

We join ourselves to no party that does not carry the flag and keep step to the music of the Union. Choate

# The Illuminator

And the star-spangled banner, oh long may it wave.  
Key

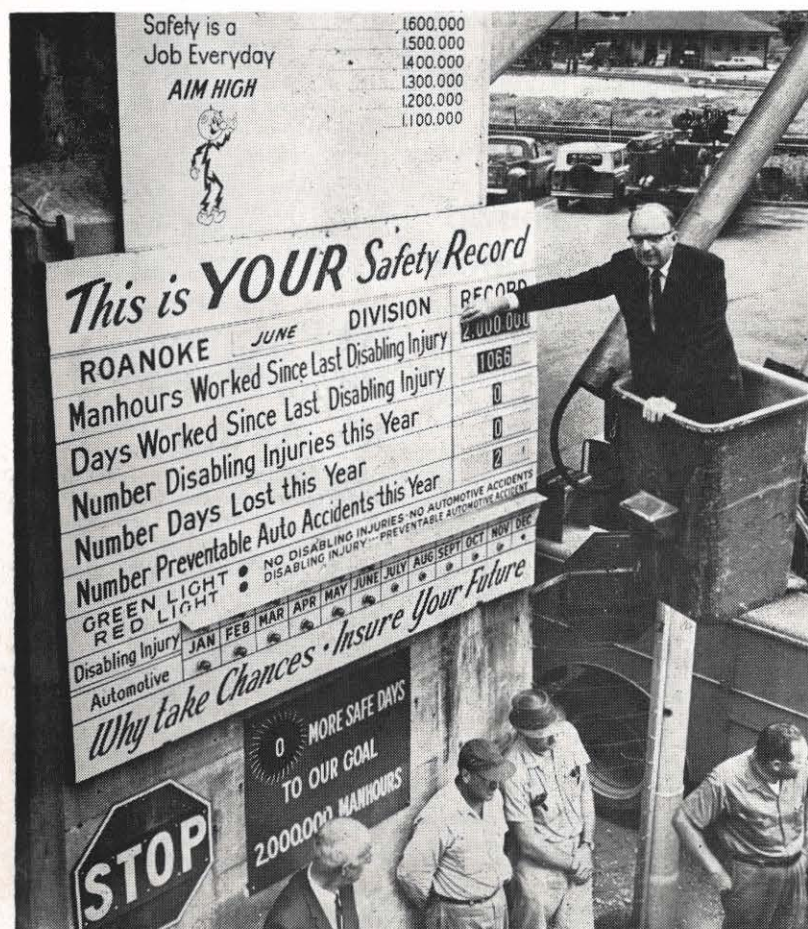
Vol. XVII, No. 10

KENTUCKY POWER COMPANY

APPALACHIAN POWER COMPANY  
OF THE AMERICAN ELECTRIC POWER SYSTEM

KINGSPORT POWER COMPANY

July, 1966



John Vaughan, assistant division manager, marks Roanoke division employees' latest safety achievement by changing the scoreboard to show two million manhours without a disabling injury.

## Roanoke Employees Pass 2-Million Hour Safety Mark

Employees of Roanoke division passed the 2-million-man hour mark last month in their continuing accident-free performance.

The point was actually reached at the end of the work day June 6.

The 350 employees of the division have not had a disabling injury since July 1963, and passed the million mark in December 1964.

Congratulatory messages were sent to division employees by Donald C. Cook, president, and Joe P. Gills, vice president and general manager.

Visual evidence of the performance was provided when John Vaughan, assistant manager of the division, climbed into a bucket and was raised to the safety scoreboard at the Walnut Avenue line headquarters to put in place the 2,000,000 figures as employees and Roanoke newsmen watched.

## Blue Ridge Project's Benefits Cited In Company's Testimony Before FPC

A broad and detailed blueprint for the development of the proposed Blue Ridge Pumped Storage and Hydroelectric Project—and the benefits and economies expected to result from it—was laid before the Federal Power Commission last month by Appalachian Power Company.

In 143 pages of testimony, seven Appalachian executives, engineers and consultants outlined plans to construct the \$124-million 980,000 kilowatt project on the New River in Grayson county, Virginia. The written testimony was part of the procedure involved in seeking an FPC license to construct Blue Ridge.

Special emphasis was given to the project's anticipated benefits, particularly in new recreation facilities, flood control, increased tax payments and increased coal consumption.

The testimony of Joe P. Gills, vice president and general manager of Appalachian, summarized the project's major benefits. He described them as "substantial" and added that construction of Blue Ridge "clearly provides for the most comprehensive development of the power producing potentialities of the upper reaches of the New River."

He said that the development, in addition to utilizing the river for electric power, "will assist greatly in flood control requirements in the New-Kanawha River Basin and it may well have some carry-over benefits on the Ohio River." He added that the benefits from augmenting low-flow conditions as far downstream as Charleston, West Virginia, would be experienced.

Mr. Gills pointed out that water-based recreation, made possible by Appalachian's creation of some 500 miles of shoreline and 26 islands, would be one of the project's important and lasting by-products. He estimated that 1.5-million visitors would avail themselves of the recreational facilities at Blue Ridge each year, and added that the national average expenditure by each such visitor was \$13 per day.

### Economic Benefits

Mr. Gills testified that Appalachian's expected property tax bill the first year of the completed project would be over \$300,000 in Grayson county alone. By contrast, he said that the county's total income from all sources last year was only \$414,000. He added that substantial general improvement, with increased tax revenues and improved industrial expansion prospects, could be expected in the economy of Grayson, as well as Ashe and Allegheny counties in

North Carolina, as a result of the Development.

Appalachian's general manager also revealed that pumping power involved in the pumped-storage operation would require the consumption of an estimated 1,170,000 tons of coal per year, all mined in the Appalachian coal fields. Such consumption would provide employment for more than 300 coal miners with an annual payroll of more than \$2-million, as well as benefits for allied industries.

"Thus, Blue Ridge will contribute to the economic health of the entire Appalachian region by strengthening the demand for coal—the single most important industry in the region," Mr. Gills said.

On the shorter-term basis, Mr. Gills said that 800 would be employed at the peak of construction of Blue Ridge and that the total payroll for the expected six-year construction period was estimated at \$26-million.

## Unangst Promoted To Superintendent

G. W. Unangst has been promoted to the post of Charleston division superintendent of transmission and distribution, succeeding C. A. Perkins who retired.



Mr. Unangst

Pa., and earned an electrical engineering degree at the University of Pittsburgh.

He joined Ohio Power in 1937 as a meter tester in Coshocton, O., and was named engineer in 1942. He served in the Navy from 1943 to 1946 as a lieutenant, and then returned to Ohio Power.

In 1949 he became assistant meter superintendent in Charleston and in 1964 was made assistant division superintendent.

He is a registered professional engineer, a member of the Institute of Electrical and Electronic Engineers and past president of the Charleston Lions Club. He is married and has four children.

### Recreation

Dorman M. Miller, assistant to the Appalachian general manager, testified at length on the company's plans for the recreational development of Blue Ridge. He is also chairman of the advisory committee on impounded waters of the Virginia Outdoor Recreation Study Commission.

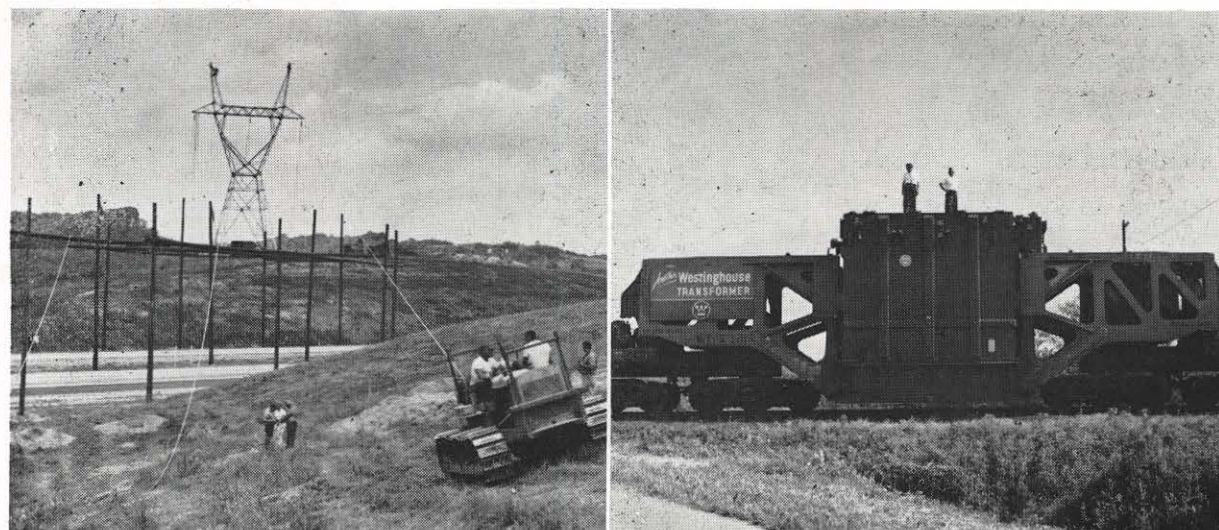
He emphasized that Appalachian's prime objectives in its recreation plans were (a) to provide the visiting public with permanent free access to the project's upper reservoir for recreation purposes and (b) to attain optimum recreation development.

Such optimum use at Blue Ridge, Mr. Miller said, would involve summer homes, resort developments, public parks and beaches, camping and picnicking areas, and supporting service and shopping establishments.

Mr. Miller estimated that Appalachian's expenditures for such purposes alone would exceed \$1-million, plus estimated annual operating expenses of \$175,000. In

(Continued on page 9)

## Public Attention



The work attached to Appalachian's 345-kv line between Sporn plant and Tri-State station and the installation of major station equipment attracted considerable public interest last month. In fact, some of the work couldn't be missed. It involved, left, stringing the conductor right across busy Interstate Highway 64 near Milton. A wood pole structure had to be erected to keep the cable off the highway so traffic

could continue. At right, Fred Schwartz and Ted Smith are dwarfed by the size of the 400-kva transformer destined for the Tri-State station near Huntington. Filled with oil, the transformer will weigh 256 tons when it is installed. The line and station work are part of a \$6.5-million project to bring another source of power in the ever-expanding tri-state area.

## W. G. Bell, Jr. Of Glen Lyn Named Executive Assistant

William G. Bell Jr., manager of Appalachian's Glen Lyn plant, has been promoted to the position of executive assistant to the vice president and general manager in Roanoke.

Mr. Bell's duties will involve coordination of the production activities of the company. The promotion was effective July 1.

A native of Washington, D. C., Mr. Bell was graduated from Virginia Polytechnic Institute in 1950 with a BS degree in mechanical engineering. Following graduation he joined the American Electric Power Service Corporation as an incremental studies engineer. He later was test engineer at the Philo plant and Muskingum River plant of Ohio Power.

In 1957 he was named supervising engineer at Glen Lyn. He became assistant plant manager in 1959 and plant manager in 1965. He presently lives in Pearisburg and is married and has a son and a daughter.

He is a member of the American Society of Mechanical Engineers,

the Pearisburg Planning Commission, Pearisburg Park Commission, the board of directors of the Giles County Chamber of Commerce, and the Town Council of Pearisburg.



Mr. Bell

## The Illuminator

Published monthly for employees of Appalachian Power Company, Kentucky Power Company, and Kingsport Power Company and their families. Articles herein may be reproduced. Published at Appalachian Power Company, 40 Franklin Road, Roanoke, Va.

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## A Birthday Present

It is birthday time again—time to honor a birth and to give presents.

This birthday is not of a person, but of an idea. In July 1966 we celebrate the 190th birthday of this nation and of its ideas of freedom and independence and the rights of man as an individual.

It is a fitting occasion to bring to mind the one thing that every parent wants to give his child—*independence*. From the day when he drops our guiding hand to walk alone—*unsteady*, *unsure* (and certainly this is how our country began on its road to independence)—we as parents want to teach him independence. How fervently we pray that no one, ever, will take away this hard-won freedom to be himself.

But it is being taken away. It is not an overnight process. But it is a sure one. There are many areas of our 1966 life where we have gone a long way from the things the Declaration of Independence had to say about freedom and individual rights and the will of man.

One of the most insidious movements that is taking us away from those ideals written 190 years ago is the one that says we should let the government do it, that the government ought to run such and such a business, a service, an institution. We need only look at a socialist nation to know that when government controls more and more, there is less freedom and independence for the individual.

This birthday anniversary of our nation, let us resolve to give our children a gift: let us teach them that the loss of anybody's independence is a threat to everybody's freedom.

## Cowboys Are Not Needed

Ever watched a water skier and said to yourself: "That's not for me. Who needs broken arms or rope-burned hands or all those muscle strains?"

The fact is that water skiing is a remarkably safe and healthful athletic activity. Sure, it looks pretty dramatic when a skier takes a dunking midst a loud splash. But skiers rarely are seriously hurt.

Things aren't quite so happy for the towing boat and its driver, however. That is where the accidents occur and the danger is.

When we drive a boat pulling a skier, we assume two responsibilities: the safety of the person on the end of the tow rope, and regard for those aboard other boats or in the water. It is a sad fact, however, that with the growing popularity of water skiing, it now ranks third behind cruising and fishing as reasons for buying boats, there is also a growing number of accidents. And they are occurring not only among new recruits, but also among veterans in whom familiarity has bred contempt.

There are several rules for drivers and skiers which make the sport more safe. They are the kind of common sense rules that the "cowboy" or "renegade skier" has never heard of.

The most important is to learn the accepted requirements and regulations in your local area. Add to this the need for proper safety instruction and safety equipment, and the liberal use of good judgment, common sense, and courtesy.

Other recommendations:

1. The best safety factor is the ability to swim.
2. Even qualified swimmers should wear some flotation device when skiing, preferably a life jacket.
3. If you've got the proper equipment, check it.
4. Have an observer in the tow boat to watch the skier. In lieu of an observer, use a wide angle rear view mirror.
5. Stop the motor when helping a skier into the boat.
6. Run boat parallel to the shore and come in slowly when dropping off a skier.
7. Avoid piers, floats, other boats, fishermen, swimming beaches, boat anchorages and buoyed channels.
8. Watch the water ahead.

And have fun. You will, you know, when you use your head.



Soundness is checked with sound in a pole testing program Appalachian is trying out. Frequency of sound waves denotes the condition of the pole at the ground line.

## Wood Doctors Listen To 'Life' Of Power Poles

You almost expect the man to say to the wood pole: "Now, breathe deeply, please."

It's a new method of testing the soundness of the wood poles that carry power lines, and, on the surface, at least, it is much like the doctor listening to his patient's chest. There is the stethoscope-type instrument for listening, and there is the thumping to hear what rings true and what doesn't.

Appalachian launched the program recently in Roanoke and Oak Hill, W. Va. in cooperation with Heath Utilities Inc. of Richmond, Mich. The testing is being done on a certain number of poles, and later these same poles will be drilled for core samples to check the accuracy of the sound readings.

Sound is the word in this experiment. The tester hits the pole at the ground line on one side, and listens on the other. An instrument measures the frequency of sound waves. In simple terms, sound wood when hit will generate high frequency waves, while decayed or partially decayed wood will generate waves of low frequency.

The testing moves pretty fast—in seven hours in Oak Hill the first day, two Heath men tested 159 poles.

One of the reasons for such speed is the mode of travel the men use—a small motor scooter that whips from pole to pole. The rear tire is tractor-cleated and will climb most hills.

The test program, hopefully, will lead to another way in which Appalachian improves its service to customers.

## Johnson Praises "Men And Mountains" Book

Shortly after "When Men and Mountains Meet"—a book on the strengths and beauties of West Virginia—was published by Appalachian and AEP, President Donald C. Cook sent a personal copy to Lyndon B. Johnson.

Last month came a reply to Mr. Cook:

Dear Don:

Thank you for the personal edition of "When Men and Mountains Meet." It is a handsome presentation—but it would have to be to do the subject justice.

You have rendered a great service to West Virginia and every state that can profit from its initiative. I wish you and your colleagues all success in exploiting the development opportunities you so abundantly possess.

It was signed Lyndon B. Johnson.

## AEP Twice Extends Offer To Buy MG & E Common Stock

American Electric Power Company during June twice extended its offer to purchase the common stock of Michigan Gas and Electric Company, of Three Rivers, Mich., through a tender offer to shareholders.

The latest extension expires July 20 but is subject to earlier termination.

In announcing the new extension, AEP President Donald C.

Cook said that the response to the tender offer had been "sufficiently encouraging to warrant this further extension." He added that AEP was reserving the right, however, to terminate the offer prior to the new expiration date.

AEP has offered \$100 per share for MG&E stock—approximately 33% above the bid price of \$74.50 prior to the initial May 17 offer.

The company also has reserved the right to withdraw the tender offer unless a minimum of \$103,000 shares, out of 204,362 outstanding, can be purchased. The offer is subject to approval of the Securities and Exchange Commission.

## Cook Is Honored By NCCJ, Schools

In the past three months, five honors have been accorded Donald C. Cook, president of American Electric Power Company and of our companies, and four of them have been presented by colleges and universities.

The most recent honor, however, came from the National Conference of Christians and Jews, which presented him its National Brotherhood Award in New York June 28. Vice President Hubert H. Humphrey was similarly honored, and both were cited for their "distinguished service in the field of human relations."

Earlier, on June 5, Mr. Cook was awarded the honorary degree of doctor of humanities by Pikeville College in Pikeville, Ky. The degree was conferred by Dr. Redford Damron, acting college president.

The Brotherhood Award citation noted that Mr. Cook was a man "who had dedicated his life to the betterment of the American community." It said the award was made "for his deep devotion to the moral and spiritual values of our Judeo-Christian tradition and for his unselfish service to the welfare and development of his country."

The Pikeville degree, Dr. Damron said, is in recognition of Mr. Cook's longtime efforts on behalf of eastern Kentucky, including location of Kentucky Power's Big Sandy plant in that area as well as his work for the betterment of the region's hospitals and highways.

## AEP Annual Report Wins RK Award

The 1965 annual report of American Electric Power Company was awarded first prize in its category—electric utility holding companies—in the 27th Reddy Kilowatt annual report contest.

The award was presented at the annual convention of Edison Electric Institute in San Francisco last month. It was the fourth consecutive year that the honor had been won by AEP.

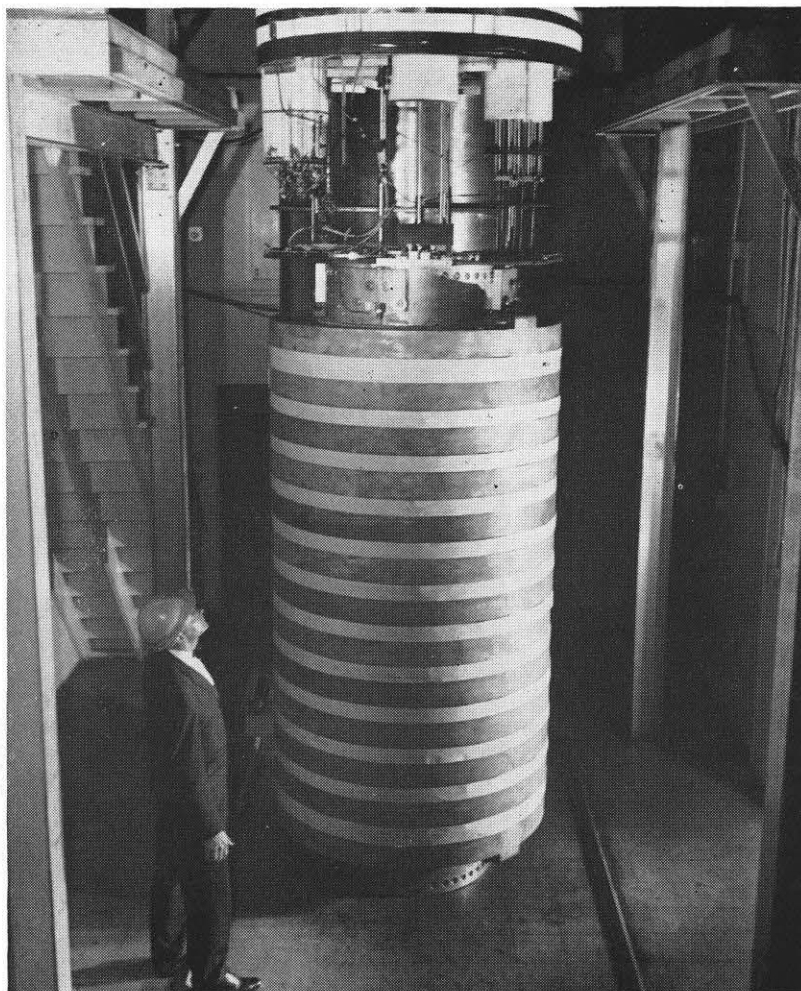
Judging was done by the distinguished panel of experts in the business, financial, and publishing fields.

## Paul Cosway Dies; Was Ohio Retiree

Paul T. Cosway, retired accounting manager of Ohio Power Company, died June 20 at Newark, Ohio, after an extended illness.

Cosway, who was 70, retired in 1961 after 46 years with Ohio Power. He joined the company in 1915 as a construction timekeeper and rose to become head of its main accounting office, as well as assistant secretary and assistant treasurer.

## MHD Breakthrough



The world's largest known superconducting magnet, shown here in Avco Everett Research Laboratory, represents a major breakthrough in the art of electric generation by magnetohydrodynamics. The magnet weighs 15,675 pounds, stands 10 feet high and stores five million joules of energy. Of the development of the magnet and its implications, Philip Sporn, chairman of the AEP System Development Committee, said "The increased efficiency and consequent lower operating costs which will follow from this important achievement will increase both the advantages and economic attractiveness of the MHD concept." The AEP system and its operating companies have been active in the research and development connected with MHD.

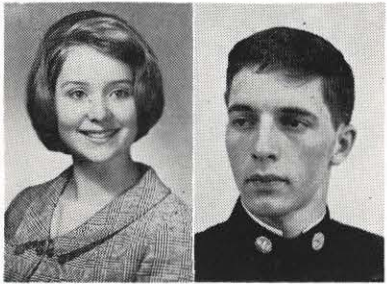
## Graduates Claim Honors As School Year Ends

The Rufus A. West Award, given for the highest scholastic average in the West Virginia University school of engineering, this year went to William L. Wilshire, Jr. son of the Kanawha River plant maintenance foreman. He graduated with honors last month.

In other academic honors won by sons and daughters of employees at the close of the school year, Thomas R. Hanley, an Air Force ROTC cadet at Virginia Polytechnic Institute, was the only junior to be chosen for a full two-year scholarship by the Air Force. He was an AEP Education Award winner in 1963, and the son of



William Wilshire



Mary L. Munday

Thomas Hanley, heating and builder sales representative in Logan.

Lewis Reynolds, who graduated last month from Roanoke's Patrick Henry High School, won first prize at the school in the National Mathematical Contest, and also won the Madame Falwell Trophy. This trophy goes annually for the outstanding accomplishment in academic standing, athletic participation, and moral character. One of this year's AEP Education Award winners, Lewis will enroll in Virginia Military Institute in the fall. His father is C. L. Reynolds, commercial sales engineer in Roanoke.

In Charleston, Mary Lynn Munday was named Miss Patriot by the graduating class of George Washington High School for appearance, leadership, and citizenship. She has been an officer of the student council, on the yearbook staff, president of her sorority and named to Who's Who in Student Leaders. She is the daughter of E. L. Munday, Jr., assistant division manager in Charleston, and will enroll in the University of Kentucky in the fall.

## Cook Named To Harvard Group

Donald C. Cook, president of American Electric Power Company and of our companies, has been appointed a member of the Visitor's Committee of the Harvard University Graduate School of Business Administration.



Mr. Handley

## Serviceman Retires In Huntington

Ira C. Handley, area serviceman in the Huntington division, retired June 1, 1966 after 25 years of service.

Mr. Handley joined the company June 3, 1941 as meter helper. In 1942 he was transferred to the line section where he finished his career with Appalachian.

He is a member of the Masonic Lodge, and attends the Hamlin Baptist Church. He is married, has two sons and a daughter.

## Princeton Fund Elects Parker

Grady L. Parker, area supervisor in Princeton, has been elected president of the United Fund of Princeton.



Mr. Parker

Last year he was general chairman. Always interested in civic affairs, he is also president of the Green Valley-Glenwood Kiwanis Club, a member of Green Valley Volunteer Fire Department, Green Valley Sportsman's Club and is an Elder in the Princeton Presbyterian Church.

He holds an electrical engineering degree from North Carolina State University.

## John Givens Relives Part Of History Before Retiring

"I feel like a kid let out of school," John Givens said when he retired July 1 after 48 years with Appalachian and its predecessors.

The Charleston utility clerk clearly remembers starting with the West Virginia Water and Electric Company. A native of Charleston, he and his parents returned to Charleston from Cincinnati during World War I, and his father took a job as boiler maintenance man at the Slack Street plant. One morning he pulled the 16-year-old Johnny out of bed, covers and all, and said, "Come on, son, we're going to work."

At the plant, John was given a small office where he cut gaskets and issued tools. Soon more equipment was installed at the plant, but in 1922 John was laid off. Two months later he was rehired, beginning his record of 44 years of continuous service.

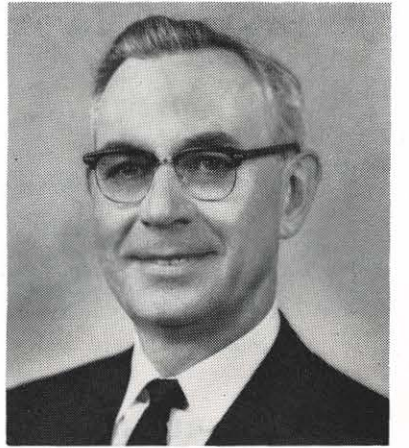
He went to the main office on Truslow Street, which was razed in 1962, to work on payrolls, stock ledgers, and accounts receivable. Those were the days when the West Virginia company furnished stock for numerous small utilities, and large amounts of intra-company billing was done before the formation of Appalachian in 1926.

During the next several years John moved quite a bit: to the storeroom in 1928, then back to accounting, then to Montgomery as chief clerk in 1938, back to Charleston six years later, to St. Albans in 1958, and finally, back to Charleston in 1962.

"In this period of time," he says, "I had the opportunity to see the company grow from a small central station to become a part of one of the largest, most progressive utilities in the world. In the old days, everything was crude, and the work was done the hard, back-breaking way. We have gone from seven 12-hour days a week to five 8-hour days. Looking back, it seems that the country and the company have been emerging from the dark ages."

During the last seven weeks of his service before retirement, John was engaged in a singular finale, filled with sentiment and memories. Where else would be more fitting to wind up his working days than the place where he started, 48 years ago?

So, at the old Slack Street plant, idle now for decades, he cleaned up his little office of days past and within its silent, dusty walls, worked



Mr. Givens

alone, preparing old records for cremation. "There are no turbines there now," he said, "but in my mind's eye I can still see them, and hear the machinery making kilowatts."

Now, he says, he will concentrate on learning all over again how to bait a hook, and take advantage of a camp his brother owns on Elk River. He will devote more time to Schwamb Memorial Presbyterian Church and the Beni Kedem Shrine. He and his wife will continue to live in Charleston, near their son, daughter, and five grandchildren.

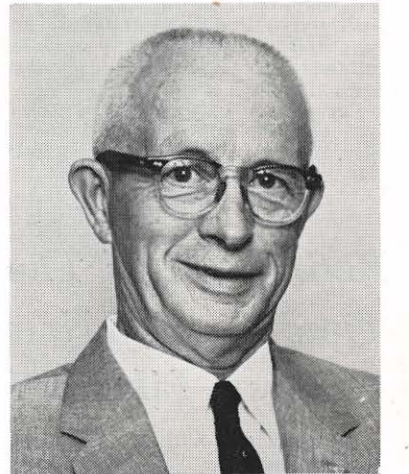
## Roanoke Retiree Dies At Home

E. M. Roddy, retired Roanoke division employee, died June 2 at his home in Fort Lawn, South Carolina.

Mr. Roddy retired in June, 1952 after 24 years of service with the company. He was a lineman for many years, and was substation maintenance man helper at the time of his retirement.

Upon retirement he moved to his home and relatives in Chester county, South Carolina. He was unmarried and was residing with a nephew at the time of death.

## Shipwash Retires From Bluefield Job



Mr. Shipwash

Robert Ernest Shipwash, appliance serviceman in Bluefield, retired on June 30, after 37 years of service.

He worked for the company a short time in 1921 and also from 1923 to 1928. His unbroken service began in 1929.

He has been a meterman's helper, clerk, clerk intermediate, field time and material clerk, T&D clerk, as well as appliance serviceman.

Mr. Shipwash was born in Austinville, Virginia, and attended Bluefield Summit City Business College.

Mr. Shipwash is a charter member of the Green Valley-Glenwood Kiwanis Club, a member of The Blue Lodge, Royal Arch, Bluefield Shrine Club, Shrine Patrol and Past Commander of Knights Templar.

He is married to the former Thelma Lawson of Ivanhoe, Virginia, and they are members of the Grace Methodist Church of Bluefield.



## Appalachian Power Company

ABINGDON DIVISION—35 YEARS: SHIRLEY R. MILLER, utility clerk. 30 YEARS: D. B. CASSELL, truck driver-groundman. 20 YEARS: J. R. WARDEN, commercial sales engineer.

BLUEFIELD DIVISION—30 YEARS: CHARLIE F. MUNDY, line inspector; CHARLES J. BROWN, Jr., area serviceman; LLOYD B. LEE, assistant division superintendent of transmission and distribution. 25 YEARS: GREYER CLARENCE ROACH, truck driver-groundman; HOWARD STANLEY MEADOWS, senior electrical engineer; WILLARD ALBERT JOHNSON, meter reader. 20 YEARS: CHARLES I. TAYLOR, area serviceman; ELMER E. HASH, lineman.

CABIN CREEK PLANT—30 YEARS: K. L. WILLIAMS, boiler operator. 25 YEARS: E. F. DARLINGTON, boiler maintenance helper; H. S. MULLINS, plant janitor; M. G. WILLIAMS, mechanical maintenance man. 15 YEARS: G. T. LINGER, Jr., boiler maintenance man.

CHARLESTON DIVISION—35 YEARS: E. A. MURRAY, Jr., power sales engineer. 30 YEARS: GEORGE T. TURLEY, material clerk; DENZIL A. ALLISON, truck driver-groundman; E. B. LANDERS, truck driver-groundman; HARRY F. ARNOTT, credit supervisor. 25 YEARS: J. D. WALTERS, division accounting supervisor. 20 YEARS: ROBERT H. PRICE, area serviceman. 15 YEARS: JEAN KAY BRASH, cashier clerk; CLAYTON STARCHER, meterman. 10 YEARS: S. J. FARMER, Jr., customer accounts supervisor.

CLINCH RIVER PLANT—25 YEARS: JAMES A. MASSIE, unit foreman. 10 YEARS: ARNIE A. NESTER, test engineer. 5 YEARS: GEORGE W. DOAK, utility operator.

GLEN LYN PLANT—30 YEARS: EUGENE E. COMER, shift operating engineer; JOHN C. DRAIN, shift operating engineer. 15 YEARS: EUGENE C. WEATHERLY, maintenance man.

HUNTINGTON DIVISION—25 YEARS: H. V. MAYO, groundman; C. H. MURRAY, Jr., line inspector. 15 YEARS: JOHN DONATHAN, Jr., service representative. 10 YEARS: ARLENE LEADMAN, senior lab technician; MARY ANDERSON, chemist; RONALD HOUSE, chemist; L. K. GROSE, stationman.

KANAWHA RIVER PLANT—10 YEARS: S. A. BROWN, coal handler.

LOGAN-WILLIAMSON DIVISION—30 YEARS: LESTER TOLER, general serviceman. 20 YEARS: E. P. HAGER, commercial sales engineer. 15 YEARS: GLENN FELTY, meter reader; ONA M. MURRAY, cashier clerk. 10 YEARS: C. A. SIMMONS, division engineer.

LYNCHBURG DIVISION—35 YEARS: E. J. RICE, heating and builder sales representative. 20 YEARS: W. C. BOBLETT, meter service helper; W. W. FORD, Jr., division commercial manager. 10 YEARS: J. B. RICE, line supervisor.

PHILIP SPORN PLANT—15 YEARS: MAJOR F. JUSTIS, maintenance man; CLARENCE A. BRADFORD, equipment operator; GAIL P. BUCK, maintenance man; WILLIAM C. GIBBS, instrument maintenance man; KENNETH O. ROLLINS, assistant yard foreman; CHARLES P. BUXTON, equipment operator; GEORGE A. WOLF, unit foreman. 10 YEARS: MARY J. SAYRE, stenographer; JACK L. PICKENS, helper; ROBERT L. SAYRE, auxiliary equipment.

PULASKI DIVISION—30 YEARS: L. A. SHARPE, area supervisor. 25 YEARS: L. R. MARE, meter reader; C. M. MCCRADY, meter serviceman. 20 YEARS: F. R. CECIL, lineman; D. N. WHITAKER, secretarial stenographer.

ROANOKE DIVISION—25 YEARS: W. I. HARTMAN, groundman. 20 YEARS: A. T. HUNDLEY, lineman; F. G. LLOYD, line foreman; H. S. MASON, stores supervisor. 15 YEARS: D. F. BRUMFIELD, station man. 10 YEARS: A. Q. CROY, electrical engineer; SHIRLEY K. GARMAN, stenographer; R. S. HASKINS, engineering aide.

SYSTEM—25 YEARS: C. F. WHATELY, Jr., system control wireman; A. R. MAIN, system civil draftsman. 15 YEARS: E. K. CHAMBERS, system electrical engineer; MABEL F. FULP, work order accounting clerk. 10 YEARS: C. E. GRAHAM, system transmission man; HAZEL H. CAMDEN, clerk stenographer; NORMA L. DAVIS, service order audit clerk; DORIS S. YOUNG, service order audit clerk; W. A. HADDAD, regional dispatcher; C. W. HAAS, regional dispatcher; C. W. BACCHUS, regional dispatcher; J. W. MUNSEY, assistant regional chief dispatcher; H. H. LEWIS, system station operator; J. P. HARDWICK, regional dispatcher.

## Kentucky Power Company

ASHLAND DIVISION—25 YEARS: ROGER G. THOMPSON, system area development director. 20 YEARS: J. R. PAUL, division accounting supervisor. 15 YEARS: BILLY J. BARBOUR, appliance serviceman.

HAZARD DIVISION—25 YEARS: B. K. EWEN, lineman. 20 YEARS: ARNETT STRONG, draftsman. 10 YEARS: RAYMOND FELTNER, meter reader.

PIKEVILLE DIVISION—20 YEARS: WILLIAM B. SYCK, appliance serviceman. 15 YEARS: ANDREW POULOS, station man. 10 YEARS: DENNIS CLARK, lineman; JAMES E. HOPSON, instrument man.

## Kingsport Power Company

15 YEARS: C. J. RIDDLE, lineman. 10 YEARS: E. J. FUGATE, electrical engineer. 5 YEARS: HOWARD HUDSON, draftsman; L. E. MILLER, service coordinator.

## WS Idea Production Shows Increase Over Last Year

The Work Simplification program continues to pick up steam.

A total of 99 proposals were processed during the months of April and May to bring the total for the first five months of 1966 to 210, a gain of 69 per cent over the corresponding period last year.

Employees' names appearing on the 99 proposals mentioned above are listed below. Asterisk indicates more than one proposal.

**Abingdon:** Hobert S. Taylor (\*), E. P. Lethcoe, James E. Hill, Fillmore McPherson, John C. Morefield, L. C. Valley (\*), Ernest F. Sutherland (\*), D. C. Landreth, W. L. Smythers.

**Bluefield:** Frederick L. Jones (\*), Frank B. Barnes (\*), J. R. Turpin, Grady L. Parker, C. L. Shockey, Claude I. Lane, Erle M. McKinney (\*), Lois K. Rounion, W. L. Mitchell, B. L. Cline, Eulalie Footo, W. C. Sexton, J. A. Barnes, J. J. Harmon, Jr., Lina P. Light, Clyde O. Welch.

**Charleston:** S. E. Robie, P. W. Hatcher, Jr., D. H. Williams, R. W. Bradshaw, Emma Jean Wilson, Charles L. Conner, L. G. Burns, E. F. Eager, T. K. Rhodes, C. J. Crawford, E. A. Stone (\*), R. W. Lacey.

**Huntington:** G. F. Swartz, Clarence Copley, A. W. York (\*), B. B. Connelly, Victor Altizer, C. E. Yeager, T. R. Templeton, L. J. Hedrick (\*), Frances J. Jordan, J. L. Stewart, K. G. Roush.

**Logan-Williamson:** R. B. Waggoner, Mary Elizabeth Davis (\*), Emma Jane Reynolds, J. E. Runyon.

**Lynchburg:** J. E. Howard, W. E. Moss, H. M. Crank, R. C. Withers, J. E. Stevens, S. L. Drumheller.

**Pulaski:** Opal M. Newland, M. C. Spangler.

**Roanoke:** L. R. Buchanan, E. R. Lacy, Jr., Charles R. Paxton, A. L. Hall, Jr., S. F. Plybon, A. B. Beheler.

## Plants

**Clinch River:** E. D. Buskirk (\*), L. A. Singleton, L. E. Hollins (\*), J. R. Blankenship, W. A. Griswold.

**Kanawha River:** W. F. Sampson (\*), Clara J. Armstrong, A. F. Hanning, W. J. Buchanan (\*), H. B. Ballard.

**Glen Lyn:** J. H. Witt, Jr., Betty Freeman, P. H. Mann, Roy E. Pendleton, G. L. Evens, W. B. Coldiron, B. M. Brown.

**Philip Sporn:** Claire Blackwood, William D. Brown, W. R. Hays (\*), H. J. Rader.

## System

**T&D:** Mary K. Price.

**Accounting:** B. N. Bennett.

**Operation:** R. N. McDaniel, R. L. Herr.

**Real Estate/Right of Way:** Guy L. Cromer.

**Public Affairs:** C. Richard Lovegrove.



Miss Lowman

## Miss Lowman Retires In Pulaski

Ruby M. Lowman, stenographer in the Pulaski division commercial department, retired June 1. Her service with Appalachian began in September 1939 as stenographer in the transmission department in Bluefield, West Virginia. In 1943 she transferred to Pulaski in the commercial department.

A member of Pulaski First Methodist Church, she is active in the various church programs and expects to continue in civic services to the community.

Her retirement plans include her hobbies of working with flowers, reading, and to do some travelling.

## Six Youngsters Win In Poster Contest

Six cash prizes were awarded to children of employees who submitted entries in the annual safety poster contest sponsored by the Roanoke Office Planning Program Group.

The winner in the six-to-nine age group: first, Louwana Whitlow, daughter of R. A. Whitlow, system station; second, Geoffrey Brown, son of M. W. Brown, Fieldale customer accounts supervisor. In the 10-to-12 group: first, Martha McDearmon, daughter of R. H. McDearmon, system accounting; second, Katherine Middlekauff, daughter of O. V. Middlekauff, system station. In the 13-to-15 group: first, Amanda Turner, daughter of Norwood Turner, system accounting, and second, Carolyn Hale, daughter of H. A. Hale, system station.

Posters had to reflect some safety aspect of home, traffic, school, and play. First prize winners received \$10, second prize, \$5.00.

## Retirement Is The Time To Try New Things—Like Golf

Once in a while an employee nearing retirement comes smack up against the question: what will I do with my time? Most solve the problem satisfactorily. One of those is Mrs. Lois Sheppard.

Mrs. Sheppard retired from the Stuart office in the Fieldale Area of the Roanoke division a year ago. She decided that after 34 years with Appalachian and devotion to her community and church, she would try something new—golf.

She had never played in her life, but she went out and bought a golf outfit, clubs, balls, bag, and cart, and arranged for lessons at the nearby Stuart Golf Course.

Now golf places right along side flower cultivation, knitting, and running an appliance store in her activities.

She continues her work in civic groups, a garden club and her church, and still finds time to devote to her two grandchildren.

Preparing to drive on the Stuart Golf Course is the area's newest golfer, retired employee Mrs. Lois Sheppard.

## Married In Recent Weeks

### Baker-Burnett

In the Stanleytown Methodist Church, Stanleytown, Virginia a ceremony uniting Betty Jane Baker and Bruce Burnett was performed June 25. Mrs. Burnett is a stenographer in Roanoke.

### White-Fox

Susan White and Donald Fox were united in marriage April 29 in the Waverly Road Presbyterian Church in Kingsport. Mrs. Fox is the daughter of Keene White, administrative assistant in Kingsport.

### Wyatt-Johnston

Martha M. Wyatt and Danny D. Johnston were married June 11 in the Tasso Methodist Church, Cleveland, Tennessee. Mrs. Johnston was a home sales representative in Pulaski.

### King-Ratliff

Elizabeth Joyce King became the bride of Charles Ratliff in a ceremony performed May 28. Mrs. Ratliff is a senior contract clerk in Pikeville.

### Lucas-Jones

Marriage vows were exchanged by Hermia D. Lucas and William J. Jones in a ceremony performed in the home of Mr. and Mrs. Gordon D. Dean, Bluefield, Virginia, June 4. Mrs. Lucas is a pre-audit clerk in Bluefield.

### McCune-McDaniel

Matrimonial vows were repeated by Doris Marie McCune and Charris F. McDaniel on June 11 in the Wick Methodist Church, Wick, West Virginia. Mr. McDaniel is a utility man at Philip Sporn Plant.

### Macleery-Young

Sunset Chapel in Huntington, West Virginia, was the scene for the wedding of Brenda Kaye Macleery to Donald Ray Young May 6. Mr. Young is a laborer at Cabin Creek Plant.

### Hoffman-Moreland

A double ring ceremony performed June 3 in the Valley Grove Church of the Nazarene united Bette Jo Hoffman and Thomas L. Moreland in marriage. Mrs. Moreland is the daughter of E. R. Hoffman, lead draftsman, Charleston.

### Harker-Johnson

The wedding of Karen Louise Harker and James Robert Johnson took place May 28 in the Beulah Baptist Church. Mrs. Johnson is the daughter of J. D. Harker, electrical engineer, Lynchburg.

### Alley-Ross

On June 4 Kerma Gayle Alley exchanged nuptial vows with Richard Conner Ross in the Trinity Methodist Church in Bluefield, West Virginia. Mr. Ross is employed in the division transmission and distribution department, Bluefield.

### Conatser-Davis

Karen Conatser became the bride of Joe Harold Davis on May 9. Mrs. Davis was a clerk typist in the commercial department in Hazard.

## They're Engaged

JOYCE HIGGINBOTHAM to Ronald Lee Figg. Mr. Figg is the son of H. M. Figg, Jr., residential heating representative, Lynchburg.

MARIAN CANDLER to Kenneth W. Richardson. Miss Candler is a clerk stenographer in Lynchburg.

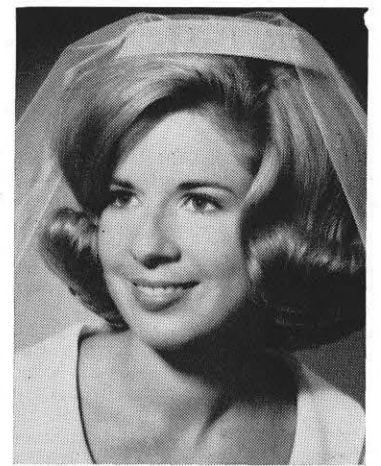
SUSAN LORENE BUSKIRK to Dennis Williamson. Miss Buskirk is a clerk trainee in Ashland.



Mrs. Richard Conner Ross, Bluefield



Mrs. Bruce Burnett, Roanoke



Mrs. Donald R. Fox, Kingsport



Mrs. Thomas L. Moreland, Charleston



Mrs. James Robert Johnson, Lynchburg



Mrs. Joe Harold Davis, Hazard



Mrs. Danny D. Johnston, Pulaski

## Women's Clubs Win Cash Prizes For Lighting

Efforts by women's clubs in the Charleston division for better lighting in streets and parks won cash prizes for three of the groups.

The General Federation of Women's Clubs and the Reader's Digest Foundation jointly sponsor a better lighting competition each year. Awarded prizes this year were the Woman's Club of Beckley, the Woman's Club of Fairview, and the Woman's Club of South Charleston jointly with the Woman's Civic Club, and the Colonial Club. Beckley won third prize nationally in the 10,000 to 50,000 population category.

The purpose of the contest is to reduce crime and traffic accidents through adequate lighting of streets, highways, parks, playground and other places.

## New Arrivals

### Abingdon Division

MR. AND MRS. R. P. CUSSINS, a daughter, Jeanie Lynn, June 13. Mr. Cussins is a lineman, Clintwood.

### Charleston Division

MR. AND MRS. ROBERT E. CHRISTENSON, a son, Gerritt Russell, May 25. Mr. Christenson is an engineering aide.

### Hazard Division

MR. AND MRS. JOHN CODY, a son, Stevan Bruce, June 7. Mr. Cody is a stationman.

### Kanawha River Plant

MR. AND MRS. EVERETT BIRD, a daughter, Constance Rene, May 31. Mr. Bird is a utility operator.

### Logan-Williamson Division

MR. AND MRS. FRED DESKINS, JR., a daughter, Frederica Elaine, May 9. Mr. Deskins is a lineman helper, Williamson.

### Lynchburg Division

MR. AND MRS. RICHARD O. CASH, a son, Todd Davis, May 9. Mr. Cash is employed in the meter section.

MR. AND MRS. EARL ALMOND, a daughter, Carolyn Sue. Mrs. Almond was a stenographer.

### Roanoke Division

MR. AND MRS. W. S. WILLIAMS, JR., a son, William Steven, May 26. Mr. Williams is a PBX operator.



## Officers

K-Appa-K of Williamson has chosen these ladies as leaders during the new year. Front row from left are Betty Roach, vice president, and Fannie Holland, president. Back row from left are Virginia Stafford, treasurer, and Alberta Shelton, secretary.





Gordon Adams, having just received his Eagle Scout pin from his mother, in turn pins on her a miniature of the same award. Gordon is the son of A. G. Adams, truck driver-groundman in Rocky Mount, and has previously earned the God and Country Award and the Medal of Merit. A graduate of Franklin County High School, he will attend Ferrum Junior College in the fall.

## Roanoke

At its recent annual outing, the Roanoke Boosters Club elected D. C. Kennedy president for the coming year, and John Vaughan a director. John also won first place for low net in the club's golf tournament at Hot Springs.

D. C. Duncan, retired system safety director, made the rounds of the general office building recently. He and Mrs. Duncan had just returned from spending the winter "down under"—in Australia, New Zealand, and Hawaii.

David B. Stoner, son of accounting's D. B. Stoner, graduated from Virginia Polytechnic Institute with a bachelor of science degree. He was an AEP Education Award winner in 1962.

Ronnie Brown made the dean's list at Patrick Henry College. He is the son of M. W. Brown of Fieldale.

Back to work following convalescence from surgery is Lawrence Hopson, head janitor.

A new employee in Fieldale is Maynard Handy, accounting.



At a recent organizational meeting for Charleston division retired personnel and their spouses, Mrs. O. G. Fisher chats with John Hammer, division personnel supervisor, while retirees and active employees chat in the background. The Charleston group elected K. P. Counts to serve as its representative on the com-

pany-wide organization, and Mary Faulkner was elected secretary and Hobart Ballengee treasurer for the local group. C. W. Lovell, M. O. Wilson, and W. F. Keehne, the officers of the retirees' association, attended.

## Charleston

Charles R. S. Garten, son of accounting's Russ Garten, was graduated from St. Charles College in Catonsville, Md. He will enter St. Mary's University in Baltimore to continue his studies toward ordination to the Catholic priesthood.

John Griffie, of the commercial department, served as chaperon for a group of 27 junior high school students touring Sutton Dam, West Virginia Wesleyan, Davis and Elkins College, West Virginia University, and Seneca rocks and caverns. The tour was held for science students.

Two varied assignments were the lot last month of commercial's Jim Musgrave. He was elected a deacon at Teays Valley Presbyterian Church, and later picked by the Logan Jaycees to act as judge for the Miss Logan County contest.

Meetings claimed the time and attention of three Charlestonians. K. P. Counts, retired accounting supervisor, participated in the 8th

West Virginia Department Convention of the Veterans of Foreign Wars, and swapped reminiscences of the conflict of a half-century ago with old comrades. Another retiree, E. S. Brown, electrical engineer, was elected a delegate to the national American Legion convention to be held in Washington in August. Mrs. Keith Lazenby attended the Diamond Jubilee Convention of the General Federation of Women's Clubs in Chicago.

Another retired employee, B. W. Clay, who was stores supervisor, was visiting in Charleston recently from his retirement home in Sarasota.

New employees are Bonnie Perry, commercial; Ernest Waldon and Ronald White, T&D, and James Stone, Virginia Street.

Trey Munday finished the 9th grade at Thomas Jefferson Junior High by winning his football letter and being elected best singer and most talented in his class. He's the son of E. L. Munday Jr.

Imogene Legg has returned to work after an extensive absence following eye surgery.

Larry Swannigan, commercial, recently won the best sales report award in the Dale Carnegie Sales Course. Enrolled with him are Ed Sheets and Bud James.

Chris Mitchell's brother, Hugh Christy, has returned to the U. S. after a seven-months' tour of duty aboard the U. S. S. Kitty Hawk off the coast of Viet Nam.

### Beckley

J. Robert Lilly has been awarded an assistantship towards work on a master's degree in sociology at Bowling Green State University. He is the son of A. H. Lilly, area serviceman.

W. C. McMahan, area manager, represented the Beckley Rotary Club at the Rotary's national convention in Denver last month.

John Gates and Paul Hancock, both of whom are employees, Elks, and golfers, played in the State Elks Golf Tournament in Princeton last month.

## Personal Mention

Jerry C. Burnette received the degree of doctor of dental surgery from the University of North Carolina last month, and has moved to Dallas to begin a four-year residency in oral and facial surgery. He has presented original papers to dental societies while he was at North Carolina. He is the son of J. C. Burnette,



Dr. Burnette

Kanawha River plant safety supervisor.

R. A. Armistead Jr., whose father is area superintendent in the Roanoke division, has completed all residence and research requirements for his doctorate of philosophy in nuclear physics at Carnegie Tech. He is a former winner of an AEP Education Award, and took his undergraduate study at Virginia Military Institute where he was an All-Southern Conference football player.

Ronald W. Witzel earned a master's degree in electrical engineering from Purdue University last month. He was graduated from the U. S. Military Academy in 1962, and before he enrolled in Purdue completed airborne and ranger training and spent a year in Korea. He will leave for Vietnam this month for duty with the First U. S. Cavalry. His father is W. R. Witzel, Huntington division personnel supervisor.

# Happenings Around The Circuit

## Huntington

### Huntington

R. M. Oakley, meter clerk in Huntington, received his degree as associate in science from Marshall University.

Lynda Hall, daughter of O. C. Hall, Point Pleasant, received her cap from Pleasant Valley Hospital Candy Strippers. She completed 50 hours of service during the past school year.

### Philip Sporn Plant

Edwin H. Clarke and Cecil Sayre have been elected to the New

Haven Town Council. Mr. Clarke is maintenance foreman, Mr. Sayre is the husband of Macy Jane Sayre, stenographer.

At concluding exercises in Mrs. Powell's music school, Linda Abolin was chosen outstanding student of the year and Diana Herndon received the excellent work award. Linda's father is T. W. Abolin, Diana's is Robert Herndon.

Roy D. Grimm, utility man since he joined the company in January, has been called to Army service.

Wilber Jack Stewart has resigned. New employees at the plant are Christopher Anderson, Arthur Casey, John Hill, and Charles Johnson.

## Bluefield

### Bluefield

Warren Brooks, retired meter supervisor, has been awarded his 50-year Masonic service pin, capping a career that is still active. He has just returned from the annual conclave of the Grand Commandery of West Virginia at Martinsburg, and also attended the sesquicentennial celebration of the Grand Encampment of Knights Templar in Clarksburg. Mr. Brooks is a past commander of the Knights Templar.

Mr. and Mrs. Mark Rich have been honored by the First Methodist Church of Bluefield, Virginia. Mrs. Rich was elected president of the Woman's Society of Christian Service, and Mr. Rich chairman of

the official board, and a member of the board of trustees.

In the Bland Street Methodist Church, Forrest Bocock was picked to serve as secretary of the official board, and John Montague to membership on the music committee.

The Huffard Achievement Award at Graham High School, annually given to the graduate with the highest scholastic achievement over a three-year period, this year went to Sandra Yost, daughter of Mr. and Mrs. Lloyd B. Lee.

W. J. Gillespie has been elected chairman of the fund drive for the YM-YW building fund.

### Welch

R. H. Ruff represented Lions International at formal dedication

## System

Mary Ruth Chambers, system transmission line department in Bluefield, was recently appointed grand marshal of the Grand Chapter of Virginia, Order of the Eastern Star. She has long been active in the Order, and served as worthy matron of the Bluefield Chapter two years ago. Her husband is Keith Chambers, system station department in Bluefield.

ceremonies for the Henry Knox building at Freedoms Foundation at Valley Forge. Mr. Ruff, a director of Lions International; has also just been named a director of the Welch club. His son, Gregg, made the dean's list at West Virginia University.

Presiding over the Pineville high school senior award assembly was Cathy Cook, student council president, and daughter of Lucille Cook. At the assembly, Judy Dee Farley, daughter of Lonedra Rose, won the social science and American Legion awards.

Chucky Brown, son of C. J. Brown Jr., has been named news editor of VPI's student newspaper ... S. W. Hylton Jr. was a delegate to the state Lions convention in Arlington, Va. ... Lvonne Ferguson is a new employee in the Welch accounting office.

## Logan-Williamson

The end of school brought election as valedictorian in the ninth grade graduating class to Brenda Kohari, whose father is Michael Kohari; a scholastic award in science to C. L. Miller's daughter, Carol, who graduated from Belfry High School and plans to study nursing; and membership in the National Honor Society for straight A work to Mary Ann Richmond and Jack Blevins. They are the children of J. L. Richmond and R. D. Blevins.

Elections for employees put Everette Carrico in as first vice president of the Mingo chapter of the Izaak Walton League; C. L. Miller as a member of the board of trustees of the United Foundation Incorporated, and D. A. Kinser as president for a second term of the Verdunville grade school PTA.

Karyn Cantees has been given the honor of heading the Williamson High School Band Majorette Corps for the 1966-67 school year. All girl members of the band were eligible to try out for the nine majorette posts, and Miss Cantees was selected to the Head Majorette position in competition with the other eight selected corps members.

Karyn also plays bass clarinet. A junior at Williamson High School, she is the daughter of Naomi Cantees, Williamson office contract clerk.

## Kingsport

Mrs. Bennett McAlpine, home sales representative, has been elected to the board of directors of the Altrusa Club. She served as its first president.

Charlie Anderson has joined the company in the T&D department.

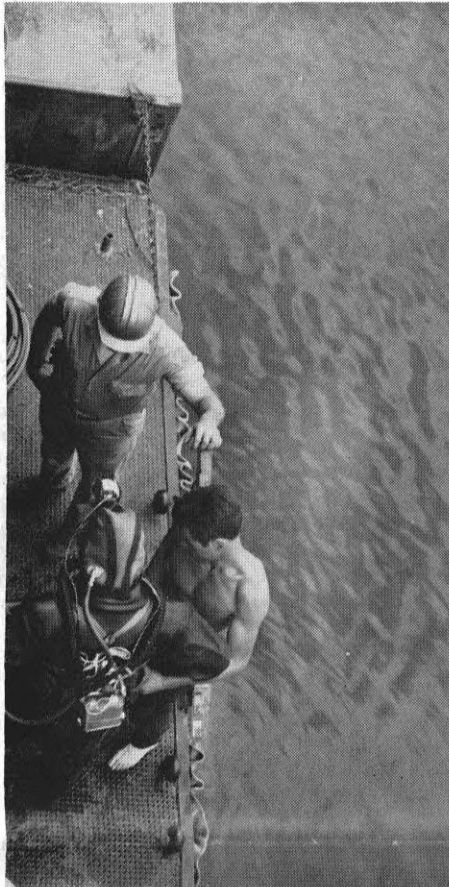
(More Personals on page 11)



The Bluefield Girls Service Club took a field trip last month to the Smith Mountain Project, and spent most of a rainy day on a trip over the lake, a look inside

the dam's powerhouse, and a visit to the top of the structure. Jim Bauknecht, R. W. Speas, and Prince Thornton assisted in the tour arrangements.

# Long Distance Eyes



A diver and his assistants make last minute checks and adjustments on equipment before he starts his 200 foot trip to the bottom of Smith Mountain lake.

If you can't go yourself, send your eyes.

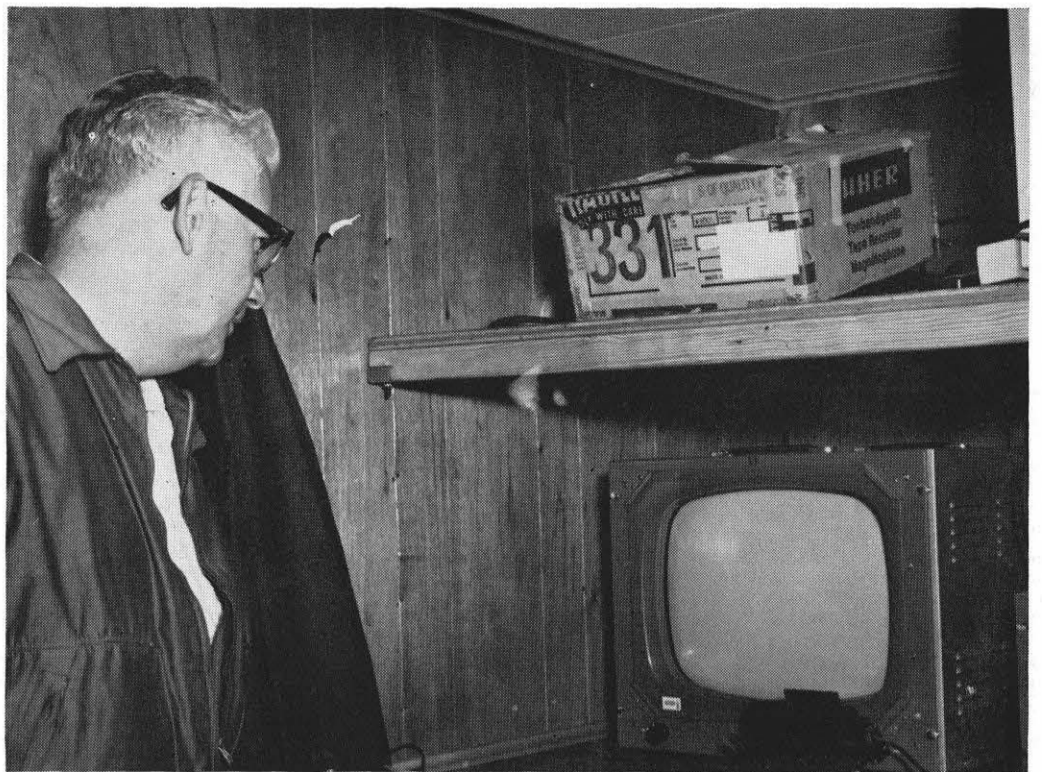
That's the philosophy that resulted in the application of another sophisticated new technique to the Smith Mountain project at the end of May.

For the first time, a live television program was broadcast from the base of Smith Mountain Dam in 200 feet of water. The audience consisted, not of kiddies waiting for the cartoons, or husbands waiting for the golf match, but of a handful of engineers and construction men.

The work was the altogether serious business of inspecting the trash racks of the dam's two pump-back units, the base of the structure itself, and the area around the penstocks.

The trash racks were repaired last fall by a diving outfit living under pressure, and it was deemed suitable to inspect at this time the work done then, and at the same time, make the first of a series of routine general inspections.

Since dam-builders are not divers and divers are not dam-builders, some method had to be found to permit construction men to view what the divers were



Earle Snodgrass, resident engineer during construction of the Smith Mountain dam,

follows on television the inspection of trash racks and the dam structure itself.

viewing. International Underwater Contractor, Inc., headed by Andre Galerne, a Frenchman, undertook the job.

Using conventional diving equipment, a team of four divers took turns working in the 40-degree water. On each trip they took to the bottom with them a television camera and a 1000-watt lamp specially housed. On the dam in an electronics laboratory on wheels, a television receiver screened the picture being made by the camera. Another diver kept telephone communication with the man below.

Earle Snodgrass, resident engineer for Appalachian on the job, and other construction men watched intently as the camera panned over the work 200 feet below. The viewers could ask for closeups for closer inspection, or for the camera to be held immobile while they took photographs of the screen. The 1000-watt lamp provided enough visibility to permit viewers to count the threads on the bolts holding the screen in place.

The verdict on the inspection: excellent.

The medium which links all operations of Appalachian, and which provides one of the main means of efficiency in these operations, is the company's radio and microwave communications system.

## MW And VHF: Service

There was a time when VHF (Very High Frequency) Radio, often called two-way radio, and microwave were not used by Appalachian. In fact, VHF radio did not arrive in the system until 1939, 13 years after the present Appalachian system was formed. And microwave as a communications tool has been working for Appalachian for only nine years. Even so, Appalachian was among the first industries using radios as a tool.

Their importance in our operations and in our efforts to provide the best possible service to our customers is such that they are second nature to our business.

When VHF was first used by Appalachian, in Roanoke, on an experimental basis, the system

consisted of a base station and five mobile radio units. The company's present FM radio system got its start in Charleston in 1944 with one base station and 10 mobile units. Success came almost overnight, and today there are 50 base stations, 510 mobile units and 80 portable units in operation. You will find base stations in company offices, service buildings, and the like, and mobile and portable units in company vehicles and out on the job.

### VHF Use

The VHF system is such now that there is radio communication available to almost every point in the operating area, mountains and

all. It is used by everyone connected with construction, maintenance, emergency repair and field operation, including meter reading, line and station inspection, on line and service trucks, and by station crews, surveyors, engineers, switchmen, and management.

Time and again the system had proved its value during emergencies and in the actual prevention of emergencies. It has also materially increased field operation efficiency through better coordination of work and the elimination of unnecessary driving time.

The company's first microwave system, called MW1 by its overseers, was installed between Roanoke, Charleston and Turner station in 1957. It was extended to Philip Sporn plant in 1959 and interconnected with the Ohio Power system. The second system, MW2, was installed in 1960 between Roanoke, Claytor, Glen Lyn, Bluefield, Switchback, and Clinch River. Later Smith Mountain and Leesville were added. Then in 1963 Beckley

and Kanawha River plant became a part of MW1. Two years later the third system, MW1A, was installed between Roanoke and Canton, O.

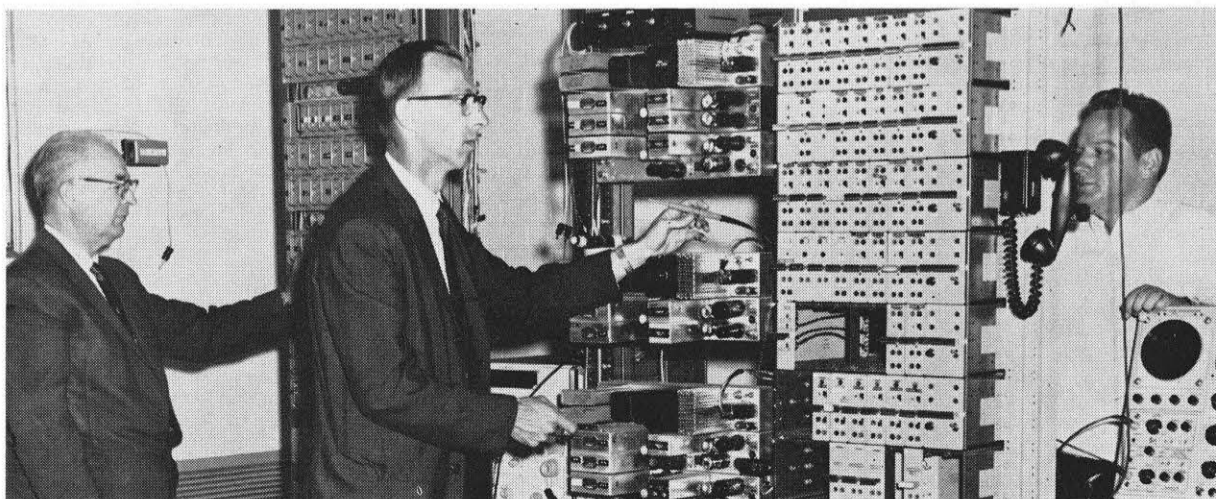
### No Party Line

This latter system is the first completely solid state system to be used by a utility. It is capable of high speed data transmission and has a capacity of 300 voice channels.

Added to these microwave systems in some areas of the company are lines leased from telephone companies.

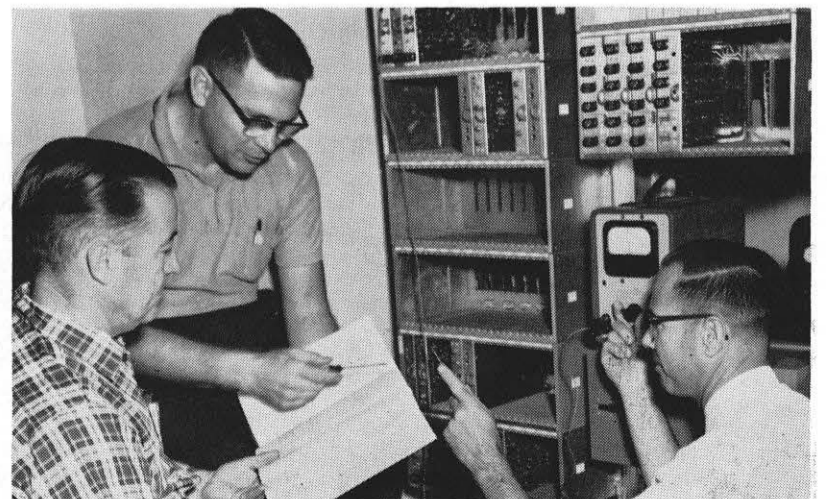
With a reliability of better than 99.9%, microwave provides communication for the following services: voice communications for system operation, voice for administrative use, telemetering, load/frequency control, supervisory control of hydro plants, remote control VHF radio stations, and data processing.

The part of the system effecting most employees is the admini-



Shown with these three system communications section employees is a small portion of the array of equipment in the Roanoke office building—equipment that is the heart of Appalachian's communications

system. This is tone equipment used for telemetering, load frequency control, and supervisory control. The men are G. M. Guill, A. C. Thornton Jr., and W. R. Franklin.



Using the Charleston office equipment for microwave are C. F. Casto, R. J. Pinnell, and J. A. Duffield of the system communications section.

# Climbing Class

A half-dozen power poles sprout from the ground, looking for all the world like a distribution engineer's bad dream. There are no transformers, no hardware, no conductor. Up and down the poles scamper nearly two dozen young men, equipped with proper climbing gear, while alongside stand Appalachian linemen, watching, correcting, praising.

All this is only a part of an experimental training program undertaken jointly by Appalachian and the Washington County Technical School in Abingdon, officially labeled a Lineman Helper Training School. Twenty-one boys between the ages of 18 and 24, from as far away as Tazewell county, Virginia, have enrolled in the seven-week course.

The curriculum, worked out by Appalachian and the school, includes in addition to the pole-climbing, basic mathematics, basic electricity, tools and equipment, safety, and driver improvement. Classes begin at 7:30 in the morning, go on to four in the afternoon, five days a week. It's a comprehensive and intensive program, designed to

fit the students for jobs with power companies or contractors.

C. E. Blevins, a permanent faculty member at the school, is one of the teachers. Helping out for this course are a number of Appalachian employees, including C. B. Yearout, system safety supervisor; J. B. Frier, Abingdon division personnel supervisor; T. J. Overbay, area serviceman; T. A. Kirby, system safety; W. E. Irving, system personnel, and C. F. Yoho, AEP. The Abingdon line crew of R. E. Crusenberry also takes part by demonstrating tools and equipment.

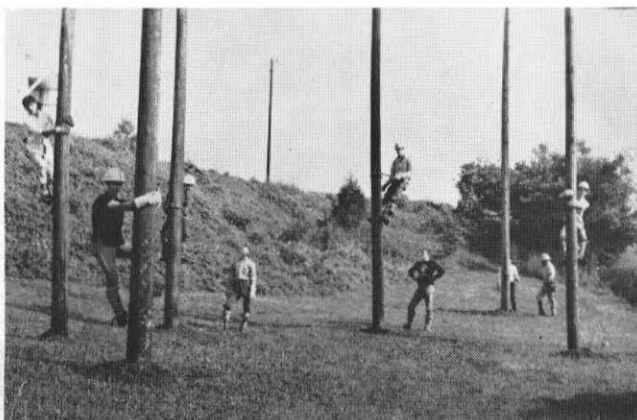
Also taking part are representatives of the Virginia State Police and the Virginia Department of Labor.

The idea for the training program came from W. L. Smythers, engineer in the Abingdon division. It follows repeated successful training programs developed by the school and industries in the area, including Appalachian. A number of night class programs were developed for Clinch River plant employees in technical subjects.

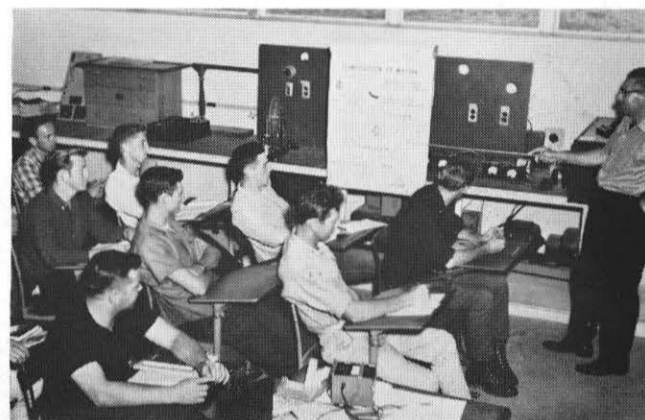
T. J. Overbay, Abingdon division area serviceman, watches and instructs a student climbing.



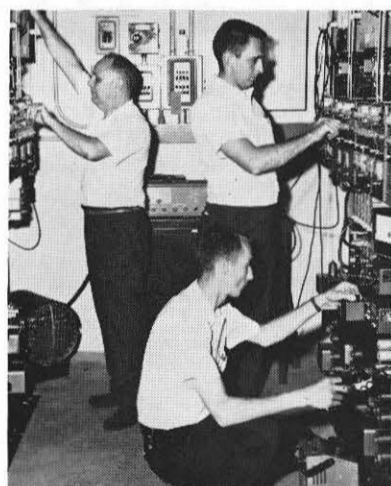
Linemen J. S. Orr and R. R. Gregory, wearing hard hats, demonstrate proper equipment use to students.



Class members practice pole climbing with all the necessary equipment in a special area near the school.



C. E. Blevins, permanent faculty member of the Technical School, holds a classroom lecture.



Working at the Dismal Peak microwave repeating station near Pearisburg are these three system communications employees, who are located in Bluefield. Standing are E. H. Graham and D. E. Douthat. Kneeling is J. B. Faulkner.

strative voice channel section with dial operation. It is now possible to dial extension phones in practically all of the offices and plants on the AEP System, including the New York office.

## Loading The Units

But perhaps the most complex communication on the microwave system is telemetering and load/frequency control. Briefly, the output of each major generator on our system is telemetered into a computer at Canton. The computer takes into account the efficiency of each generator, fuel cost, transmission load loss, interconnection with other power systems and system frequency. The computer controls impulses which are sent separately to control

the load in each generator for most efficient system operation.

Three hydros—Smith Mountain, Leesville, and Claytor—are now operated under supervisory control from Roanoke, thanks to microwave. In addition, Marmet and London hydros near Charleston are operated from Turner station. In its function, microwave provides the means to control and a number of continuous telemeters which indicate forebay, tailwater, generation, voltage and the like.

In data processing, IBM 1401 computers in Roanoke and Canton "talk" over the microwave system. For example, the Roanoke 1401 sends data for our customer billing to Canton at the rate of 15,000 accounts per minute. This data is received by the Canton 1401 and put on magnetic tape. Information on the tape is processed by the master computer, IBM 7074, put on magnetic tape, sent back to Roanoke, and put on tape at the rate of 3,600 accounts per minute. The bills are later printed at the rate of 120 every minute.

This same system is used for payroll and personnel data, inventory control, interconnection billing, engineering, construction scheduling and control, reports for management, and other uses.

A highly complex, complicated system performing many vital functions, microwave must operate every minute of every day. Its reliability depends to a large degree on how it is installed, how the system is engineered, and continuous precise adjustment, maintenance, and repair.

## The People

Charged with these responsibilities is the communications section of the system transmission and distribution department. This section is also responsible for the company's VHF radio network.

G. M. Guill in Roanoke is system communications supervisor, and working with him are a number of people in several areas of Appalachian. They include:

Roanoke—A. G. Thornton Jr., system senior communications engineer; E. E. Echols and S. E. Porter, system communications engineers; G. W. Chilman and W. R. Franklin, system communications engineers-B; and H. Linda Addison, engineering aide.

Bluefield—E. H. Graham, system communications engineer-supervisor; R. R. Hawkins, system communications engineer; and D. E. Douthat and J. B. Faulkner, engineering aides.

Charleston—C. F. Casto, system communications engineer-supervisor; J. A. Duffield and R. J. Pinnell, system communications engineers; and D. M. Dodson and C. E. Gray, engineering aides.

Huntington—R. M. Miller, system communications engineer; and D. E. Linkous, system communications engineer-B.

## And . . . The Future

What of the future? Much is on the drawing boards, quite a bit already under way.

For example, work is in progress extending the microwave system to the Huntington office, Ashland office of Kentucky Power, and Kentucky's Big Sandy plant. This work should be finished this fall.

During the next three years, an elaborate alarm system will be installed from most stations of 23,000 volts and above to four system operations centers at Huntington, Turner, Clinch River, and Roanoke. For maintenance and operation, these alarms will provide instant information pinpointing troubles. This will do away with the delay caused by the present need to check stations and equipment manually. Microwave will be the communication system.

The present IBM system will bow to IBM 360, which will include direct connections from 36 offices in Appalachian, Kingsport, and Kentucky to the master computer in Canton. The means of communication? Microwave.

The importance of communication in the company's future plans is obvious from the look engineers have taken of Appalachian in the year 2000. Then, the microwave system will be 20 times larger than it is today.



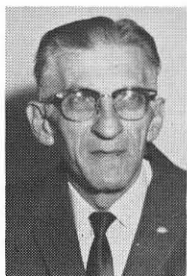
Adjustments and checking tests are made to a mobile radio unit in the trunk of a company car on the Roanoke office parking lot by E. E. Echols and G. W. Chilman.

## Service Anniversaries Noted

30  
Years



John C. Drain  
Glen Lyn



Eugene Comer  
Glen Lyn



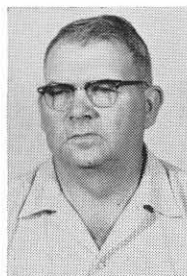
Lloyd B. Lee  
Bluefield



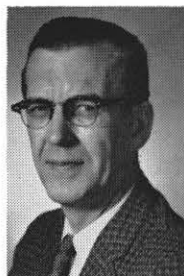
C. F. Mundy  
Bluefield



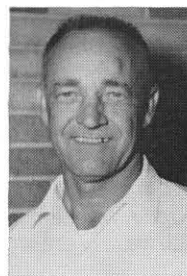
C. J. Brown Jr.  
Bluefield



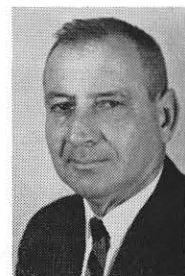
K. L. Williams  
Clinch River



Henry Skaggs  
Kanawha River



Denzil Allison  
Charleston



E. E. Landers  
Charleston



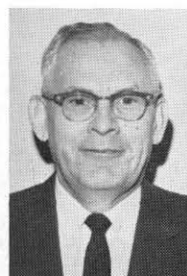
G. T. Turley  
Charleston



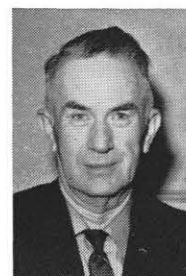
D. B. Cassell  
Abingdon



L. A. Sharpe  
Pulaski

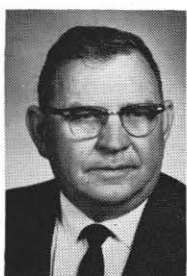


Harry F. Arnott  
Charleston



F. S. Larue  
Kingsport

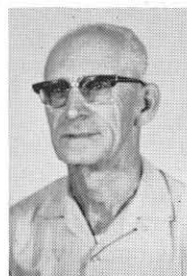
25  
Years



H. V. Mayo  
Huntington



W. I. Hartman  
Roanoke



S. E. Pierson  
Kingsport



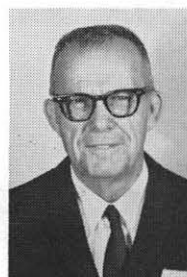
H. S. Meadows  
Bluefield



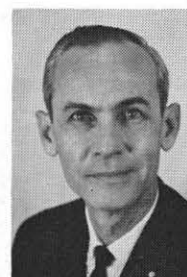
G. C. Roach  
Bluefield



M. G. Williams  
Cabin Creek



H. S. Mullins  
Cabin Creek



J. D. Walters  
Charleston



B. K. Ewen  
Hazard



C. F. Whatley Jr.  
System



W. A. Johnson  
Bluefield



J. W. Gilliam  
Kingsport



C. H. Murray  
Huntington



**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.



R. G. Thompson  
Ashland



A. R. Main  
System



W. L. Beeler  
Kingsport



James A. Massie  
Clinch River

20  
Years



Robert H. Price  
Charleston



### Appalachian Power Company

#### Abingdon Division

J. F. ELGIN from draftsman, senior to lead draftsman; J. D. NICKOLS from lineman C to lineman B; W. A. DENNY from lineman A to line inspector.

#### Bluefield Division

JAMES J. HARMON, JR., from senior station engineer to senior electrical engineer; WILLIAM C. DICKASON from janitor, division building service, to meter reader, division accounting; CLOVIS L. COLEMAN from meter reader, division accounting, to lineman helper, division transmission and distribution; CLANCY C. MULLINS from groundman to lineman C; HAROLD W. LANTER from meterman helper to station man helper A; MERVYN E. ANDERSON from lineman C to lineman B; CECIL J. KEEN from transmission clerk to transmission and distribution clerk, senior.

#### Clinch River Plant

CHARLES L. LOWE from instrument maintenance man B to instrument man A.

#### Charleston Division

THOMAS A. CRAFT from service representative to air conditioning engineer; DWIGHT A. WILLIAMS from auto repairman B, Beckley, to service representative, Charleston.

#### Huntington Division

C. E. BROWN from car washer to auto repairman helper; D. W. RITCHIE from lineman B to lineman A; LANDON STEPP from lineman helper to lineman C; R. M. BATES from transmission and distribution clerk, senior to engineering aide; OSCAR FOWLER, JR., from transmission and distribution clerk, senior, to engineering aide; C. H. McALLISTER from transmission and distribution clerk, senior, to engineering aide; R. D. PERSINGER from transmission and distribution clerk to transmission and distribution clerk, senior; W. T. LOCKE from stationman C to stationman B; GLEN ARROWOOD from meter serviceman C to lineman C.

#### Logan-Williamson Division

C. W. BROUGHTON from transmission and distribution clerk to transmission and distribution clerk, senior.

#### Lynchburg Division

MARGARET SCHLEY from clerk trainee to petty cash clerk; ANN GORDON from clerk trainee to cashier.

#### Philip Sporn Plant

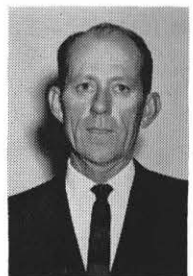
DENVER L. GIBBS from utility man B to utility man A; CHARRIS F. McDANIEL from utility man B to utility man A; RUSSELL L. WOOD from utility man B to utility man A; JACK L. PICKENS from auxiliary equipment operator to helper; JEAN F. COBB from utility operator to auxiliary equipment operator; JOHN H. MANLEY from utility man A to utility operator.

#### Roanoke Division

D. F. BRUMFIELD from station man C to station man B.

### Kingsport Power Company

HUBERT C. GREENE from groundman to transmission and distribution clerk.



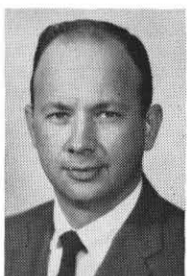
A. T. Hundley  
Roanoke



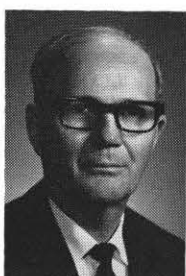
H. S. Mason  
Roanoke



Arnett Strong  
Hazard



J. R. Warden  
Abingdon



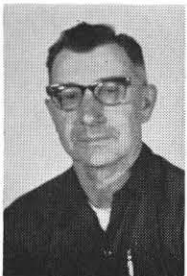
E. P. Hager  
Logan-Williamson



Lester Toler  
Logan-Williamson



F. G. Lloyd  
Roanoke



J. P. Smith  
Kingsport



Frank Cecil  
Pulaski



J. R. Paul  
Ashland

### Gillespie Elected To Civic Post

W. J. Gillespie, Jr., Bluefield division manager, has been elected president of the Bluefield Area Development Corporation, which in turn makes him an associate director of the Bluefield Chamber of Commerce.

Mr. Gillespie is past president of the Bluefield Chamber of Commerce, past president of the YMCA and a director of the Greater Bluefield United Fund, Salvation Army, and the Bluefield Automobile Club. He is a member of the Pocahontas Electrical and Mechanical Institute.



Mr. Gillespie



W. C. Boblett  
Lynchburg



W. B. Syck  
Pikeville



Elmer E. Hash  
Bluefield



Charles I. Taylor  
Bluefield

## Blue Ridge Testimony

(Continued from page 1)

addition to providing recreational facilities developed and operated at Appalachian's expense, he said the company also intended to acquire and turn over other recreation areas for operation by state and county agencies.

Appalachian's immediate plans call for—

- The construction of two public overlooks, one at the project's upper dam and one at the lower dam, including information building, picnic tables, fireplaces and sanitation facilities,
- The construction of four waterfront parks on the shores of the upper lake for day use, including picnic tables, fireplaces, shelters, and sanitation and parking facilities,
- Dedication to public use of 26 islands in the upper reservoir, and
- Making land available for construction by the states of Virginia and North Carolina of eight public boat launching ramp areas on the upper reservoir, with space for parking 100 cars with boat trailers at each site.

Appalachian's plan also contemplates the construction of a waterfront park by each of the three counties—Grayson, Ashe and Allegheny—bordering the upper lake. Regional in nature, these parks would cater primarily to water-oriented activities. Facilities might include boat launches, marinas, parking areas, picnic areas, overnight tent camping, and sanitation facilities. Appalachian would donate approximately 50 acres for each county park.

The plan also contemplates two state parks, one in Virginia and one in North Carolina, Mr. Miller said. In addition to picnicking, tent and trailer camping, cabins and sanitation facilities, the state parks might also include hiking, horseback riding, swimming, marinas, and boat docks. He added that the Virginia facility already was a part of that state's official outdoor recreation plan as approved by the General Assembly.

Miller pointed out that, except for the overlook area, no recreation facilities were planned for the lower reservoir due to relatively rapid and substantial variations in the water level resulting from the power operations.

### Flood Control

Blue Ridge is designed to with-

stand a flood two and a half times as great as the record flood of 1940.

This statement was a highlight of the testimony of Paul J. Johnson, superintendent of hydroelectric generation for Appalachian, who outlined the flood control provisions of the Blue Ridge proposal.

If a flood of equal violence to 1940's occurred today, Johnson explained, it would result in estimated damages, exclusive of agriculture damages, of \$2.4-million. Blue Ridge would reduce this loss by \$2,375,000, or 99 per cent, he stated. Flood control cost to Appalachian is a minimum of \$3-million, he added.

Johnson testified that the proposed Blue Ridge arrangement provides for the optimum installation of capacity at each of the two dam sites consistent with relative heads and physical conditions involved and with the need for flood control, water quality control and recreation.

He said that 160,000 acre feet had been dedicated to controlled flood storage, or 12.4 per cent of the total storage capacity, estimating that this would provide storage for a three-inch runoff from the drainage area above the upper dam. He also said that this area could be increased substantially by sufficient advance warning of flood conditions.

Mr. Johnson said that Appalachian would provide at its own expense controlled flood storage for a 140-mile stretch between the lower dam and the Bluestone Dam in West Virginia, an area now without such protection.

### Advantages of Hydro

Still another witness, Gregory S. Vassell, of the AEP Service Corporation in New York, described the role that Blue Ridge would play in the over-all future development plans for the seven-state American Electric Power System. He is associate chief system planning engineer for the AEP System, of which Appalachian is a major part.

He testified that the Blue Ridge Project represents "the technically most desirable and economically most attractive means for meeting the projected needs of Appalachian and the AEP System's customers for additional electric power."

He said that the AEP System was anticipating increased demand for electric power in jumps of 600,000 to 800,000 kilowatts per year until 1973, when a peak demand of 12.1-million kw was expected—about 5-million kw above the 1966 antic-

ipated peak. To meet a large part of this growth, Vassell said, the AEP System is now building or has authorized over 4.2-million kw of new generating capacity—all coal-based steam power.

Blue Ridge was needed by 1973, he said, to complete the system's needs for additional capacity. He explained that pumped storage capacity was of particular value in times of emergency because, by its nature, it could be started up and increased much faster than steam power.

Mr. Vassell said that Blue Ridge's construction timetable called for its operation slightly over six years from issuance of the FPC license.

Others who presented written testimony in Appalachian's case before the FPC were A. N. Vanderlip, hydraulic engineer for the American Electric Power Service Corporation, who described the project's design; Professor Arthur Casagrande of Harvard, who provided expert testimony on soil mechanics; and Dr. Charles E. Sears, director of the Seismological Observatory at Virginia Polytechnic Institute, Appalachian's geological consultant.

## Civitan Recognizes Dedicated Service

"In recognition of 25 years of active membership and service as a builder of good citizenship," Civitan International has awarded Joe E. Bedinger of Charleston a plaque.



Mr. Bedinger

its board.

He is also past international sergeant at arms and worked to help organize the "Big Buddy" group of Civitans to help combat juvenile delinquency.

## F. W. Isley Retires In Kingsport



Mr. Isley

Forrest W. Isley, Kingsport Power's supervisor of area development, retired July 1.

Mr. Isley joined the company's commercial department in February 1941, and was made power engineer soon after. In 1946 he was promoted to administrative assistant. He continued in that post until June 1956 when he was named to the position he held at retirement.

He has been active in Sullivan county government work, having served as magistrate for 12 years, and judge pro-tem from 1950. He was elected to the judgeship in 1956 and served until the following general election. Mr. Isley has also taken a major part in the Sullivan County Community Club, and in the work of local farm groups.

Mr. Isley is married and has two children. He lives in Blountville.

## Woman, Two Men Mark 35th Service Anniversaries

Three Appalachian veterans have marked their 35th anniversaries with the company. They come from the Abingdon, Charleston, and Lynchburg divisions.

### Shirley Miller



Miss Miller

Shirley R. Miller, utility clerk in the Marion office of the Abingdon division, joined the company in 1931.

She has worked as cashier, clerk, and local office supervisor, with her entire career in the accounting department.

She is a native of Smyth County, attends the Methodist Church, and is active in the Pilot Club.

### E. A. Murray Jr.

Charlestonian E. A. Murray Jr., now power sales engineer, joined Appalachian June 22, 1931. He began as a power salesman and has spent his entire career in commercial work.

He is a native of Clifton Forge, Va., and is an electrical engineering graduate of Carnegie Institute of Technology.

Mr. Murray is married and holds membership in the University Club, Army-Navy Club, Sigma Nu fraternity and the Exchange Club. He is a registered professional engineer.

### E. J. Rice

Edward J. Rice, heating and



Mr. Murray

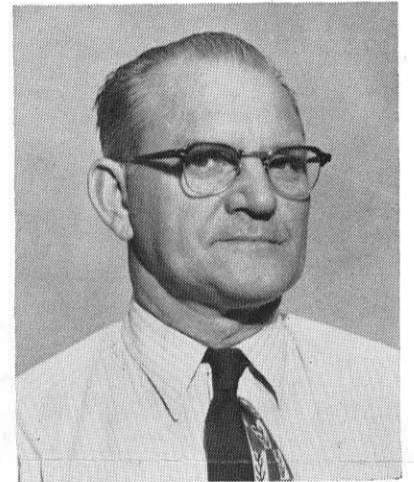
Mr. Rice

builder sales representative in Lynchburg, was employed June 8, 1931 as a clerk in the distribution department. He went to the right of way department in 1938 and to the commercial department in 1953. He moved to his present position in 1959.

He is a veteran of World War II, serving seven years in the National Guard and over four years in the Army as master sergeant. He spent a year in Europe.

He is a member of Lynchburg Post 16, American Legion, and the Izaak Walton League. He attends Chestnut Hill Baptist Church.

## R. O. Dennis Dies In Roanoke



Mr. Dennis

R. O. Dennis, head reproducing machine operator in the system office, died of a heart attack at his home June 25. He was 62.

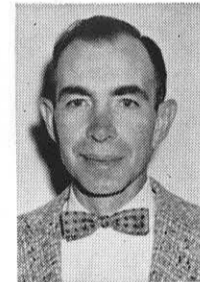
Mr. Dennis began his Appalachian career in Bluefield as a mechanic in the garage in September 1930. He transferred in 1945 to system transportation in Roanoke, and four years later, moved to the local accounting office. He worked in the office supply section until he was promoted to his present post in October 1964.

He is survived by his widow and four children, including Robert E. Dennis, line foreman in the Roanoke division.

Funeral services were held in Tabernacle Baptist Church in Salem.

## Lions Elect Roberts In Point Pleasant

George E. Roberts, utility clerk, in the Point Pleasant accounting office, has been elected president of the Point Pleasant Lions Club for the year beginning July 1, 1966.



Mr. Roberts

He has previously served the organization as secretary, treasurer, first, second and third vice-presidents, and as a member of the board of directors for many years.

He served during the year of 1965 in the State Lions organization as cabinet secretary and treasurer, District 290.

Mr. Roberts joined Appalachian Power April 26, 1939 as a meter reader in the Charleston office. He served in the Navy during World War II for a period of three years.

## Ashland's Traveling Taylors

Camping is not a recent interest of the Herman E. Taylors of Ashland. Over the years they have camped all over the country in tents, house trailers, and station wagons. What is new with them, however, is what they are camping in now. It is a Travelette, easily installed on top of their car, lightweight, and simple to set up.

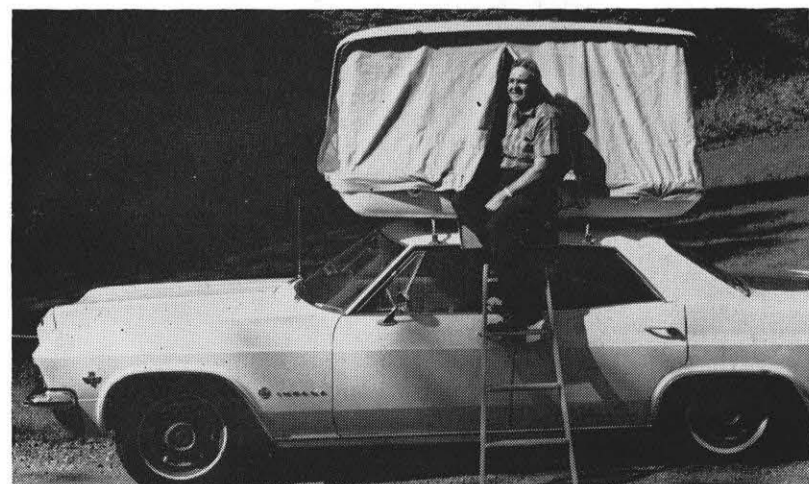
Mr. Taylor, lineman in the Ashland division, and his wife have traveled and camped in the northwestern, east central and southeastern states, as well as the Great Smokies, eastern and western provinces of Canada, and northeastern and northwest USA. This year they want to visit Mexico, and next year hope to travel to Alaska.

Talking about his Travelette,

Mr. Taylor points out that it folds into a compact unit and offers little wind resistance when the car is moving on the highway. Its best feature, he says, is that it's all electric, including an electric blanket for cold nights in campground areas. An emblem of Reddy Kilowatt graces the side of the Travelette.

Once—and he points this out to show how convenient the Travelette is—the Taylors arrived at a campground only to find it full. So they received permission to set up camp in the parking lot.

An expert photographer, Mr. Taylor records their trips on color slides, a practice that enables him to take the trips again, sitting in his chair at home.



Comfort, convenience and all electric living—that's the Travelette that the "Traveling Taylors" of Ashland use on their many camping trips.

## Young Colonel



Charles Yonts, a youngster with good safety ideas and the ability to put them in writing, has been made an honorary Kentucky Colonel. Charles is the son of Wesley Yonts, Hazard lineman, left, and is shown here receiving his certificate from Sergeant London T. Owen of the Kentucky State Police. The Colonelcy came for writing the best essay on highway safety, a statewide program sponsored by the State Police for Boy Scouts. Charles is a Webelo in Cub Pack 100 at Lothair.

# People, Places And Things

Two useful new implements have been added to the company's tool chest in Charleston. Shown in action at left is a new trencher, a device which can dig a three-inch wide trench as deep as three feet in quick time. It is easily portable on, or trailing behind, a service truck, reduces damage to established lawns, and because of its neat approach, reduces the amount of dirt dug out and replaced. H. R. Hill, meter serviceman, watches the trencher at work. At right is the snowmobile. While it was undergoing tests near Charleston, some spectators were put in mind of a space visitor. Officially known as snowmobile, it is equally at home in snow, water, and soft marshy land, flat or sloping. It has a top speed of 25 miles an hour, and is especially useful in sagging and stringing wire, spotting and setting poles, and moving men and materials to job sites in rough country.



A visitor from Ireland, Maura Fennelley, right, attending West Virginia University on a scholarship given by the West Virginia Homemakers Council, visits with two Appalachian home sales representatives in Charleston. Miss Fennelley, a home demonstration agent in County Cork, reports that home economics students in Ireland are required to study dairying, gardening, and poultry-raising in addition to the more conventional courses. With her are Marian Messerian and Carolyn Walker, describing features of a modern electric refrigerator.



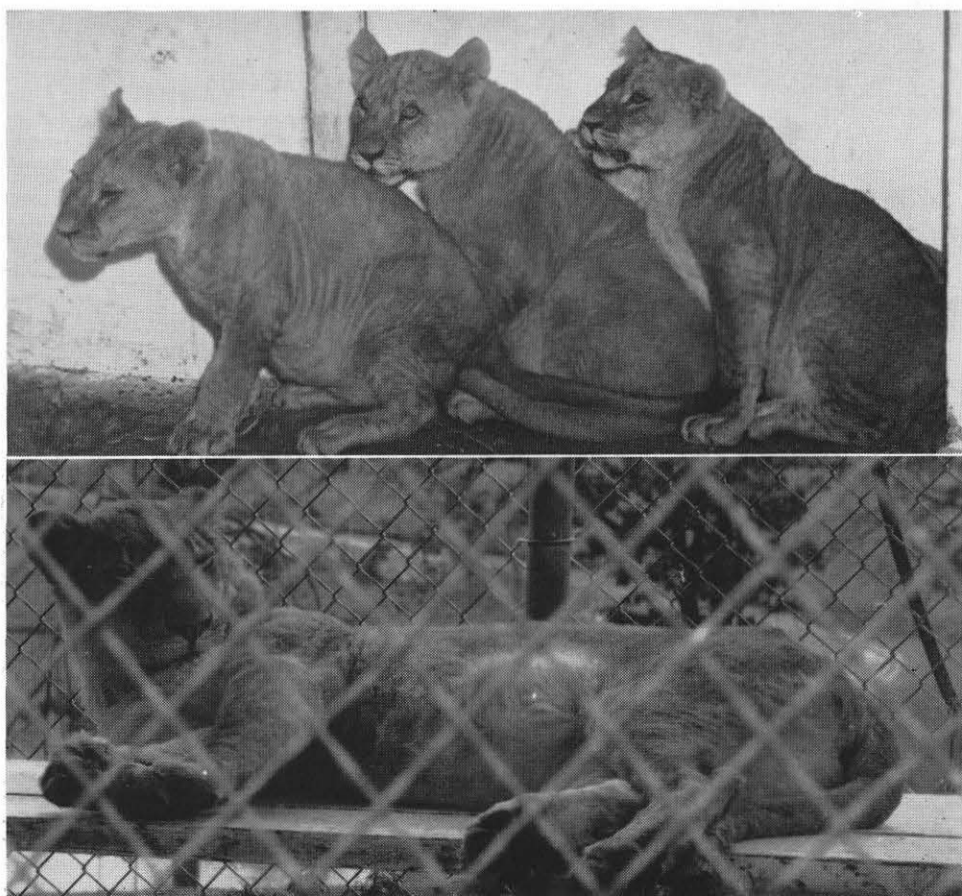
Meter readers all over the system are wearing new uniforms and a new look, demonstrated here by these Roanoke division men: D. R. Spicer, M. L. Waggoner, J. P. Morris, G. M. Gray, J. A. Wilmer, D. K. Kraft,

and B. T. Bryant. The trousers, emblems, name tags, and caps are royal blue; the shirts, short sleeves in summer, long in winter, are white. Blue jackets for winter complete the uniform.

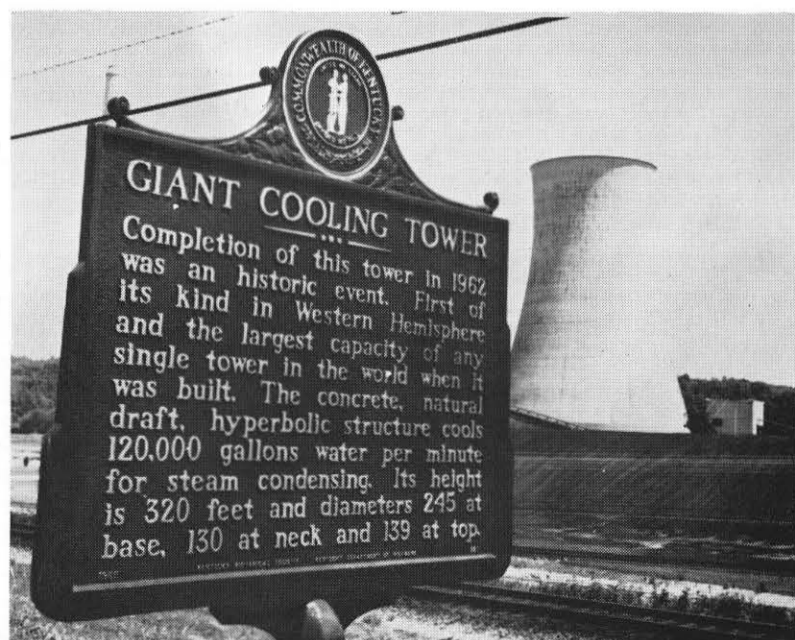


Retired employees in Bluefield met last month to organize the local Retirees' Association, to have lunch, and to visit with each other. Elected officers were

Jack E. Taylor, president; Francis Claytor, vice president; Fred Lineberry, secretary; and W. E. Brooks, treasurer.



Just lion around . . . Lions in the Blue Ridge Mountains? Yes, and warmed by electricity, too. The cubs and mother lion shown here spent the winter at Circle M Zoo near Meadows-of-Dan in total comfort, thanks to electric heat installations. Heat lamps focussed through holes in a metal ceiling kept the temperature comfortable all winter long, and the lions would often spend hours, like overgrown tabbies, basking in the warmth.



A newly-erected state highway marker at Kentucky Power's Big Sandy plant commemorates a modern construction wonder, the plant's cooling tower. Location of the marker is the result of the combined efforts of the Kentucky Historical Society and the Kentucky Department of Highways.

## Final Wrap-up

# Bowling Trophies Awarded For Team, Individual Skills

The final splinters from the bowling season have now been swept up with announcements of league and individual trophies. Here's a rundown:

Charleston's Kilowatt League gave Everett Sparr a trophy for 624 actual and 720 handicap series; Bob Selbe got one for 242 actual pin game and for 170 high average. Garland Loveday had 275 handicap game.

Pat Cummings collected everything in sight for the ladies: 147 high average, 201 high game, 551 high series. Her 247 game and 689 series were best in the handicap division.

The Live Wires won both halves with Bob Selbe, Jack Jarrett, Harvey Brown, Short Boggess, Dick Bradley, G. V. Loveday, and Leonard Bird. Runner-up was the Line-Tamers: Everett Sparr, Leland Price, Herb Hill, Steve Carpenter, Veda Waggoner, and M. D. Prowse.

Kentucky Power's League celebrated the end of the season with a picnic at Ashland's Armco Park. Bowlers from System, Ashland, and Big Sandy were on hand to collect team and individual awards from Ronald Marshall, manager of Big Sandy.

In Welch, the Appalachian team No. 1 won the league title by 21 pins. The team was made up of M. E. Anderson, A. G. Ferrell, Perry Hatmaker, D. E. Meadows, and J. B. Rhudy. Ferrell, with 167, and Hatmaker, with 163, led the team with high average.

Earl Bullard, instrumentman in Fieldale, was picked by bowlers in the 18-team Henry County Industrial Bowling League to receive the league's Sportsmanship Award. This trophy goes with others Earl collected by winning the Fieldale Appalachian Tournament in 1963-64, and the Henry County Classic the same year.

## Personals

(Continued from page 5)

## Pulaski

### Glen Lyn

New employees at Glen Lyn are Roy Pendleton, Jr., James Godfrey, Jr., Floyd Ferguson, and Fairley Long.

## Abingdon

### Clinch River

Graduating from Virginia Polytechnic Institute last month with a degree in science was Michael Bass, whose father, Norman Bass, is unit foreman. Michael, who plans to become a medical missionary, will work this summer with the Holston Methodist Conference.

Dana Buskirk has won the John Philip Sousa Award, annually given to the outstanding member of the Lebanon High School Band in leadership, ability, and progress as a musician. Her father is Eli Buskirk, shift operating engineer.

New plant employees are Ronald M. Osborne, Jevane G. Bowling, Charles Scales, Tom Brewer, Bobby Brown, Ronnie Brown, Harold Cook, Butch Hale, Jack Kiser, Billy Lawson, Larry Massie, John Singleton, and David Sutherland.

### Honor



W. E. "Red" Bivens, Logan-Williamson residential and rural sales supervisor, has been commissioned a Kentucky Colonel by Governor Edward Breathitt of Kentucky. The award was for his many hours with various civic organizations and for his conscientious work as a member of the Logan County Court, of which he is president.

## Kentucky

### Hazard

The division has two new employees: Katherine Dix, commercial, and Jerri Davidson, engineering.

### Ashland

Roger G. Thompson Jr., son of Kentucky Power's area development director, graduated from West Point last month, and was commissioned a second lieutenant in the artillery.

Susan Buskirk has joined the local accounting office; Raymond Ratliff, George Ison, and Larry Hern, the T&D department, and William Greer and Lucien Ross, commercial.

### Pikeville

Among the 1966 graduates in Eastern Kentucky State University this year were Patricia Carol Flynn, daughter of R. H. Flynn, accounting, and James Lykins, son of Edward Lykins, engineering.

Three girls, all named Linda, and all daughters of employees, won awards at graduation ceremonies at Pikeville High School. Linda Layne, daughter of Milford Layne, engineering, won the Home Economics Award; Linda Flanagan, daughter of H. R. Flanagan, accounting, won the commercial award, and Linda Cardinal, whose mother is Dorothy Cardinal, accounting, won the Pi Chapter of Beta Sigma Phi scholarship.

R. L. Huffman and Chandos Tackett won the second and seventh flights respectively in the Green Meadow Invitational Golf Tournament.

William R. Dibert and Don Williamson have resigned, and new employees are Edward R. Nairn, Billy Tibbs, and Tommy Woofert.

## Lynchburg

W. S. White Jr. and Lloyd Smith have been named respectively to the Four Way Test and Attendance Committees of the Lynchburg Rotary Club. Mr. White has also been elected to the board of directors of the Virginia State Chamber of Commerce, and named general chairman for the 1966 Lynchburg campaign for the United Negro College Fund.

New employees are Cheryl Branch and Dawn Stinett. . . Kitty Jessee has resigned.



Ted Carroll, right, collects his trophy for low net in the Roanoke division golf tournament from John Vaughan, marking the third time he has won the an-



nual event. In the picture at right are some of the winners of the Huntington division's event. It was won by Monte Huffman, seated, second from right.

## Champs Crowned In Four Golf Tournaments

Summer started with company golf tournaments in four locations last month.

In the Charleston division 53 persons turned out for the event, held this year in Point Pleasant. Paul Parsons, with 78, won low gross, two strokes ahead of Cecil Lovell. Ed Sheets won low net with 71, followed closely by B. C. Thomas with 72. Altogether, 19 others in the tournament won awards for skills ranging from longest putt (C. A. Perkins) to most lost balls (Jim Webb and J. F. Dooley, tie).

Monte Huffman, to the surprise of few, walked off with the Huntington division championship, played over two courses. Other winners were Paul Baker, second low gross; Ed Yeager, low net, and Butch Rhodes, second low net. As

in Charleston, prizes were given for other achievements. Twenty-four golfers took home awards of some description.

Thirty employees participated in the Logan-Williamson division event, played June 4 at Sprigg. Bruce Richmond had low gross, C. R. Wilson low net. Second low

net was shared by Gene King, R. C. Atkins, and Ralph Johnson.

Ted Carroll and Melvin Brown, who between them have won the Roanoke division tournament 11 times, shared the title again. Ted had low net of 69, and Melvin low gross of 75. Actually Ted also had low gross, but tournament rules prevent a player from winning both, so Melvin's score was good enough to win. Runner-up in low gross was Leroy Hall; and runner-up net was shared by Bruce Beam, Lewis Mills, Orville Napier, and Tommy Berkhead.

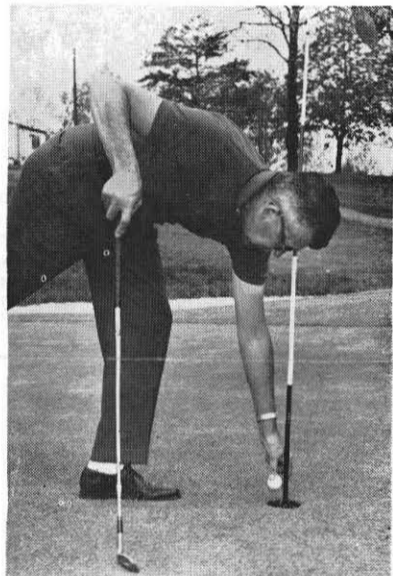
In this year's field of 97 golfers were seven retired employees. It was played at Roanoke's Ole Monterey course.

## Charleston Vets Given Recognition

Thirty-nine employees with service totaling 891 years were honored at a dinner in Charleston recently. All had received pins the first half of 1966.

Included in the guests were W. H. Turner, 28 years; J. S. Givens, 48 years, and C. A. Perkins, 40 years, all of whom retired recently.

## Ace



W. R. "Bill" Witzel, Huntington division personnel supervisor, scored a hole-in-one at the Spinz Valley Country Club May 7, bagging his ace on the 128-yard 14th hole. His nine-iron shot was witnessed by Ed Peel, Bob Langdon and John O'Sullivan.

## Prater To Attend Carson-Newman

Leon Prater, Abingdon's outstanding four-sport star, has accepted an athletic scholarship at the Carson-Newman College and intends to play both basketball and baseball in college.

Leon was first team All-District Six for two straight years in basketball, holds several track records in the district and has been all-district in baseball and second team all-district in football. He has been one of the top scorers in the district in basketball for the past two seasons at a forward position, never lost a game in two years as a baseball pitcher, and was on the catching end of several touchdown passes as a football end.

He is the son of Jim Prater, Abingdon heating and builder sales representative.

## Rick Butler Named Athlete Of Year

Richard (Rick) Butler was picked Athlete-of-the-Year at Enslow Junior High School in Huntington.

He is the son of Jack Butler, lineman.

Rick was co-captain of the football team which had a 4-3-1 season. He was captain of the basketball team and its leading scorer, in a 12-3 season, the best season in eight years.

Rick was also the second leading scorer on the track team for 1966. He ran the high and low hurdles and won ribbons in four different Junior High School meets.

Rick was one of only two boys in the school to earn a letter in all three sports—football, basketball and track.

## Nease Promoted At Sporn Plant

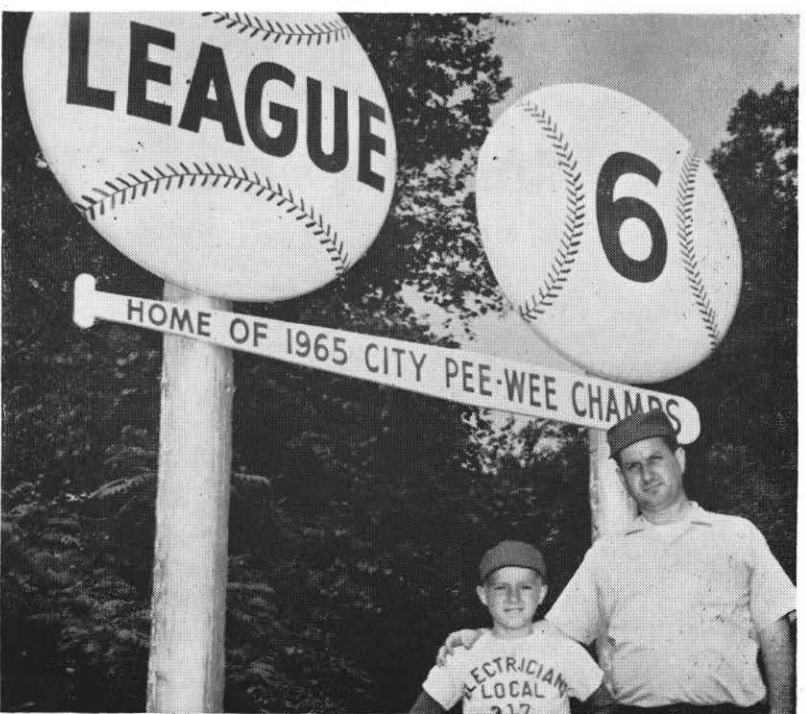
Paul D. Nease has been promoted to the post of unit foreman at Philip Sporn plant from that of equipment operator.

The 15-year veteran was employed May 30, 1951 as a coal handler. He later became a helper in the maintenance department. He went to operations as auxiliary equipment operator before becoming equipment operator in 1959.

He is a graduate of Wahama High School and served three years in the Army Air Corps as ground school instructor.

Mr. Nease is married, has a son, and lives near Pomeroy, O.

## A Little Ingenuity



It took a little ingenuity, a raid on a junk pile, some begging, some paint, and some work, but the result was worth all the trouble. The result is a handsome identifying sign for Huntington's Pee Wee League No. 6. John Bartholomew reported the need of the sign to his dad, J. B., who is general serviceman in Huntington. With some old soft drink signs and the paint, and an old power pole, father and son soon did the job, as seen above.

# System Building Hits Peak

With summer here—and good weather with it—the American Electric Power System may very well be in its building-est period ever.

At the moment, construction is under way on four major generating units in or near the Ohio Valley, totaling 2,645,000 kilowatts of capacity. It represents the lion's share of the AEP System's record construction budget for the year, now estimated at almost \$168 million.

In addition, other projects in Virginia and West Virginia totaling 2,620,000 kw have been announced.

A portion of the total expansion of 5,265,000 kw now under way or on the drawing boards is scheduled to be placed in commercial operation each year during the period 1966-1971. Their completion will raise the System's total power supply capability to 13.3-million

kw by the end of 1971, compared with its present capability of just over 8-million.

Here is a quick rundown on the status of the System's current and projected plant construction work.

**BIG SANDY UNIT 2**—Preliminary excavation work has begun for this 800,000-kw unit of Kentucky Power Company. While excavation for the plant proper has yet to begin, earth is being moved for the re-routing of ash-disposal lines and earth dikes are being erected around ash-deposit areas. A former ash-storage area is being drained of water and dried to provide space for coal storage for new unit.

The unit, which will cost approximately \$100-million, will feature a giant, hyperbolic-shaped cooling tower rising 320 feet and will provide 248,000 gallons of cooling water a minute. Big Sandy Unit 2 is scheduled for commercial operation in mid-1969 and will increase the plant's total capacity to 1,065,000 kw.

**MUSKINGUM RIVER PLANT UNIT 5**—Some 72,000 cubic yards of earth have been moved in the excavating and grading for this 615,000 kw, Ohio Power Company unit. Concrete work is going forward on the plant proper, with the pour complete in the boiler and heater bay areas and in the turbine-room sub-structures. The erection of steel is about to begin. More than 2,400 cubic yards of concrete have been poured for the foundation of the unit's 825 foot stack. The hyperbolic cooling

tower, which will provide the unit with some 220,000 gallons of water a minute is rising nearby. The tower's concrete foundation is complete and "pouring" is being done at about the 125-foot level.

All told, the unit's cost, including expansion of the nearby Muskingum mine, will be approximately \$108-million. It is scheduled for operation in mid-1968 and will raise the plant's total capacity to 1,495,000 kw.

**CARDINAL PLANT UNIT 1**—The first putting of steam through the 615,000 kw unit's steam generator is scheduled for August. The turbine-generator of this Ohio Power unit is expected to roll for the first time this month for its initial, non-operative tests and the final tying in of electrical equipment and controls is going forward. Concrete work on the unit is 95 percent complete. Some work remains to be done on coal-handling structures. Base coal for the unit's great coal pile has been laid. Commercial operation is scheduled for October.

**CARDINAL PLANT UNIT 2**—Construction of this twin of unit 1 is on schedule, with the boiler half erected. All concrete poured for the turbine foundation, and the turbine generator itself is expected to arrive this month. The unit's base coal is now being delivered by truck and rail deliveries will begin shortly. Barge facilities for coal delivery are expected to be completed by the year's end. Unit 2 will be owned by Buckeye Power, Inc., an association of 30 rural electric cooperatives in Ohio.

**WEST VIRGINIA UNITS**—Preliminary design work has been started on the first two 800,000-kw units to be built by Appalachian Power Company with operation scheduled by 1971. While sites for these units have not been finalized, basic drawings are being made to locate major pieces of the unit's equipment and to determine road and rail-siding requirements for construction.

**BLUE RIDGE PUMPED STORAGE DEVELOPMENT**—Hearings are scheduled for mid-September on Appalachian Power's application for a federal power commission license to build this 980,000 kw project. Engineering and geologic studies are being carried out at sites of the development's two dams on the New River in Grayson County, Virginia. As now planned, the upper dam will contain six pump turbines rated at 150,000-kw each and the lower dam will have two 40,000-kw turbines. The upper dam will be of rock fill construction and will be 267 feet high and 2,000 feet long. The lower dam would be a concrete-gravity type structure about 160 feet high and 1,190 feet long. Total cost of the project is approximately \$125.2-million.

## Retirement Ends 40-Year Career



Mr. Perkins

A career spanning 40 years ended June 30 for C. A. Perkins when he retired as Charleston division's superintendent of transmission and distribution.

He joined the old Montgomery Utilities February 1, 1926 as manager. Two years later he moved to Charleston as distribution engineer, and in 1962 went to the job he held at retirement.

He is a native of Louisiana and a graduate of the University of Southwestern Louisiana. He also did postgraduate work at Carnegie Tech.

He and his wife plan to travel some, although they will continue their residence in Charleston. He is a Mason and Shriner and a member of the Charleston Camera Club, Rose Society, and Calvary Baptist Church. He served as an alternate on the Kanawha Valley Industrial Emergency Planning Council.

As hobbies, he enjoys golf, fishing, and collecting stamps and coins.

## Mudgett Moves To Blue Ridge Job

Ralph D. Mudgett, Jr., has been named chief of civil construction for Appalachian's proposed Blue Ridge Development on New River in Grayson County, Va. He will assume his new duties immediately.

Mr. Mudgett is a graduate of Massachusetts Institute of Technology with a bachelor of science degree in civil engineering. A veteran of 13 years' service with Appalachian, he also worked on the construction of Ohio Valley Electric Corporation's Kyger Creek Plant in Cheshire, Ohio.

In 1965 he became chief of civil construction for Appalachian's Smith Mountain Project, recently completed on the Roanoke River. He and his wife lived in Altavista, Virginia, where he was a member of the Presbyterian Church. They are presently living in Wytheville.



Mr. Mudgett



Mr. Bailey

## Right-of-Way Vet Retires In Bluefield

Chalmers M. Bailey, an Appalachian employee for nearly 40 years, retired from the company June 1.

He joined the company in Bluefield in 1927, and since then has worked as draftsman, chief draftsman, assistant civil engineer, statistician, engineer, division right-of-way agent, and division right-of-way supervisor, the job he held at the time of his retirement.

A native of Bluefield, he studied civil engineering at Baltimore Polytechnic Institute. Before joining Appalachian he worked for Stone and Webster Construction Company and for the Portsmouth By-Products Coke Company.

He is a member and past president of the Lions Club, past president of the Salvation Army Advisory Board, and past master of the Mercer Masonic Lodge No. 60. Mr. Bailey lists hunting, fishing, and gardening as his hobbies. He and his wife live in Bluefield and are members of the Methodist Church.

In retirement Mr. Bailey plans to spend winters in the south and continue to live in Bluefield.

## Ward Is Elected New Haven Mayor

The new mayor of the Town of New Haven is Frank M. Ward, assistant shift operating engineer at Philip Sporn plant.



Mr. Ward

Mr. Ward was employed at the Hazard steam plant in 1939 as a maintenance man and later was boiler room man and boiler operator. He went to Sporn plant in 1949 as an auxiliary equipment operator. He was equipment operator and unit foreman before being promoted to his present post in 1954.

He and his wife have lived in New Haven since 1949. He has been a member of the Lions Club and Masonic Lodge, and this is his first venture into politics.

## Tug Valley Chamber Elects E. E. King

E. E. King, Williamson area manager of the Logan-Williamson division, has been elected president of the Tug Valley Chamber of Commerce for a one year term beginning June 1.

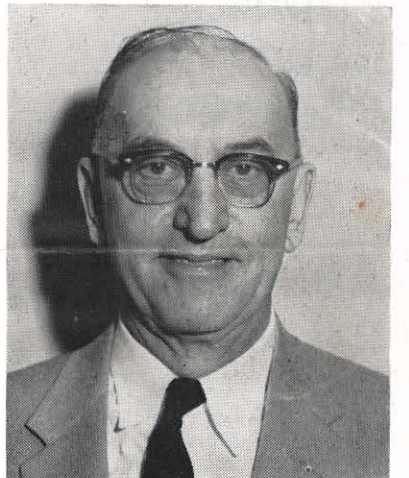


Mr. King

Mr. King is a graduate of the University of Kentucky, and joined Appalachian Power Company as a draftsman in September 1941. He has worked as a civil engineer, supervising engineer, and as district superintendent of the old Williamson district, prior to assuming the position he presently holds.

King is married and the father of four children. He is a member of the West Virginia Society of Professional Engineers and the Rotary Club. He is a Mason, an active member of the First Methodist Church of Williamson, and has long taken part in the work of the Tug Valley Chamber of Commerce.

## Reusens Operator Is Now Retired



Mr. Parks

Frank O. Parks, Reusens hydro operator in the Lynchburg division, retired June 1 after 33 years with the company.

He was employed September 4, 1933 in the operating room at Reusens. He became operator in 1937 and hydro operator in 1944.

He is a member of Lynchburg Lodge 321 BPO Elks, Scottish-Rite Bodies of Lynchburg, Kazim Temple of the Shrine, and is a master Mason.

His hobby is collecting and refinishing antiques. During retirement he plans "to do a lot of traveling, a lot of collecting and refinishing antiques, and a little resting."

## Mules, Men, and Mountains



Had some old-timers been with Oscar Kallmerten's Charleston crew recently, they'd have no doubt commented: "Why, that's the way we used to do it all the time." The crew was running a 7,200 volt rural extension near Mt. Carmel. The first thing they found out was that while company methods have changed considerably, West Virginia's mountains haven't. So there was nothing to do but go back in time, hitch up a couple of mules, and pull poles down the mountainside to their location. Eight poles were set on which to string 3,029 feet of line to the home, which

had sat atop the mountain for 43 years without power. Raymond Burdette, owner, had the right of way cleared, and he got in on the actual line building. At left, he holds the mules while Mr. Kallmerten shows him the plans calling for a 1,000-foot span from where they're standing across the ravine to the house, indicated by the arrow. At right, Mr. Burdette steadies the mules as Harvey Allison unhooks a pole. In the background, indicated by an arrow, is the take-off pole. Others in the picture are Mr. Kallmerten, Larry White, Charlie Connor and Larry Dent.

## Kentucky Power Lowers Rates For Third Consecutive Year

Kentucky Power Company customers will save over \$230,000 a year with the lower rates approved last month by the Kentucky Public Service Commission.

F. M. Baker, vice president and general manager of Kentucky Power, said the reduction in rates became effective with bills rendered on and after July 1. He added that this reduction marks the third consecutive year of a rate decrease.

"The new rates will benefit residential, commercial and industrial customers. This section provides further proof of our continuing determination to lower rates and is

the result of increased use of electricity along with improved techniques of generating and delivering electricity which make possible a further simplification of rate schedules," he said.

Of the \$230,000 yearly savings, residential customers will benefit by over \$48,000; commercial customers by over \$54,000; and industrial customers by over \$127,000.

This reduction, coupled with the \$217,000 annual reduction of January 1965 and the \$240,000 annual reduction of April 1964, brings total customer savings to over \$680,000 a year.