friend and colleague, Graham Claytor, retired executive vice president.

Although Mr. Claytor didn't say so in so many words, it was evident to those present that four decades had wrought some great changes in the System which Mr. Sporn had helped to build. For example:

In 1920, total generating capacity of the AEP System was 224,000 kilowatts; today, that's less than half the size of the System's newest generating unit, and total capacity is over 6-million kw.

In 1920, the System had 160,000 customers; today, the System provides service to almost 1.4-million customers.

In 1920, AEP sold 440-million kilowatthours; today, our largest industrial customers use more electricity than that, and our total sales are close to 27-billion kwh a year.

In 1920, company assets were \$33-million; today, these assets have grown to almost \$1½-billion.

And, in 1920, the company had net earnings of \$1½-million on operating revenues of \$16½-million; today, earnings are running \$52.8-million on revenues of close to \$332-million.

Happenings

Around the Circuit

... Among Employees and Their Families

HUNTINGTON

Huntington

Four employees, active and retired, have assumed new civic duties . . . the retired employee, A. T. Wilks, is the new chairman of the Huntington Chamber of Commerce's acquaintance committee . . . Azel McCurdy, Jr., personnel supervisor, has been appointed to the home safety committee of the West Virginia safety Council . . . W. R. Wagner, area supervisor, is treasurer and Kyle D. Moore, heating and builder sales representative, is director of the Milton Lions Club . . . Jane S. Keller, records section stenographer, and W. R. Peyton, division power sales engineer, have resigned . . . Mrs. Ethel L. Hyldahl, draftsman, has been elected to a two-year term on the national council of the Auxiliary of the Veterans of Foreign Wars. She will represent Kentucky, Ohio and West Virginia.

Williamson

A recent highlight in Williamson was the State Elks Convention, hosted by the Tug Valley Elks Club. Emma Warren, maid, who is Daughter Ruler, delivered the welcome address, and George Hairston, janitor, who is state vice president, served as master of ceremonies at the banquet . . . Eddie Solovey, draftsman, has resigned . . . Larry Corea, son of Lorraine Corea, secretarial-stenographer, attended the National Boy Scout Jamboree in Colorado Springs, Colo. . . . Barbara Williamson, home service representative, is to be a judge for several events at Matewan's annual Magnolia Fair. . . . A dinner meeting was held for THE ILLUMINATOR reporters of the district. Talks were given by E. J. Clouser, correspondent, and Lorraine Corea. Copies of the revised "Guide for ILLUMINATOR Reporters and Correspondents" were given to these reporters: A. O. Hatfield, H. D. Hatfield, Naomi Cantees, H. W. Cerrato, Helen Honaker, Alberta Shelton, Henry Kiser, Jr. and Eddie Herald.

Logan

Sixteen more district employees know standard first aid now, thanks to Richard Blevins, engineering aide, who just taught his first class. The 16 are P. H. Adams, Forest Browning, Jim Butcher, Chester Elkins, H. E. Garrett, Coonie Hager, Dallas Kinser, Alpha Osburn, Elba Samson, James Sullivan, Lester Toler, R. L. Trammell, H. S. Trussell, V. C. Mauck, H. S. Jimison and S. C. Halstead . . . Jim Harless, husband of Harriet, home service representative, received a scholarship in guidance at Marshall College this summer. He is an instructor at Man High School, and the scholarship is one of 25 Marshall gives in counseling and guidance.

In civic and church work, C. E. Yeager, engineering aide, was elected president of the Men's Fellowship

of the Justice Christian Church, while H. K. Spears, working foreman, was named worship chairman . . . H. J. Collins, personnel supervisor, was appointed to the Governor's Committee on Vocational Rehabilitation, and was named cabinet secretary-treasurer for District 29-0 of Lions International . . . Dallas Kinser, station man, recently received his two-gallon blood donor pin.

BLUEFIELD

Pulaski

Church, school and social activities occupied employees and their families last month . . . H. P. Grubb, Wytheville area supervisor, was reelected to the official board of St. Paul Methodist Church, and David D. Taylor, Wytheville local office supervisor, was elected Sunday School superintendent for the fourth time at Main Street Christian Church . . . Brenda Sue Allison, daughter of Frank P. Allison, Wytheville truck driver-groundman, is a member of the Wytheville High School band and accompanied it to St. Louis for the National Jaycee Convention. The band captured second place . . . Mrs. Helen Cox Bane, July bride, was entertained at a dinner by Pulaski office employees, at a morning coffee by Mrs. Frederick Whitaker, and at an after-rehearsal party by Mr. and Mrs. H. B. Newland and Mr. and Mrs. Bruce B. McCall. Helen is petty cash clerk.

Abingdon

Abingdon employees recently elected officers in the Abingdon Lions Club were James M. Cole, commercial sales engineer, first vice president, and W. L. Smythers, line inspector, third vice president . . . Fillmore McPherson, Jr., district manager, was elected a director of the Glenrochie Country Club.

Bluefield

It's convention time again, and Bluefield employees are taking their usual active part . . . Bertha M.

Doris Asbury Earns Marshall Degree

Earning a degree in home economics from Marshall College was Doris Herald Asbury. She is the daughter of Wayne Herald, Williamson meter reader.



Mrs. Asbury

She graduated in 1956 from Crum High School, and was valedictorian of the class. At Marshall, she was a member of the Home Economics Club, Alpha Sigma Alpha sorority, and Kappa Omicron Phi honor fraternity. She has accepted a teaching position in a Cabell County school this fall.

Hall, Princeton utility clerk, and former Governor of the First District of Quota International, recently attended the Quota International Convention in Toronto, Ontario . . . Mary Ruth Chambers, system secretarial-stenographer, and Lois K. Rounion, division secretarial-stenographer, represented the Bluefield Chapter at the International Convention of the National Secretaries Association (International) held recently at the Hilton Hotel in Pittsburgh, Pennsylvania . . . Congratulations are in order to John B. Kahle, division heating sales engineer; Mrs. J. Leonard Hale, wife of the Pearisburg meter reader; and W. J. Gillespie, Jr., district manager. Mr. Kahle, a member of the board of directors of the Bluefield, Virginia, Lions Club, has also been elected third vice president of the organization. Mrs. Hale was elected spiritual life secretary at the annual meeting of the Tazewell District Wesleyan Service Guild. Mr. Gillespie was elected first vice president of the Bluefield Chamber of Commerce . . . Anne Turner, stenographer, copped medalist honors in the qualifying round for the Vice President's Cup at the Bluefield Country Club. Her score, 39-37=76, was the lowest ladies' score recorded at the club in several years . . . Welcome to new employees Mervyn E. Anderson, T&D department; John W. Hurt, building service department; and Robert L. Dunn and Donald L. Buckland, commercial department. Catherine D. Wagner, who was a previous employee, has been re-employed as a member of the accounting department . . . Accounting department employees presented Joyce A. "Dusty" Dickinson numerous gifts upon her resignation.

Welch

Employees' families made news . . . Louise, wife of C. R. Settle, district superintendent, was presented a life membership in the Women's Society Christian Service of the Methodist Church . . . William, son of C. K. Kirkland, district manager, graduated from VMI with a civil engineering degree, and joined the Kentucky Highway Department . . . Stephen Greene, foster son of Sank Smith, personnel supervisor, attended the Boy Scout Jamboree in Colorado Springs, Colo. . . . Bertha E. Vecellio, stores record clerk, has resigned to get married.

Glen Lyn Plant

J. O. Heslep, coal handling supervisor, and R. H. Walton, Jr., plant engineer, have been elected to Rich Creek's town council.

Clinch River Plant

Two plant employees were re-elected to town councils and another made it on his first try . . . John J. McAvoy, filter plant operator and sampler, was renamed at Lebanon, and Dorse E. Campbell, auxiliary equipment operator, retained his Cleveland council position . . . K. Odell Kiser, plant guard, will be on Cleveland's incoming council after receiving more votes than any

other candidate . . . H. Freeman Roush, yard foreman, was elected third vice president and Bobby Campbell, construction department timekeeper, was named secretary-treasurer of the Cleveland Lions Club.

KENTUCKY

Hazard

Welcome to Jenny Whitaker, new clerk trainee in the commercial department . . . Charles A. McKinney, Jr., serviceman, has resigned to become owner and operator of the Lovely Construction Company, a contractor for the district.

Ashland

Waldo S. LaFon, assistant general manager, was a prize winner in the amateur division of the recent Kentucky Open Golf Tournament in Ashland.

Pikeville

Toney Robinette, son of Betty Robinette, managerial secretarial-stenographer, was selected to go to the Boy Scout Jamboree in Colorado Springs, Colo.

KINGSPORT

John E. Faust, power sales engineer, was elected chairman of the Kingsport Chapter of the American Red Cross . . . James C. Denton is a new station section employee . . . James J. Potts, working foreman, has resigned.

ROANOKE

Fieldale

Meeting their civic responsibilities are two more Fieldale employees . . . J. D. Higgins, commercial sales engineer, who is past president of the Collinsville Lions Club, has been re-elected to his second term as chairman of Lions International Zone 2, District 24E. He was also appointed district chairman for membership conservation . . . E. L. Munday, Jr., district manager, has been appointed a member of the sub-committee of

the area development committee of the Martinsville-Henry County Chamber of Commerce.

System

Fannie C. Lavender and Brenda J. Keith have resigned from system accounting.

Roanoke

Dewey B. Roberts, division air conditioning engineer, has resigned.

Lynchburg

Continuing their community work, Loyd T. Smith, administrative assistant, was appointed chairman of the Rotary Club rural-urban committee, and D. C. Kennedy, district manager, was appointed to a second three-year term on the Lynchburg School Board.

CHARLESTON

Charleston

Several paintings by John Griffie, division heating and builder sales representative, were featured at a July exhibition at the Charleston Art Gallery . . . Four employees have resigned—Dewell Dunlap, appliance serviceman; Bob Stealey, St. Albans meter reader; German Summers, Kanawha Valley Power Company hydro plant clerk; and Carl E. Thomas, car washer . . . Albert Lewis Calloway is a new car washer at the Virginia Street garage.

Beckley

Congratulations to B. B. Corker, district supervising engineer, who has been elected third vice president of the Beckley Lions Club, and to Mrs. Dorothy Barker, wife of James C. Barker, dealer sales representative, who has been named vice president of the Briardiff Garden Club . . . R. L. Lively, co-op student engineer, has returned for his fifth work assignment.

Point Pleasant

Fraternal and youth activities made news in the district . . . Paul F. Rairden, R/w agent, was elected commander of Franklin Commandry 17, Knights Templar . . . K. G. Rush, area serviceman, was appointed senior warden in the Buffalo Masonic Lodge . . . Tina, daughter of L. C. Bias, local office supervisor, and Linda, daughter of Rose S. Martin, (See Point Pleasant, Page 8)

Colonel Commands Reserve Unit



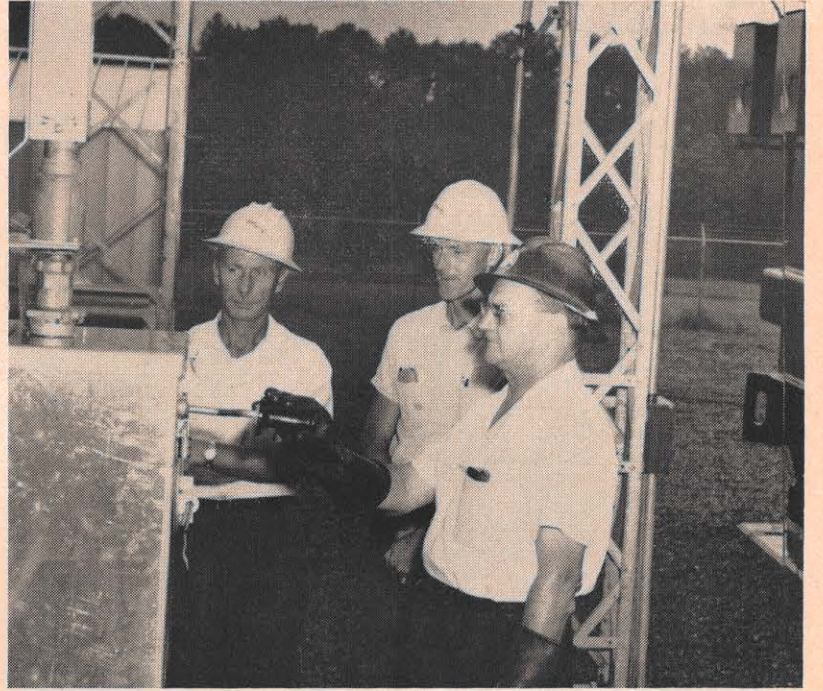
Col. John B. Whitmore, left, accepts the command of the Roanoke 2012 United States Army Reserve Logistical Command C from Col. James P. Hart, Jr., retiring commander. Mr. Whitmore, Roanoke division planning engineer, has been a reserve officer since 1933 and was on active duty for four years from 1941 to 1945. He became a colonel in 1953. Photo Courtesy "Roanoke Times."

An Eagle In Abingdon



Recently honored with rank as Eagle Scout in Abingdon was L. C. Angle III, center, member of Abingdon Troop 21. He is the son of L. C. Angle, Jr., on the left with Mrs. Angle. At right are the Eagle's brother, David, and his scoutmaster, J. R. Cornelius. Mr. Angle is Bluefield division power sales engineer.

Station Energized



J. H. Horne, system senior operating engineer, throws the switch to energize Appalachian's new 138/69/34.5 KV station at Catawba, near Roanoke. With him are Ted Carroll, left, system senior relay engineer, and Marvin Pollard, electrical engineer. Catawba is the fifth large station serving Roanoke.

And Another In Roanoke



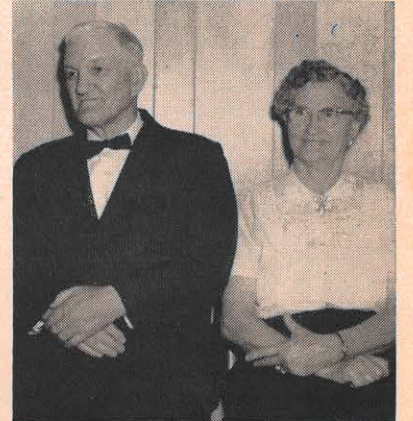
Another Eagle Scout, this one in Roanoke, is James A. Mundy IV, son of J. A. Mundy III, system employee relations supervisor. Shown with him here at presentation ceremonies are his mother, and J. J. McNeeley, scoutmaster. James is presently assistant scoutmaster of Troop 28, and entered Virginia Polytechnic Institute this summer.

Freak Accident



In the last issue of "The Illuminator" there was a story about a truck that ran into a pole, interrupted, then freakishly restored service. This month, Fieldale wins the Freak of the Month contest with this picture showing a truck that snapped a pole, then loaded it automatically into the truck body.

Golden Anniversary

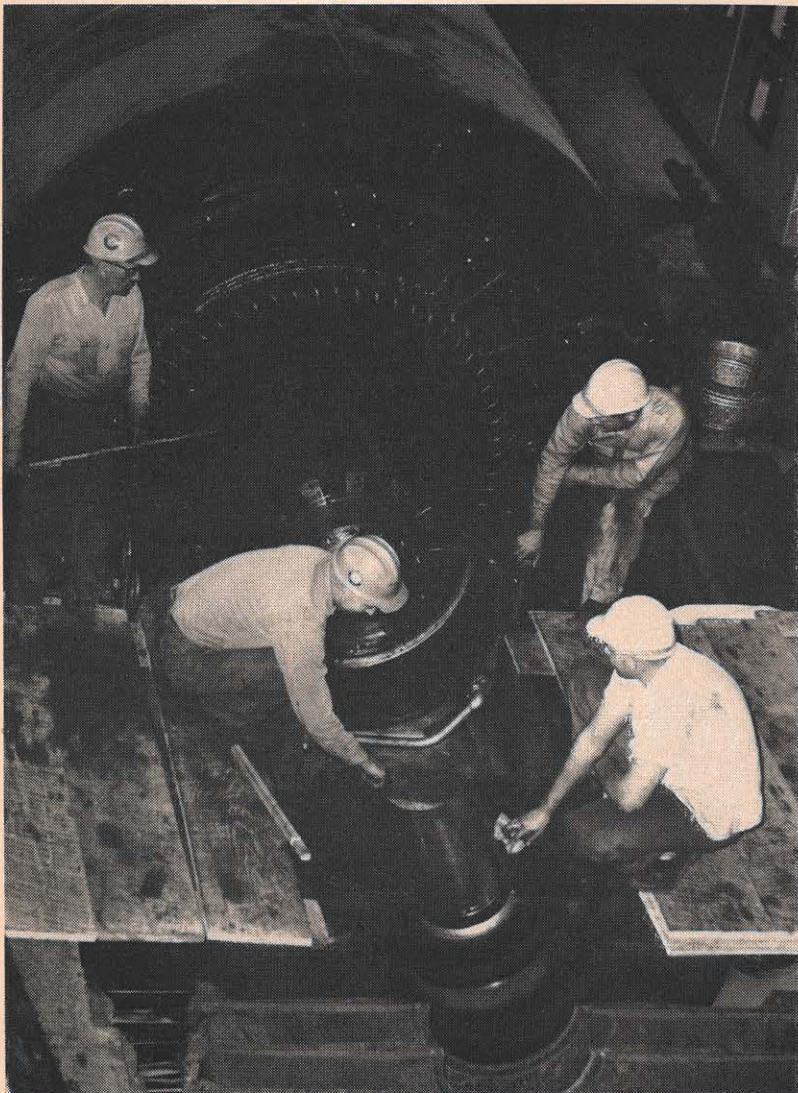


Celebrating their fiftieth wedding anniversary last month were Mr. and Mrs. Percy J. Creasey of Chelyan. Mr. Creasey is a retired employee of Cabin Creek plant, and he and Mrs. Creasey have made their home in Chelyan ever since their marriage.



Camera Roundup

Logan Overhaul



Overhauling Unit No. 4 at Logan plant during its recent shutdown are Ray Pridemore, C. W. Hamblin, G. W. McAbee and B. W. Mann. The six-weeks' outage started June 20. Approximately 20 operating department employees worked along with the maintenance departments during the work.

4-H Project



Carolyn Webb, Roanoke division home service representative, assists a group of Roanoke County 4-H Club members to assemble standard lamps. Thirty-five 4-H'ers were in the class held in Roanoke recently.

Farewell Gift



Gifts for the retiring Ashland district manager, H. S. Scott, were presented to him and Mrs. Scott by district employees recently. Included were a camera, sterling julep cups, and a framed scroll bearing the signatures of all district employees.

Clinchers' Officers



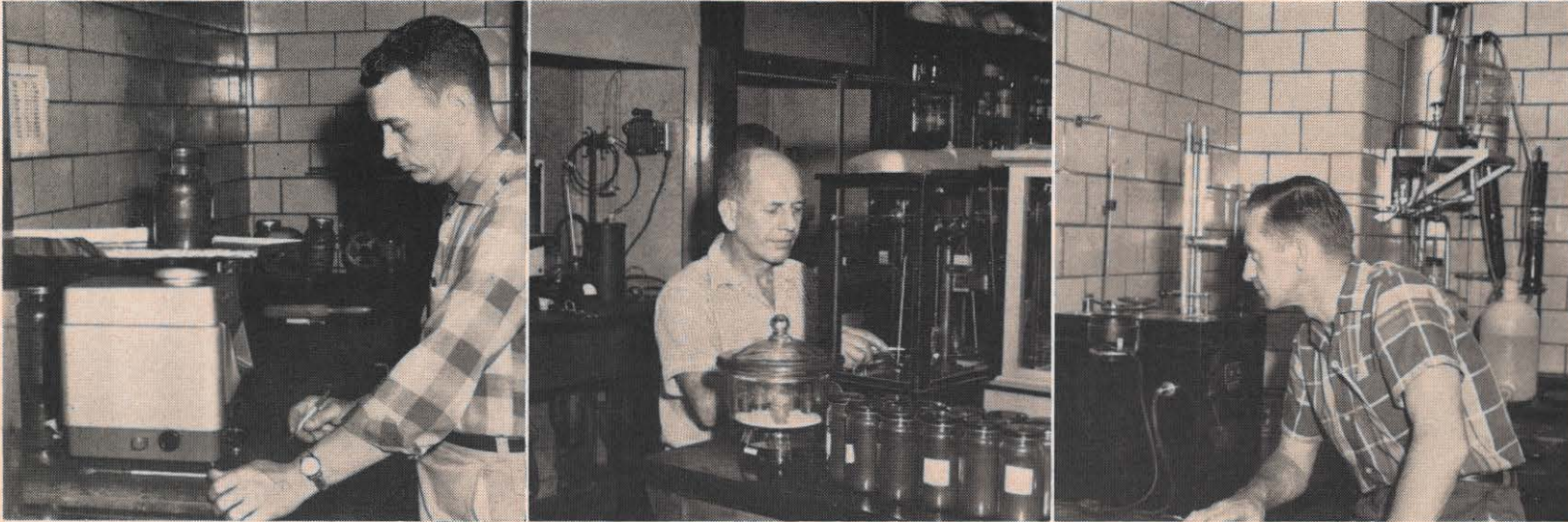
New officers of the Clinch River plant Clinchers are shown here. The group, a social organization formed to sponsor and support social and recreational activities for plant employees and their families, operates through the profits from the plant vending machines. The officers are Jack Blankenship, Betty Stevenson and Alvie Napier, president, secretary-treasurer, and vice president, respectively.

New Bowlers



Bluefield, heretofore without a bowling alley, will have two this fall. Close behind this news came the formation of the Bluefield Appalachian Power Company League. New officers, shown here, are Ernest W. Linkous, president; Grady L. Parker, vice president; Frances Keller, secretary, and Heber G. Stafford, treasurer.

Plant Efficiency Is Lab's Concern — Chemists At Glen Lyn Do The Job



James A. "Jim" Johnston makes an initial weighing of a coal sample before it is placed in the air-drying oven. This is one of several steps in coal analysis in the plant lab.

A weighing on an analytical balance, to determine the percentage of moisture, ash and volatile matter in coal samples is made by J. Alvin Saunders.

Taking a reading from the Beckman thermometers at the Parr Oxygen Bomb Adiabatic Calorimeter is James H. Oxley. The apparatus is used to determine the BTU (heat content) in a pound of coal.

Mention a power plant and most people think of giant turbines and tall stacks.

But it takes many other sections, machines and operations to make a plant what it is. And playing a major role in a plant's successful operation is the laboratory.

The plant lab at Glen Lyn can serve as an example of the valuable work performed by chemists and their assistants to make sure the plant is operating at peak efficiency. Labs in our plants are primarily control labs—controlling the coal, water and oil that is used and controlling the efficiency of some equipment.

The major duties at Glen Lyn for the seven employees working in the two-room lab consist of making analyses on coal, water and oil samples; inspecting internals of the boilers, heaters and condensers; analyzing deposits taken from boilers and other equipment; and protecting equipment that is removed from service by the dry storage method.

Controlling Coal

Coal samples are analyzed principally for payment of the coal and to calculate the plant's efficiency. Necessary, of course, are precision instruments and employees skillful in their jobs. But also important is the coal sample itself.

Getting a representative coal sample is accomplished with the help of an automatic coal sampler, which periodically removes a portion from a moving stream of coal as it is being

transferred from a railroad car to the plant bunkers by a belt conveyor. This primary sample is fed to a pulverizer where five percent is removed for a secondary sample. This in turn is hand riffled to a one-pound size for lab use.

When it reaches the lab it goes through several tests. The first test is air drying loss, where it is placed in an oven until surface moisture is removed. The sample is then ground to a two-ounce size for other analyses, including those for residual moisture, ash content, volatile properties, heat value of coal (btu's per pound), and sulfur content. From these tests an accurate picture of the coal that is being used to generate electricity at Glen Lyn plant can be obtained.



E. V. Harris, chief chemist at Glen Lyn plant's laboratory, is shown checking a coal analysis. Keeping abreast of the coal analysis and sampling requires a considerable amount of his time.

Water Treating

Two types of water are needed at a plant — industrial and sanitary. Sanitary water is used for drinking, lavatories, showers and the like. Industrial water is used for all other purposes, and gets considerable attention from Glen Lyn's chemists.

A plant uses large volumes of water for cooling, and this water must have periodic chlorine treatment. But water for high pressure boiler make-up is comparable to distilled water before it enters the boiler feed water cycle.

In order to produce this type water from a regular river supply, the water is treated with chemicals to form a coagulation reaction which helps clear it and remove sediment. It is then filtered and softened. Other chemical elements are removed by passing the water through an evaporator. Then it becomes vapor, passing into the boiler feed water system.

Water in this state can be corrosive, so additional chemicals in exact amounts must be added to eliminate this danger. Water is analyzed daily to make sure these chemicals are sufficient for their purpose.

The sanitary water is purified and harmful bacteria are removed.

These are the major functions of the lab at Glen Lyn. The pictures with this story illustrate how these jobs are carried out.

"Making Do" Old Hat To Welch Line Crew

Making do with what is available is a forte of our line gangs, especially in rural and mountainous areas.

The Grundy line crew of the Welch district proved this again recently. A slide uprooted a company pole when the Virginia Highway Department was doing some excavating for a new road. The uprooting threatened to tear down a section of the line, and the crew was dispatched right away.

The big problem was how to re-sink the pole—and the crew quickly found it was impossible, because another slide might uproot it again. Right above the slide area were some trees, to which guy wires were fastened. The line was then attached to these guy wires, temporarily suspending it.

The make-do set-up will hold until the slope is graded and firm ground or rock is reached. Then the pole will be re-set and permanent service installed again.

Pulaski Man Ends His Army Career

R. J. Blair, Pulaski district sales supervisor, has been transferred to the



Mr. Blair

Army retired reserve, marking the end of 28 years of service.

Mr. Blair entered the Army in 1932 when he graduated from Virginia Polytechnic Institute and was commissioned a second lieutenant in the reserve. From 1942 to 1946 he was on active duty, and spent three years in the African-Middle East theater. He returned to the active reserve as a major after the war. In 1953 he was promoted to lieutenant colonel.

Mr. Blair came to Appalachian in 1937 as rural service engineer. He was made district sales supervisor in 1959. In Pulaski he is active in the work of the First Methodist Church, is a member of the Lions, the Industrial Management Club, and of the Virginia section of the American Society of Agricultural Engineers.

Hillsville Band Wins Honors

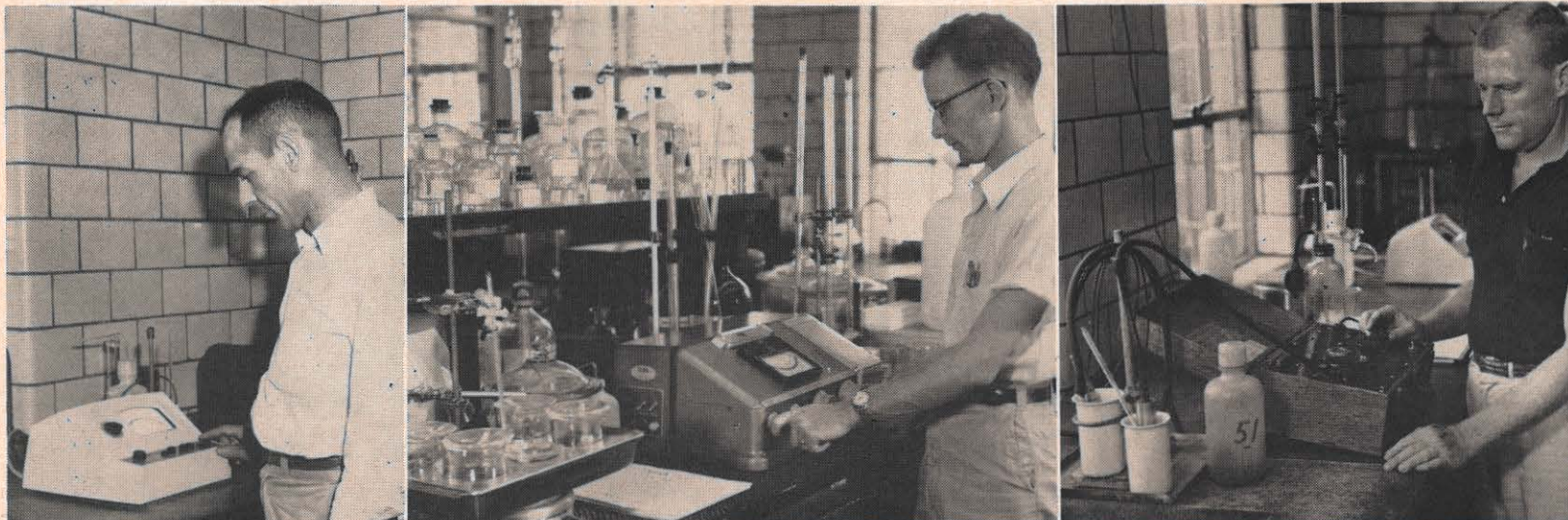
Competing against bands from other states and foreign countries, the 114-member Hillsville High School Band finished seventh in band competition at the Lions' International Convention last month.

The group was chosen to represent the Virginia Lions Club at the meeting, and took part in the three hour parade down Chicago's Michigan Avenue. Among those contributing to the band's excellent showing were Zora, daughter of C. A. Shepherd, line foreman; David and Yvonne, son and daughter of H. B. Shepherd, area serviceman; Harry, son of M. A. DeHaven, T&D clerk; and Linda, daughter of Paul L. Sowers, lineman.

Mr. and Mrs. H. B. Shepherd and Mr. and Mrs. Paul Sowers accompanied the group as chaperons.

The Hillsville Lions Club and citizens of the town, along with the band, raised \$6,000 to finance the trip. Four chartered buses carried the group on the five-day trip.

Since returning to Hillsville the band has received an invitation to appear at half-time at a professional football game this fall.



Milton McClaugherty uses a ph-meter to take ph-readings of boiler, service and sanitary water supplies in an analytical test on water.

Surrounded by bottles, tubes, burners and instruments is W. D. England, working at the Beckman Spectrophotometer. This instrument, sensitive to one thousandth of one part per million, is used to compare degrees of color in water.

Robert R. Coffman is measuring the electrical resistance of water at the conductivity meter. This instrument is widely used for determination of steam purity in the power industry.

Why Don't More People In U.S. Vote?

(EDITOR'S NOTE: The following article was prepared by The American Heritage Foundation. Its message is vital to every citizen in this presidential election year.)

One of the most precious privileges of American citizenship is voting by secret ballot in free elections. But when we Americans compare our voting record with that of other free countries, it comes as a shock to realize that our turnout at the polls is far below theirs. Here's the percentage of voters (a number of countries have compulsory registration and voting laws, some with penalties, some without) who turned out in recent elections abroad:

Austria, 95%; Italy, 93.8%; France, 89%; Turkey, 87.7%; West Germany, 86%; Greece, 85%; Indonesia, 85%; Israel, 82.8%; Denmark, 80.6%; Korea, 80%; Norway, 79.3%; England, 78.7%; Japan, 75.8%; Finland, 72%; Canada, 67%.

Voting For Presidential Election Years

Year	Civilian Population Of Voting Age	Total Vote For President	Percentage of Civilians of Voting Age
1920	61,495,000	26,813,000	43.6
1924	66,195,000	29,091,000	43.9
1928	70,993,000	36,812,000	51.9
1932	75,671,000	39,751,000	52.5
1936	80,055,000	45,647,000	57.0
1940	84,319,000	49,820,000	59.1
1944	90,599,000	47,976,000	53.0
1948	94,877,000	48,834,000	51.5
1952	98,133,000	61,552,000	62.7
1956	102,743,000	62,027,000	60.4

Mere exhortation will not persuade a nonvoter to cast his ballot. It is essential that every potential voter feel a keen sense of involvement in the government process. A citizen who is convinced of the importance of his one vote is more likely to go to the polls than the skeptic or cynic who scoffs, "Of what use is my single vote?"

In 1944, Senator Taft carried Ohio by less than 1 vote per precinct. In 1954, Senator Neuberger of Oregon won by the same margin. In 1948, Senator Lyndon Johnson was sent to the Senate by a majority of 87 votes from the huge State of Texas.

In 1954, Governor Harriman of New York won by a shade more than 1 vote per precinct. In 1950, Governor Williams of Michigan was elected by less than 1 vote for every 3 precincts.

In 1948, President Truman carried California and Ohio by less than 1 vote per precinct and thereby won re-election to the highest office in the land.

The same slim margin in the 1960 presidential election could again decide

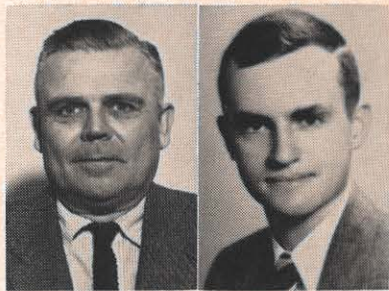
System, Point Pleasant And Welch Men Write Articles For 'Operating Ideas'

Five Appalachian men were authors of articles appearing in the combined July-August issue of *AEP Operating Ideas*.

C. L. Robison, Jr., system supervising breaker engineer, wrote "Repair Potential-Device Cables At One-Half Cost". He points out that formerly, when cable assemblies for high voltage bushing potential devices would fail, new ones were installed as replacements. Now a way has been found to rebuild bad cables by re-using the old terminal fixtures and connectors.

"How To Mechanize Record-Keeping Procedures" was written by A. H. Gravely, Jr., system operating engineer, and Lewis Young, engineering student temporary. The story relates the experiences and successes of the system operating department switching all transformer stations to punch-card operation. The new arrangement eliminates copying, typing and proofreading of unchanged data, thus saving time and money. It also simplifies sorting information in any required way. The system minimizes errors, makes it easier to change or update information, and speeds up reporting at the critical year-end period.

C. H. Murray, Jr., Point Pleasant



Mr. Gravely Mr. Young



Mr. Murray Mr. Bivens

line inspector, was the author of "Filling Cavities In Wood Poles." He relates experiences in using Flexifil to repair holes in poles caused by woodpeckers and the like. The compound seals the hole and prevents further deterioration, prevents the bird from enlarging the hole, and restores a portion of strength that may have been lost due to the cavity.

"Old Bracket Supports Dusk-To-Dawn Light" was written by H. H. Bivens, Welch storeroom supervisor. He points out that surplus pendant-type mounting brackets from old-style street lights could be salvaged and re-used for mounting the new rural-suburban dusk-to-dawn lights.

who will occupy the White House. Remember, every vote cast is a decisive vote. The votes that are not cast can be decisive, too. There have been demonstrable instances of a person being elected to office by a minority of those eligible to vote simply because too many people stayed away from the polls. The winner might otherwise have been beaten.

Another cause for nonvoting is outmoded election laws. Research by the American Heritage Foundation reveals that states that make it easier for citizens to register and vote get more of their citizens to the polls.

For example, in Idaho, voting champion among the states, 77.3% of the voting population went to the polls in 1956. Idaho voters enjoy permanent registration and are allowed to register up to three days before an election. Only six months residency in the state and 30 days in the county are required.

On the other hand, consider Mississippi, which had the poorest voting record in the 1956 elections—22.1%. Mississippi requires two years' residence in the state; makes payment of poll tax a condition for civilian voting; and does not allow registration after the first week of July. It also imposes a literacy test that requires voters "to read, write and interpret reasonably any section of the State Constitution"—a requirement susceptible to discrimination on the part of examiners.

How The States Ranked In Percentage Of Civilians Of Voting Age Who Cast Ballots In 1956 Presidential Election

Rank	State	%	Rank	State	%
1	Idaho	77.3	25	Wisconsin	66.6
2	Connecticut	76.6	26	Nebraska	65.9
3	Utah	76.1	27	New York	65.5
4	Massachusetts	75.3	28	Pennsylvania	65.0
5	New Hampshire	75.2	29	California	65.0
6	Rhode Island	74.6	30	Ohio	64.9
7	Iowa	74.1	31	Nevada	64.7
8	Illinois	72.5	32	Maine	64.6
9	Indiana	72.4	33	Oklahoma	64.0
10	West Virginia	72.4	34	New Mexico	62.1
11	Montana	72.3	35	Kentucky	56.7
12	South Dakota	72.2	36	Maryland	54.8
13	Delaware	71.5	37	Arizona	49.7
14	Washington	71.4	38	Florida	48.3
15	New Jersey	70.1	39	North Carolina	47.7
16	Colorado	69.6	40	Tennessee	46.0
17	Wyoming	68.9	41	Arkansas	39.9
18	Vermont	68.6	42	Texas	38.1
19	Oregon	68.5	43	Louisiana	37.3
20	Minnesota	67.8	44	Virginia	34.2
21	Kansas	67.7	45	Georgia	30.4
22	Missouri	67.5	46	Alabama	28.5
23	Michigan	67.1	47	South Carolina	24.6
24	North Dakota	67.0	48	Mississippi	22.1

Let us analyze the table of percentage of voters by states (above) as compiled by The American Heritage Foundation.

The top eight states have laws that make it easier for all citizens to register and vote than the bottom eight.

The bottom eight include the five states (Alabama, Arkansas, Mississippi, Texas and Virginia) where the payment of a poll tax is a prerequisite for voting. They include four (Alabama, Louisiana, Mississippi and South Carolina) of the six states that do not permit civilians to vote by a mailed ballot. They include the four states that have demanded as much as two years of residence to qualify for voting (Alabama, Louisiana, Mississippi and South Carolina). Since December of 1957, Louisiana's residence requirement has been one year. These, too, are the states with the most difficult literacy tests as qualifications for registration.

Two other factors in the nonvoting picture are the one-party system in some states and the long ballot. Total vote in the one-party states is often larger in the primary than in the election itself, since the primary is decisive. Long ballots often confuse voters and discourage them from going to the polls. For example, the ballot in a recent local election contained 169 names.

Need For Up-Dating Out-Moded Election Laws

In 1956 at the presidential election only six of every ten citizens of voting age cast a ballot. There were 102,743,000 citizens of voting age; only 62,027,040 voted. Of the 40,715,960 citizens of voting age who failed to vote in 1956, The American Heritage Foundation estimates that more than six million citizens were disfranchised because of moving and thereby failing to meet the residential requirement for registration.

Also many states make no provision for absentee ballots by the hospitalized and physically disabled. Some five million Americans were thus kept from the polls in 1956. It is also estimated that approximately 2,600,000 travelers were prevented from voting because they had no way of obtaining absentee ballots.

Young Voters

Americans between the ages of 21 and 29 have the poorest voting record. A way to prepare young voters in advance to accept the responsibilities of citizenship is to take our teenagers to the polls on Election Day so that they can see first-hand the election process in operation. True, the children cannot enter the voting booth, but they will see the people from every walk of life taking part in this basic act of American citizenship—and this experience could exert a wholesome influence for better personal citizenship that could last a lifetime.

Government is everybody's business, and informed voting is an effective way in which every citizen of voting age can help to keep this "government of the people, for the people and by the people".

Wingate Retires From Princeton



Mr. Wingate

George Wingate, Princeton groundman, retired July 1 due to ill health. At the time of retirement he had more than 29 continuous years of service with Appalachian.

Mr. Wingate was born in Tazewell County. He first joined the company in 1926, but permanent employment began in March 1931. He joined the T&D department that month, and has spent his entire career in it.

He is a member of the Moose and the Presbyterian Church. He and his wife will continue to live in Princeton. His hobbies are hunting, fishing and traveling.

'World' Article Penned By Point Pleasant Man

An article by C. A. Simmons, Point Pleasant electrical engineer, appeared in the July 18 issue of *Electrical World*.

The article was entitled "Three Arms Dead-End Heavier Conductor."

Line Being Built To Fast-Growing Town Of Radford



A contractor's lineman clips in a conductor on the new Claytor-Radford 34,500 volt line. Note the single pole, horizontal post pin insulators, being used for the first time in the Pulaski district.

A new 34,500 volt line, being built from the Claytor hydro plant station to the Radford station, will give Radford a new second feed from Claytor and will allow for expansion of the city's distribution system.

Radford is the largest town in the Pulaski district, and takes power at its station for distribution on its own system. The Davis H. Elliot Construction Company is building the 3.28-mile line. Design of the line was done by the Pulaski engineering department, with the Pulaski district station crew installing the necessary oil circuit breakers and related switching equipment at the Claytor and Radford stations.

R. L. Caudill, Bluefield division line inspector, is in charge of inspection of the construction.

Emblems Go To Veterans



W. D. Willis
Huntington
30 Years

G. C. Branson
Hazard
30 Years

J. H. Haley, Jr.
Lynchburg
30 Years

Virginia Marrow
Huntington
25 Years



M. G. Simmons
Point Pleasant
25 Years

J. R. Hughes
Huntington
25 Years

C. W. Dobbins
Glen Lyn
25 Years

R. T. Fields
Glen Lyn
25 Years



Hale Clemons
Glen Lyn
25 Years

C. M. Powers
Clinch River
20 Years

F. E. King
Pulaski
20 Years

A. B. Sneed
System
20 Years



Hardia Ellis
Cabin Creek
20 Years

S. F. Litteral
Bluefield
20 Years

C. L. Robison, Jr.
System
20 Years

E. T. Rowe
Abingdon
20 Years



Charles Burchett
Williamson
20 Years

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

Point Pleasant . . .

(Continued from Page 4)

accounting clerk-stenographer, were awarded their Tribal Loyalty honors at the Mason County 4-H Camp. Becky, another daughter of Mrs. Martin, received her green and white award.

Philip Sporn Plant

Congratulations to Ronnie Dale Roush, who was named winner of the DAR Citizenship Award at her school. A fifth grader at New Haven Grade School and daughter of Nelson Roush, master maintenance man, Ronnie was selected for outstanding work in American history and citizenship qualities . . . Luther O. Smith, auxiliary equipment operator, has been elected president of the Point Pleasant District Evangelical United Brethren Church Men . . . George H. Hesson is a new laborer.

R. C. Carte Retires In Charleston



Mr. Carte

Romeo C. Carte retired from company service August 1 after completing 36 years in the meter department in Charleston.

He joined Appalachian in March 1924 as a helper, became serviceman in 1936 and meter serviceman in 1953. Before joining the company he was an electrician for the Comstock Electric Company. He is a native of Kanawha County, and served in the Army Artillery during the first World War.

Mr. Carte has no immediate retirement plans, although he loves to fish. His main interest in the coming year will be watching his son, James, graduate from West Virginia University.

Mr. and Mrs. Carte will continue to make their home in South Charleston.



Appalachian Power Company

Abingdon District—20 YEARS: E. T. ROWE, area serviceman. 15 YEARS: H. S. TAYLOR, meter serviceman. 10 YEARS: JAMES M. COLE, commercial sales engineer; JAMES E. FLEENOR, appliance serviceman; J. C. LAMBERT, JR., meterman.

Beckley District—35 YEARS: E. L. LAWSON, line foreman; M. E. SECONDO, lineman. 15 YEARS: T. A. DICKENSON, working foreman. 5 YEARS: A. C. ALTIZER, lineman.

Bluefield District—20 YEARS: STARLIN F. LITTERAL, line foreman. 15 YEARS: JOHN R. GREEAR, meter reader; ANNIE M. HUBBARD, maid; ORVILLE R. TAYLOR, meter serviceman. 10 YEARS: JERRY R. WHITEHURST, heating and builder sales engineer.

Cabin Creek Plant—20 YEARS: HARDIA ELLIS, boiler maintenance man.

Charleston District—15 YEARS: MAJOR ELMORE, area serviceman; EARL V. GLENN, JR., groundman; DICK JONES, lineman. 10 YEARS: JACK B. WEAVER, station man. 5 YEARS: CHARLES F. CARUTHERS, meter service helper.

Clinch River Plant—20 YEARS: CONARD M. POWERS, master maintenance man. 15 YEARS: RAY STAMPER, coal equipment operator. 5 YEARS: ALBERT W. ROOKSTOOL, auxiliary equipment operator; BOBBY J. SLACK, auxiliary equipment operator.

Fieldale District—15 YEARS: W. G. SIMPSON, meter serviceman. 10 YEARS: J. D. HIGGINS, commercial sales engineer.

Glen Lyn Plant—25 YEARS: HALE CLEMONS, tripper operator; C. W. DOBBINS, equipment operator; R. T. FIELDS, auxiliary equipment operator. 15 YEARS: H. H. REED, maintenance foreman. 10 YEARS: W. G. BELL, JR., assistant plant manager.

Huntington District—30 YEARS: WAYNE D. WILLIS, station man. 25 YEARS: VIRGINIA B. MARROW, stenographer; JAMES R. HUGHES, station man.

Logan District—35 YEARS: CALVIN CYFERS, lineman.

Logan Plant—15 YEARS: RAY H. PHILLIPS, boiler and condenser auxiliary operator. 5 YEARS: ARTHUR N. JESSEE, results engineer.

Lynchburg District—30 YEARS: J. H. HALEY, JR., customer service representative. 15 YEARS: L. G. DOUGAN, district personnel supervisor; L. G. RAMSEY, assistant hydro operator.

Point Pleasant—25 YEARS: M. G. SIMMONS, truck driver-groundman. 15 YEARS: J. R. HOFFMAN, area serviceman.

Pulaski District—35 YEARS: A. P. JONES, area supervisor. 20 YEARS: F. E. KING, hydro operator. 15 YEARS: F. P. ALLISON, truck driver-groundman; W. M. GILMORE, groundman; W. C. MITCHELL, T&D clerk; R. M. PROFFITT, truck driver-groundman.

Roanoke District—15 YEARS: BEATRICE EAKIN, stenographer; H. E. GULLIAMS, meter serviceman; J. E. HOPKINS, R/w agent; ALMA C. OBENCHAIN, contract clerk; H. M. UNDERWOOD, meter service helper. 10 YEARS: W. H. HART, JR., electrical engineer.

Philip Sporn Plant—10 YEARS: JESSE M. ABEL, master maintenance man; ROBERT F. HICKEL, instrument maintenance man; AUBREY V. NEWELL, master maintenance man. 5 YEARS: VIRGINIA E. HOYT, clerk-stenographer.

System—20 YEARS: C. L. ROBISON, JR., system supervising breaker engineer; ARTHUR B. SNEED, system senior operating engineer. 15 YEARS: W. B. POFF, JR., regional dispatcher; C. E. RUBLE, system transmission inspector; R. P. SPRAKER, system station operator.

Welch District—35 YEARS: GEORGE A. SMITH, area serviceman.

Williamson District—30 YEARS: CHARLES BURCHETT, area serviceman.

Kentucky Power Company

Ashland District—35 YEARS: W. S. BURCHETT, meterman. 15 YEARS: WILLIAM K. SALISBURY, meter reader. 10 YEARS: J. A. PALMER, director of public relations.

Hazard District—30 YEARS: G. C. BRANSON, stores supervisor. 15 YEARS: HERSHEL ADAMS, lineman. 10 YEARS: RITA BARKER, secretary; W. G. BEGLEY, appliance serviceman. 5 YEARS: MARJORIE SMITH, petty cash clerk.

Pikeville District—15 YEARS: GRATHO WILLIAMS, groundman.

Lions Club Elects Kanawha Engineer

The Cedar Grove Lions Club has elected W. W. McColgan, Kanawha River plant results engineer, president for the coming year.

He formerly served the civic club as vice president, and is also a member of the Glasgow town council.

Mr. McColgan was first employed at the Logan plant February 7, 1950, and transferred to Kanawha River plant in 1952. He was made results engineer in 1954.



Mr. McColgan

Employees Selected Kentucky Colonels



Mr. Baker

Mr. Thomas

Two Kentucky employees have been honored by their home state with the title of "Kentucky Colonel." F. M. Baker, vice president and general manager, and Rufus Thomas, industrial development representative, were the two honored. State Representative Harry King Lowman commissioned Mr. Baker, and Lt. Gov. Wilson Wyatt commissioned Mr. Thomas.

Retirement Ends Career At Sporn



Mr. Gibbs

Retirement closed a career at Philip Sporn plant that was almost as old as the plant itself. Ralph V. Gibbs, janitor there, retired August 1, with ten years of service. He started work shortly after the first unit at Sporn went into service.

Mr. Gibbs, a native of West Virginia, had a varied career before joining the company in 1950. He worked at a nursery, on a steamboat, in the coal mines, and in his own grocery store. Now retired, he looks forward to gardening and fishing, and to odd jobs around his home.

He has been active in church and civic work for many years. He is adult choir director and class leader at the Evangelical United Brethren Church in New Haven, and has served on the town council for 17 years, and still finds time to manage a church softball team.

Mr. Gibbs and his wife reside in New Haven. They have eight children, 23 grandchildren and six great-grandchildren.

V. L. Thacker Writes Article For 'World'

An article by V. L. Thacker, Huntington station foreman, appeared in the July 4 issue of *Electrical World*.

The article was entitled "Dolly Moves Breaker Over Painted Floor."

Glen Lyn Man Dies After Illness



Mr. Pennington

Studebaker Pennington, Glen Lyn plant maintenance man, died July 8 following an illness of three months.

A native of Mercer County, W. Va., Mr. Pennington became associated with the company in February 1942. He worked first in the operating department, and transferred to the maintenance department August 1, 1946.

A resident of Bozoo, W. Va., Mr. Pennington was deacon of the Christian Church there, and was a member of the Ruritan Club.

He is survived by his wife, two sons and four daughters.

Silica Firm Begins Operations In Kentucky



Operations at eastern Kentucky's biggest new industry are beginning. It's the quarrying and crushing work of the Silica Corporation of America in Pike County. In the picture at left, a conveyor will carry the quarried

silica downhill to be washed, crushed and stored. At right, storage silos rise from a clutter of building material. The entire operation would be under way by September 1.

First crushing operations at the Silica Corporation of America's works near Elkhorn City, Kentucky, are about to begin.

The company has leased 30,000 acres of silica reserves, amounting to an estimated 3-billion tons, from which it will produce four different grades for various industrial purposes.

The high-quality sand, reportedly the purest in the country, will be crushed at the quarry site and carried on a downhill conveyor to storage silos. Before being shipped it will be washed and graded. Until a railroad spur is built into the site the silica will be trucked out to the railroad.

The silica is pure enough to meet the most exacting specifications of the glass, metallurgical, optical and missile industries.

Legion Post Taps H. M. Figg As Leader

Herbert M. Figg, Jr., has been elected commander of Lynchburg American Legion Post 16.

Engineering aide in the Lynchburg district, he has been a Legionnaire for the past 12 years and has served as post adjutant. He is also a 14-year member of the National Guard and is a captain. He was with the Army from 1940 to 1945.



Mr. Figg

Beckley Veteran Retires August 1



Mr. Secondo

Mack E. Secondo, lineman in Beckley district's Oak Hill area, retired August 1. He started work with Appalachian as a laborer in July 1925. He served subsequently as groundman and lineman.

Mr. Secondo was presented his 35-year service pin last month.

He was born in Montamogna, Italy, and attended schools there. He is a veteran of the first World War.

He is married, and the father of two daughters. He resides with his wife in Oak Hill, where he plans to remain during retirement.

35 Years' Service Marked By Five Company Veterans

Five veterans from Appalachian and Kentucky observed their 35th anniversaries of service in recent weeks.

They are George A. Smith, Welch; Ernest L. Lawson, Beckley; W. S. Burchett, Ashland; Calvin Cyfers, Logan; and A. Parker Jones, Pulaski.



Mr. Lawson

Mr. Burchett

Mr. Smith joined the company at Welch July 15, 1925 as a utility man. He has worked as assistant service foreman, service foreman, local representative and is now Keystone area serviceman.



Mr. Smith

A native of Norton, Va., he attended school at Northfork, W. Va. and served in World War I. A Mason for over 30 years he has also worked in Scouting for more than 40 years. His hobbies are photography and movie equipment.

E. L. Lawson

Mr. Lawson, Beckley line foreman, joined the company July 7, 1925 as a lineman. He has also worked as a serviceman.

A native of Livingston, W. Va., he attended schools at Princeton. He is married and has a son and a daughter.

W. S. Burchett

Mr. Burchett, Ashland meterman, joined the company July 20, 1925 as a meter tester. He was also a serviceman.

A native of Wayne County, W. Va., he attended Huntington schools. His hobbies include hunting and fishing.



Mr. Cyfers

Mr. Jones

Calvin Cyfers

Mr. Cyfers, Logan lineman, completed 35 years July 6. He joined the company at Logan as a groundman on that day in 1925.

Born in Wayne County, he attended schools there. He is married, and his hobbies include hunting and fishing.

A. P. Jones

Mr. Jones, Christiansburg area supervisor of the Pulaski district, joined the company July 10, 1925 as a lineman. He worked on the construction of many of the first wood pole lines between Bluefield and Byllesby, and later worked on the first steel tower line in the area.

He is chairman of the Montgomery County Board of Supervisors, has served two terms in the Christiansburg Town Council and has been a member of the Christiansburg Planning Board. He attends the Presbyterian Church, is active in the Masonic Order and is a member of the Christiansburg-Blacksburg Rotary Club. He is married.

Familiar Faces IN NEW PLACES

Appalachian Power Company

Bluefield District

REESE T. BOWEN, JR., from truck driver-groundman to lineman C; CHARLES S. BOWLING, JR., from groundman to truck driver-groundman; HARRY B. BOYD from lineman B to lineman A; RICHARD L. HUDSON from groundman to lineman C; BOBBY S. HYLTON from groundman to truck driver-groundman; CHARLES B. LAMPERT from groundman to lineman C.

Charleston District

W. H. JACKSON from meter service helper to meter serviceman C; JACK JARRETT from hydro maintenance helper to hydro maintenance man; WALTER MCGRAW, heating and builder sales representative, from Charleston to Beckley; JACK MATHENEY from appliance serviceman B to power billing clerk; LLOYD SANFORD from groundman to meter service helper; ED SHEETS from power billing clerk to heating and builder sales representative; HURSTON WEBB from hydro maintenance helper to hydro maintenance man.

Clinch River Plant

JESSEE D. HACKNEY from laborer to utility man; ARNIE A. NESTER from laborer to utility man.

Philip Sporn Plant

GERALD W. ARNOLD from laborer to coal handler; CLARENCE A. BRADFORD from auxiliary equipment operator to equipment operator; DALLAS A. CADLE from auxiliary equipment operator to equipment operator; EDWARD W. CARDER from barge attendant to tripper operator; KENNETH E. CARTER from coal handler to barge attendant; RAYMOND L. COLE from auxiliary equipment operator to equipment operator; ANDREW D. DeCOY from laborer to utility operator; EDWARD P. DUFFY from junior maintenance man to maintenance man; LEWIS R. GILLAND from utility operator to auxiliary equipment operator; ROBERT M. GILLAND from laborer to utility operator; ARTHUR H. HART from helper to junior maintenance man; HAROLD C. JOHNSON from second assistant shift operating engineer to assistant shift operating engineer; LARRY C. LIEVING from utility operator to auxiliary equipment operator; MARVIN J. McFARLAND from utility operator to auxiliary equipment operator; ESLIE E. MOSSMAN from second assistant shift operating engineer to assistant shift operating engineer; HARRY A. PICKENS from conveyor operator to crane operator; JACK L. PICKENS from utility operator to auxiliary equipment operator; KENNETH O. ROLLINS from tractor operator to conveyor operator; JOHN M. ROTTGEN from laborer to utility operator; RICHARD W. RUSSELL from laborer to helper; JERRY C. SCOTT from laborer to utility operator; PAUL E. TAYLOR from tripper operator to tractor operator; HOWARD F. WAGENHALS from second assistant shift operating engineer to assistant shift operating engineer; DWIGHT R. WALLACE from auxiliary equipment operator to equipment operator; FRANK M. WARD from second assistant shift operating engineer to assistant shift operating engineer.

System

JAMES K. DANIELS from assistant control operator, Cabin Creek Plant, to system station operator.

Welch District

B. F. BELCHER from truck driver-groundman to lineman C; J. H. LOONEY from groundman to lineman C; C. E. SPRAKER from lineman B to lineman A.

Williamson District

MYRTLE M. BEVINS from cashier to general clerk.

Wind Adds Bang To Fourth In Two Districts



Wind lifted the roof from this store in the Oak Hill area in the middle background, and the distribution line carried and placed it in the road. Note the Appalachian crew to the ground by the roof.

Mother Nature decided she, too, would add to the fireworks of the Fourth of July week-end with windstorms in two of our districts.

Winds, accompanied by hard rains, hit the Beckley and Williamson areas, damaging utility lines, roads, farm and garden crops and personal property.

In the Oak Hill area of the Beckley district, the wind lifted a roof from a grocery store and set it down intact in the middle of the road. The transformer, pole and distribution line went with it, interrupting service to five customers. The same wind also picked up a house from its foundation and moved it back over a hill.

A woman and her five children were in the house but no one was injured seriously. Oddly, while two windows were twisted from their frames and thrown to the ground, not a window pane in the house was broken.

In the Williamson area, trees were uprooted, several of them landing on dwellings. Six houses in the Naugatuck-Belo area were damaged, signs and billboards were tossed around (one crushed a roof of a parked car) and Appalachian crews worked 16½ hours to repair damage in the Pigeon Creek area. A drive-in was severely damaged when the roof, doors and windows were broken.

Heart Attack Fatal To R. H. Treber

Robert H. Treber, 54, died of a heart attack June 19. He was results maintenance mechanic at Cabin Creek plant.

Mr. Treber, a native of Pennsylvania, had been employed at Cabin Creek since 1944.

He is survived by his widow, two children, his father, brother and three sisters.

Funeral services were conducted in Montgomery Calvary Episcopal Church, where he was a member. Burial took place in the Mount Pleasant, Pa., cemetery.

First History Of Mingo County Written By Girl

The first history of Mingo County, W. Va., ever to be written has been completed by Nancy Sue Smith, who handles the telephone answering service for the Williamson district.

The history came from a series of articles Nancy wrote, which were compiled in a booklet called "An Early History of Mingo County, W. Va." Her work took quite a bit of digging—records at Williamson City Hall only go back to 1915, and Williamson was 23 years old at that time.

The first two weeks after the booklet was published and put into circulation, it sold 250 copies, and it is becoming the authoritative voice for the history of the area.

Among the subjects Nancy covers are the happenings in the area during the French and Indian War, how Tug River got its name and the famous Hatfield-McCoy feud.

They're Engaged

VIRGINIA LOUISE COLE to Bobby Keith Barber. Miss Cole is the daughter of Ray H. Cole, Charleston district garage department supervisor.

BETTY JEAN McFADEN to Paul Kays. Mr. Kays is a clerk-typist in the Lynchburg district.

JULIANNA BELCHER to Pfc. Herbert Blankenship, USMC. Mr. Blankenship is the son of W. C. Blankenship, Logan plant mechanical maintenance helper.

Robinson Turns Jack-of-All-Trades To Finish Room

Insulator, carpenter, floor tile-setter . . . they're some of the jobs O. L. Robinson had to do in order to turn his basement into a recreation room, and before the project was finished, he had also put his hand to refinishing and reupholstering.

Mr. Robinson then is a man of many talents. He had to be to convert a 600-square-foot basement area into a livable, enjoyable family center. Because the contractor had built the house not-quite-square, Mr. Robinson ran into many problems in cutting lumber and sheet rock to fit. The wood trim was cherry, the tile floor, which was his first effort along those lines, is cork. For comfort in winter he installed an electric heating unit.

Equipment in the room includes a ping-pong table he made, a pool table he rebuilt, chairs and sofa he refinished and reupholstered, a practice golf cup he made, a practice batting outfit for his son, Scotty, and, making one talent pay tribute to another, a stand he built to hold the golf trophies he won.



O. L. Robinson, Welch local office manager, gets ready for a shot on the pool table he rebuilt, located in a recreation room he finished himself.

Fourteen Couples Are Married



Among those members of employees' families wed in recent weeks were the following. TOP ROW from left: Mrs. Richard Ward Jett, Roanoke; Mr. and Mrs. A. R. Barber, Jr., Hazard; Mr. and Mrs. Ben Maynard, Jr., Logan; and Mrs. Robert Bartlett Dance, Fieldale. MIDDLE ROW from left: Mrs. Hassel Lee Woolridge, Welch; Mr. and Mrs. J. C. Sutphin, Glen Lyn plant; Mrs. E.

Carlisle Day, Welch; and Mrs. Jack M. Bane, Pulaski. BOTTOM ROW from left: Mrs. Bobby Doyle Stallard, Kingsport; Mr. and Mrs. David A. Gwinn, Huntington system; Mrs. John James Chamberlain, Roanoke; and Mrs. James J. Poe, Kingsport.

Buckland-Gwinn

Sandra Ann Buckland and David A. Gwinn were united in marriage July 12 at the Baptist Temple in Huntington. Mrs. Gwinn is the daughter of H. O. Buckland, regional chief dispatcher in Huntington.

Herr-Stallard

Rita Lou Herr became the bride of Bobby Doyle Stallard at the Bethel Presbyterian Church on June 26. Mrs. Stallard is the daughter of R. L. Herr, Holston station regional chief operator in Kingsport.

Cox-Bane

Helen Rose Cox was married to Jack M. Bane on July 20 at the Hillville Methodist Church. Mrs. Bane is a petty cash clerk in the Pulaski district.

Short-Jett

Esther Lee Short and Richard Ward Jett were married July 15 at the Belmont Baptist Church in Roanoke. Mr. Jett is the son of T. W. Jett, Roanoke district general serviceman.

Smith-Day

The First Baptist Church in Welch was the setting for the June 24th wedding of Nancy Elizabeth Smith and E. Carlisle Day. Mrs. Day is a cashier in Welch.

Sears-Dance

June 18 was the wedding day of Carolyn Sears and Robert Bartlett Dance, who were married in the Stuart Baptist Church. Mrs. Dance is the daughter of Ammon Sears, Stuart area supervisor in the Fieldale district.

Bolton-Poe

A double ring ceremony performed June 18 at the Ketron Memorial Methodist Church united Doris Jane Bolton and James J. Poe. Mrs. Poe is the daughter of J. W. Bolton, Kingsport meter supervisor.

New Arrivals

- Abingdon**
MR. AND MRS. THOMAS E. BEAUCHAMP, a daughter, Ida Annette, June 29. Mr. Beauchamp is a general clerk.
- MR. AND MRS. JACK LEONARD, a daughter, Eva Malissa, July 11. Mr. Leonard is a meter serviceman.
- MR. AND MRS. ROBERT A. SHEFFEY, JR., a son, Charles Philip, July 3. Mr. Sheffey is a district engineer.
- Beckley**
MR. AND MRS. W. H. LIVELY, a daughter, Linda Gale, June 26. Mr. Lively is a line inspector.
- Bluefield District**
MR. AND MRS. JAMES R. BOULT, a daughter, Jennifer Ann, June 29. Mr. Boulton is a division heating and builder sales representative.
- MR. AND MRS. W. H. VANCE, a son, William Jeffrey, June 28. Mr. Vance is a tracer.
- Charleston District**
MR. AND MRS. BLAKE E. BLACKSHIRE, a daughter, Elizabeth Ann, July 2. Mr. Blackshire is a T&D clerk.
- MR. AND MRS. NORMAN J. CALDWELL, a son, Reginald Dewayne, June 28. Mr. Caldwell is a janitor.
- Cinch River Plant**
MR. AND MRS. VIRGIL ADAMS, JR., a son, David Brian, July 6. Mr. Adams is a results engineer.
- Glen Lyn Plant**
MR. AND MRS. CHARLES D. THOMPSON, a daughter, June 19. Mr. Thompson is a utility man.
- MR. AND MRS. JAMES H. WITT, JR., a son, June 18. Mr. Witt is a work order clerk.

Tucker-Barber

Judy Tucker became the bride of A. R. Barber, Jr., in a ceremony performed June 11 at the home of the bride in Walkertown, Ky. Mr. Barber is the son of A. R. Barber, Hazard district manager.

- Hazard**
MR. AND MRS. K. C. BRASHEAR, JR., a son, David Kendrick, June 30.
- Kanawha River Plant**
MR. AND MRS. WILLIAM L. HUGHES, a son, William Mark, and a daughter, Kathy Lyn, June 30. Mr. Hughes is a helper.
- Kingsport**
MR. AND MRS. ROY FERRELL, a daughter, Kimberly Dianne, July 3. Mr. Ferrell is a T&D clerk.
- Logan Plant**
MR. AND MRS. CHARLES W. HAMBLIN, a daughter, Dorothy Jane, June 22. Mr. Hamblin is a coal and ash equipment operator.
- Pulaski**
MR. AND MRS. SEBERT L. SISSON, a daughter, Martha Ann, July 15. Mr. Sisson is a heating and builder sales representative.
- Roanoke**
MR. AND MRS. E. C. BALDWIN, JR., a daughter, Dana Lynne, June 20. Mr. Baldwin is a meter reader.
- Philip Sporn Plant**
MR. AND MRS. ROBERT M. GILLAND, a daughter, Lisa Lynn, June 20. Mr. Gilland is a utility operator.
- System**
MR. AND MRS. GERALD R. BARBOUR, a son, Richard Allen, July 5. Mr. Barbour is a system station operator.
- MR. AND MRS. L. T. BIAS, a son, Richard Arland, June 16. Mr. Bias is a regional dispatcher.
- MR. AND MRS. J. P. HARDWICK, a son, Timothy Wayne, June 14. Mr. Hardwick is a system station operator.
- MR. AND MRS. R. H. McDEARMON, a son, James Gilliam, June 21. Mr. McDearmon is a retirement cost clerk.

Echols-Chamberlain

Sara Lynne Echols was married to John James Chamberlain, Jr., on June 6 in Lynchburg. Mrs. Chamberlain is the daughter of Everette Edwin Echols, Roanoke division radio engineer.

Robinson-Vanhorn

Myrtle Robinson and Roy Vanhorn were married July 11 at Prestonsburg, Ky. Mr. Vanhorn is a local accounting employee in Ashland.

Hannah-Maynard

The Peach Creek Methodist Church was the setting for the June 24th wedding of Mauda Mildred Hannah and Ben Maynard, Jr. Mrs. Maynard is a Logan district personnel clerk.

Thompson-Sutphin

A double ring ceremony performed June 30 at the First Christian Church in Pearisburg united Dora Ellen Thompson and James C. Sutphin. Mr. Sutphin is a utility operator at Glen Lyn Plant.

Smith-Bassford

Nettie Wood Smith and Clifford D. Bassford were married June 25 at the home of her son in Huntington. Mr. Bassford is a Huntington district retired employee.

Combs-Wooldrige

Billie Jean Combs became the bride of Hassel Lee Wooldrige in a double ring ceremony performed June 26 at the Church of Christ in Grundy. Mrs. Wooldrige is a Grundy clerk-typist in the Welch district.



Dunbar Hill poses beside the barbecue pit and fireplace he built in his yard. It took 375 stones of assorted sizes, 18 cinder blocks and three bags of cement, plus 80 hours of work to do the job. Mr. Hill is janitor in the Roanoke district.

Imagination, Stones, And Hard Work Mean Fun, Relaxation For Dunbar Hill

Getting the proper materials together to do a job takes almost as much time as the job itself, according to Dunbar Hill, who has a project to prove it.

Mr. Hill, Roanoke district janitor, spent about 80 hours building a barbecue pit in his backyard, but planning the construction, and picking out the stones of just the right shape, size and color was also a long task. Sometimes it was arduous too, since some of the stones in the fireplace weigh as much as 50 pounds. Highlighting the stone work are several arrowhead and tomahawk stones.

The fireplace has a number of built-in features, most of them of Mr. Hill's own design. For example, the center section of the unit can be used for "high charcoal fire" by moving the steel section which holds the coals, and for a "low charcoal fire" by lowering the section. The section itself is a solid steel sheet, perforated, measuring 32 by 26 inches, supported by half-inch water pipes. It is removable for winter storage.

Two flat-top sections on each side of the cooking area have functional purposes. One side has cinder blocks laid so that heat circulates through the blocks to keep foods warm. The

other side is used as a serving counter. The cooking area itself measures 30 by 40 inches, and can accommodate as many as 100 hot dogs, and one section of it can be opened so that a coffee pot can be placed close to the coals. A concrete slab poured in front acts as a step.

Mr. Hill, his wife and daughter, make excellent and neighborly use of the fireplace by entertaining church groups and elderly people in their spacious and attractive yard.

Meter Reader Gives First Aid To Woman

First aid training paid dividends for both Wyatt Ratliff, Grundy meter reader, and a woman in Council, Virginia.

During the course of his work there he was able to give treatment to the woman, who had fallen 20 feet out of a tree in which she was picking cherries. He treated her for shock, improvised a splint and bandage for a broken arm, and summoned help.

Father Encourages Son In Hobby; Sees Success, Responsibility, Trophies



Here are elements in a successful collaboration: J. R. Watkins, Roanoke district general serviceman; his son Russell, the car they worked on together, and the trophies Russell won driving it.

Parents of today's teenagers can be either an encouragement or a stumbling block to the youngsters' expression of ideas, according to J. R. Watkins, Roanoke district general serviceman.

In his own case he is clearly an encouragement and help to his son, Russell. The two together have worked together in modifying Russell's 1948 car to participate in drag strip races.

Late last year father and son entered into an agreement. Mr. Watkins would help buy the car and assist in the mechanical changes; for his part, Russell agreed that he would race only on supervised strips, and

Small Craft Warning: For Boating Safety

Today, nearly 40 million fun-loving Americans, including many of our employees and their families, go boating in about eight million small craft powered by motor, sail and paddle.

Interest in the sport has grown so much that our nautical pastime is rapidly becoming our national pastime, outranking all other sports in total participation and as a family recreation.

But, as in everything else, the bad comes with the good. In the case of boating, the bad is a growing accident problem caused by limited seamanship requirements, crowded waters and overly adventurous souls. The Allstate Insurance Company recently presented a program of water safety to Roanoke area employees of Appalachian, pointing out several ways how each sailor can become an old salt and enjoy safe boating. Among the tips from Allstate were:

(1) Master the water—as a skipper or passenger, you should be able to swim and take care of yourself in the water. Lifesaving gear is not a substitute for swimming ability.

(2) Know your boat — A boat should be used for the purpose it was built. Every boat has its own limitations, and every person should learn what his boat was made to do and govern its use and speed accordingly.

(3) Learn good seamanship — There's more to handling a boat than just flipping the key or manning the tiller. Take a course in small craft operation from the United States Power Squadrons, Coast Guard Auxiliary or Red Cross.

(4) Keep your boat seaworthy— This means more than just keeping the leaks out. Certain equipment is required aboard a boat. Find out what is required for your class of boat, get it and keep it in working order.

(5) Step lightly, mate — Keep your seat as much as possible. Standing up is one of the most common causes of getting tossed overboard.

(6) Be a skilled pilot—A good



Tips on water safety was the theme of a recent Roanoke safety meeting. Here are the program principals, from left: Don Costa, Allstate Insurance Company; William Revere, Sears Roebuck; and R. G. Garrett, Jr., Roanoke division draftsman. Mr. Costa presented a movie on boating and discussed water safety, Mr. Revere spoke on boat safety equipment, and Mr. Garrett was program chairman.

pilot knows how to handle his boat and he never lets the fact he's having fun interfere with his skill, courtesy or common sense.

(7) Be your own lifesaver—Always carry life preservers (required by law), using only a Coast Guard approved version, and make sure everyone aboard has one.

(8) Storm warnings—Small craft are the first to be signaled to shore in the event of stormy waters. Become familiar with the warnings and heed them immediately.

As in everything else, safety adds to the fun of boating for you and your family.

Bluefield Youth's Future Unsettled: Golf Champion Or Big Businessman?

Arnold Palmer started young, so why can't Billy Heldreth?

Golf at an early age has brought Palmer to the top of his profession, and if 11-year-old Billy doesn't turn into a top pro, he will at least have had a good start as a businessman.

Billy, son of Ray C. Heldreth, Bluefield division dealer sales representative, is the proud proprietor of a six-hole, par 24 golf course, sprawling over his own large backyard and that of his aunt's next door. Along with the course is a 150-foot driving range.

The cups are made from old geranium pots, the hole in the bottom serving as drainage and to hold the flagstick. Water holes are made from buried dishpans and garbage can lids, and the close-mowed greens are well guarded by sand traps. Birds keep the water hazards fairly dry, which runs up the overhead somewhat; green fees of a nickel a round don't allow much margin for profit.

Just the same, the course one week netted \$1.31 for its manager and pro.

The driving range operates at a penny a ball, and patrons have four egg cartons full of balls to play with.



Proprietor and pro at the Mountain State Golf Course is 11-year-old Billy Heldreth. The course, which he designed and operates, is a par 24, six-hole layout.

Neighbors have been most cooperative in allowing players to retrieve balls from gardens.

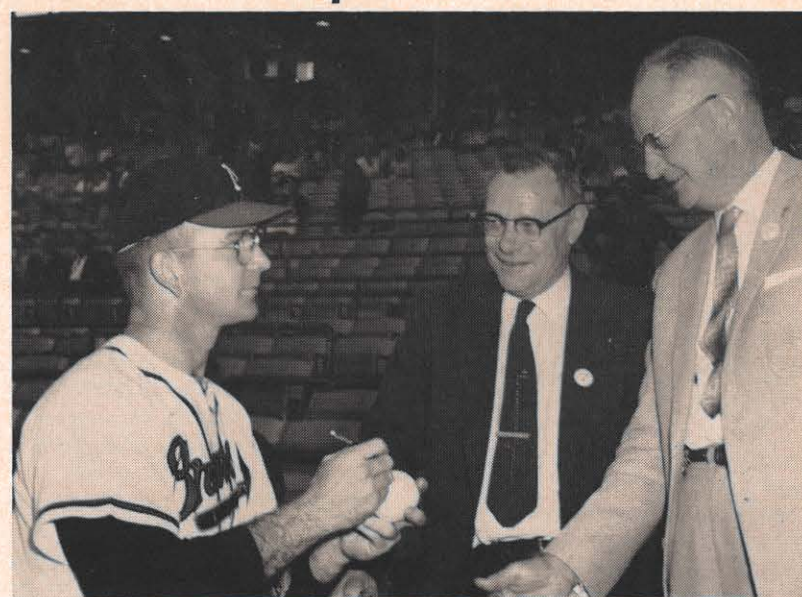
Other equipment includes two putters and a set of old clubs, donated by a relative, and a golf cart he made from a cantaloupe crate and two scooter wheels.

Hole-In-One



H. H. Kincaid has got the seventh hole down cold. Playing the Green Meadow Country Club course in Pikeville, the Pikeville district manager scored a hole-in-one early last month. The hole is a par 3, 108-yarder, protected on the tee side by a deep gully. Just a month before Mr. Kincaid had laid his tee shot up within a putter-length of the cup, and a week later came even closer. He was playing with employees Bob Flynn and Bill Barnett at the time of his hole-in-one.

Trip Winners



Charleston baseball fans watching the Milwaukee Braves and Cincinnati Redlegs on television June 3 saw a familiar face smiling at them. It was Ed Braid, Charleston district line supervisor, being interviewed by a roving reporter before the game. Mr. Braid was there because he was one of the winners of the Line Materials Company's baseball contest. His prize was a three-day, all-expense trip to Milwaukee to see the ball games. Here the Braves' utility man Mel Roach, autographs a ball for Mr. Braid, center, while T. A. Jones, the other winner, watches.



Appalachian's versatile new truck gets its first on-the-job workout. At left, work on a distribution line is being done by the Washington County line crew with the invaluable aid of the truck and its bucket. R. E. Crusenberry is in the bucket, covering the line. Assisting him in

this job were J. J. Roseberry, area supervisor, D. C. Landreth, and C. W. Frye. At right, installing of a street light is simplified by the truck. T. J. Overbay works from the bucket, while William McFall, Jr., and R. E. Crusenberry are on pole; D. C. Landreth helps from the ground.

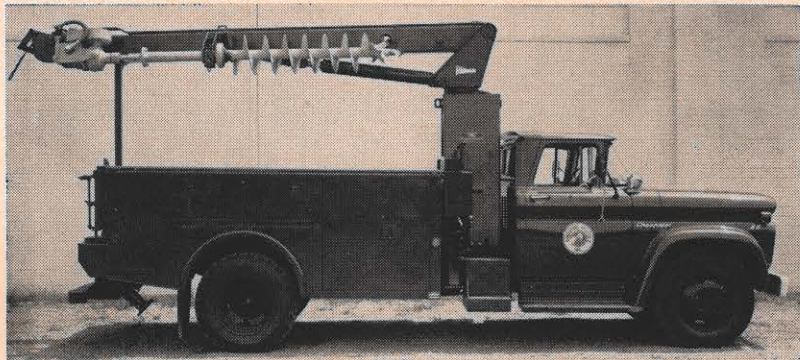
'Revolutionary' And 'Only One Of Its Kind' Descriptions Of Abingdon's New Line Truck

A revolutionary new line truck, the first of its kind, has been put into service in the Abingdon district.

This truck, and another, also of new design, for Kingsport, were introduced last month to employees that will use them. Both were first previewed in a showing in Roanoke for representatives of our companies staged by Pitman Manufacturing Company of Grandview, Mo., which designed and built the working equipment, and Baker Equipment Engineering Company of Richmond, which built the body for Appalachian's new truck.

G. Fred Murphy, system transportation supervisor for Appalachian, helped design both pieces of equipment.

Appalachian's new truck has a dual purpose. To accomplish them, it is the only line truck ever built to have an overhead extendable boom with an insulated bucket controllable from



Kingsport's new truck, pictured before it was delivered to the company. The digger is back in its carrying position.

the bucket. The truck will be used for pole setting and maintenance work on poles and lines.

The boom itself can be moved 360 degrees and has a 22-foot reach. It can be elevated to a 95 degree angle or lowered to 25 degrees below the horizontal, putting its head only two feet from the ground. This

boom is made up of a 14-foot solid section and an 8-foot extendable section.

Controls for this derrick are located on both sides of the truck.

The Bucket

Another major piece of equipment on the truck is a 9-foot fibre glass extension that can be attached to the rest of the boom in 2½ minutes. This section has an insulated bucket for work on lines and pole equipment, with its own controls. A man can stand in this bucket and work at heights up to 43 feet. He can control his height, angle of elevation or location from the bucket itself. The bucket can be attached in more than one place, so that such equipment as pole transformers can be carried to the pole on the end of the boom. More than one bucket can also be used on it at one time.

The truck body is a prototype—it was designed especially for the equipment it carries. It has equipment installed to stabilize the unit when in operation.

Advantages of the truck are numerous. It is easier on personnel and more efficient. For example, to position men and material, all that has to be done is move the boom. With present equipment, the truck itself has to be moved. This contributes directly to another advantage—work can be done much faster. Important, too, are the many safety features of the equipment, from the insulated buckets to the supports on the truck body.

Kingsport Truck

Kingsport's truck is a hole digging, pole setting line truck that could have a bucket installation as optional equipment. It is revolutionary in the improved design of the boom and the method of attaching the pole digger to the boom. Many of its advantages are the same as Appalachian's new truck.

Four Named Unit Foremen In Sporn Plant Promotions

With the new Unit 5 scheduled to go into operation later this year, four men have been promoted to supervisory positions at Philip Sporn plant.

The four — William R. Dean, Norman J. Baxter, Raymond J. Smith and Dana E. Hoffman, Jr. — were promoted from equipment operators to unit foremen.

Mr. Dean was employed at the plant as a coal handler January 29, 1951, and has also served as auxiliary equipment operator. He attended Union High School at Cottageville, W. Va. and served two years in the Army infantry. He is a member of the VFW, is married and has two children.

Mr. Baxter was employed February 22, 1951 as a laborer and has also been a coal handler and auxiliary equipment operator. He attended Olive Orange High School at Tupper Plains, O., is married and has four children. He served four years in the Army infantry and artillery sections.

Development Group Elects J. P. Gills

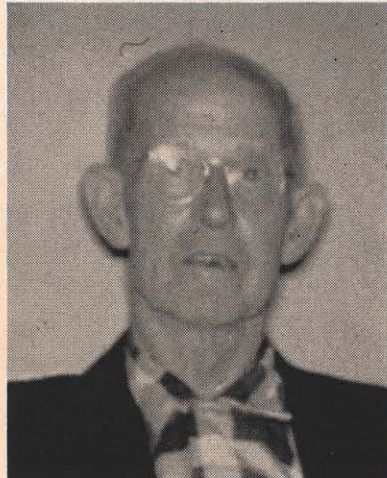
J. P. Gills, executive assistant to the vice president and retired Bluefield division manager, has been re-elected president of the Bluefield Area Development Corporation.



Mr. Gills

Active in civic affairs Mr. Gills is a former president of the Bluefield Chamber of Commerce, Kiwanis Club and Country Club. He has worked in the College Avenue Baptist Church, Community Chest, Red Cross, State Chamber of Commerce, Boy Scouts, United Fund, and other organizations. Mr. Gills also holds the Distinguished Citizenship Award of the Riley-Vest American Legion Post in Bluefield.

Retired Man Dies At Narrows Home



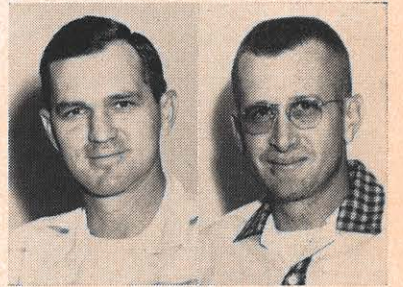
Mr. Wilkinson

Mitchell H. Wilkinson, 79, retired Glen Lyn plant employee, died suddenly at his Narrows home June 26.

Employed by Appalachian in July 1935, Mr. Wilkinson worked in the plant operating department until February 1946. Two brothers, R. Watson Wilkinson, and Raleigh N. Wilkinson, were also Appalachian employees. The deceased was a native of Giles County.

He was a member of the Pentecostal Holiness Church in Narrows.

His survivors include his wife and six children.



Mr. Dean

Mr. Baxter



Mr. Smith

Mr. Hoffman

Mr. Smith was employed March 6, 1951 as a laborer and he too has served as an auxiliary equipment operator. Previous to his employment at Sporn he served three years in the Air Force. He is a member of the American Legion, is married and has three children.

Mr. Hoffman joined Sporn plant February 15, 1951 as a laborer and has also worked as a coal handler, maintenance helper and auxiliary equipment operator. He attended Tupper Plains High School in Ohio and served three years in the Navy. He is a member of the American Legion, is married and has two children.

C. A. Beatty Dies In Huntington



Mr. Beatty

C. A. Beatty, Huntington district commercial sales supervisor, died July 12 in Huntington. He was 59.

First employed in 1931 by the Kentucky and West Virginia Power Company in Hazard, Mr. Beatty transferred to Appalachian's Williamson district in 1933 as merchandise salesman. In Williamson he worked on a variety of assignments, including assistant district manager. In August 1952 he transferred to the Huntington district as district commercial manager, and last year was made district commercial sales supervisor.

In Huntington Mr. Beatty was a member of the Fifth Avenue Baptist Church and the Rotary Club. He was a member of the Masonic Lodge in Hazard, and was past president of the Tri-State Philatelic Society.

Active pallbearers at the services in Spring Hill Cemetery were H. D. Stillman, J. C. Hansbarger, S. R. Pritchard, C. M. Dunn, R. S. Musgrave and R. D. Kuster all Huntington employees.

Mr. Beatty is survived by his wife, a daughter, a stepson, three brothers and two grandchildren.

Two AEP Vets, Well-Known On System, Have Retired



Mr. McKinney

Two AEP Service Corporation veterans, well-known to many people in our companies, retired during July. They are W. D. McKinney, attorney, and Mrs. Mildred Milne, receptionist at AEP's New York office.

Mr. McKinney has been in AEP's legal department since 1926 and became a senior counsel in 1942. In the early years, he did a great deal of work in connection with Appalachian's entry into the AEP System, and later among his other jobs, he was active in acquisition of coal lands and power plant sites.

A native of Washington, D. C., he received a BS degree in architectural engineering at Catholic Uni-



Mrs. Milne

versity there in 1920 and an LLB degree from Fordham University in 1924.

Mrs. Milne, who has welcomed tens of thousands of visitors to the former AEP Offices at 30 Church Street and now at the new location at 2 Broadway, has been receptionist there since 1951.

A native of Rockford, Ill., she was employed for four years by the Rockford Electric Company, a former AEP system company. Later, as the wife of Robert B. Milne, an AEP auditor, she traveled extensively with him on his lengthy visits to the various divisions. She joined the Service Corporation's commercial department in 1944 as a clerk and seven years later moved into the receptionist job.