

It is easy to flatter; it is harder to praise.

Richter

The Illuminator

When all else is lost, the future remains.

Bovee

KENTUCKY POWER COMPANY

APPALACHIAN POWER COMPANY
OF THE AMERICAN ELECTRIC POWER SYSTEM

KINGSPORT POWER COMPANY

Vol. XV, No. 10

June, 1965

Appalachian To Build 500-kv Transmission Line

Appalachian Power Company has announced plans for a major 500,000-volt transmission line interconnection with Virginia Electric and Power Company, of Richmond.

The new line will span 84 miles between Roanoke and Waynesboro, Va., and ultimately will be an integral part of a giant extra-high-voltage electrical loop extending 563 miles and involving the power facilities of five utility companies in the states of Virginia, West Virginia, Ohio, Pennsylvania, and Maryland.

Joe P. Gills, vice-president and general manager of Appalachian, said that the new circuit would be

the highest-voltage line on the American Electric Power System, of which Appalachian is a part.

Appalachian's portion of the interconnecting line will be 37 miles long, extending northeastward from the Roanoke area to a point near Lexington, Va., where it will join a new 47-mile line of the same voltage to be built by VEPCO southwesterly from Waynesboro. Appalachian's share of the cost, including installation of necessary substation facilities, will be approximately \$4.4-million.

Construction will start immediately and completion of the line is scheduled for May 1966.

Mr. Gills, in his announcement, said that the new interconnection

will provide substantial benefits to both the companies and their customers.

Most Interconnected

"The American Electric Power System, with 44 major interconnections with 19 utility systems at the present time, is already the world's most interconnected system," Mr. Gills pointed out, "and this new line will further strengthen this network of mutual support and protection for both us and our neighboring utilities."

Benefits that will come from the interconnection, Mr. Gills explained, include improvement in the ability of the two companies to provide mutual aid in emergencies, as well as in their capability to exchange

power on an economical basis. It also will help keep the cost of electric power down by enabling both utilities to reduce the generating capacity they require for reserve purposes and to employ larger, and thus more efficient, generating units for power pooling purposes.

Allegheny

Mr. Gills pointed out that the VEPCO 500,000-volt system will also be interconnected with the 500,000-volt network of the Allegheny Power System serving parts of Maryland, Virginia, West Virginia, Pennsylvania, and Ohio. In turn, Allegheny will be interconnected with Ohio Power Company by a 500,000-volt line being con-

structed to join the latter company's 345,000-volt system at a point near Moundsville, W. Va., thus closing the giant five-state loop. Ohio Power and Appalachian, sister companies in the American Electric Power System have been interconnected in their own right for many years.

Mr. Gills added that, while Appalachian's new interconnection will be its first 500,000-volt line, the AEP system has been engaged since 1961 in studies of future transmission at levels up to 775,000 volts. These investigations are being carried out at an outdoor research laboratory at Apple Grove, W. Va.

Appalachian Officials Tell Commission Of Benefits To Follow Bluestone Installation

Appalachian officials listed for the West Virginia Public Service Commission last month some of the benefits that would follow upon installation of generating facilities in the U. S. government's Bluestone Dam.

Testifying at hearings on the company's application for a certificate of convenience and necessity for the installation were Joe P. Gills, vice president and general manager, Paul Johnson, superintendent of hydro generation and D. M. Miller, assistant to the general manager. The Commission, following the day-long hearings, said it would announce its decision on the application later. Electric co-operative interests in Virginia and North Carolina had expressed opposition to Appalachian's application.

Appalachian's witnesses told the Commission that the power gen-

erating facilities the company wanted to install would provide increased downstream flow during dry periods, create a desirable water recreation area, provide additional tax revenues, and would not diminish the total flood control available to downstream areas from Bluestone. The dam is located on the New River near Hinton, West Virginia.

Taxes

Mr. Gills said that the facilities would assist the company in meeting economically the ever-increasing loads and demands of its customers in West Virginia. The two 30,000-kw generating units would cost about \$6,475,000; construction could begin within three years after Federal authorization, and would take about 18 months to install. He said that under present tax procedures and assessments now in

effect in West Virginia, the Bluestone installation would produce about \$60,000 a year in tax revenue.

The Commission was told by Mr. Johnson that Appalachian's interest in hydro generation pre-dated Federal construction of the present dam. He said that as far back as 1911 Appalachian predecessor companies bought land rights above Hinton on New River for a series of dam and power stations, and that a hydro installation was planned and designed for the present Bluestone dam. Appalachian, Mr. Johnson said, actually owned the land now in the Bluestone project until it was acquired by the Federal government in condemnation proceedings in 1941.

Mr. Johnson testified that the development of additional flood control storage at Bluestone is a

(Continued on page 5.)



Mr. Jones

Mr. Davenport

Mr. Blackwell

Mr. Saul

Jones Named To New Post; Three Others Promoted

Promotions affecting four men in Roanoke were announced last month to be effective July 1.

James E. Jones, presently area development consultant for the Roanoke and Lynchburg divisions, will become an executive assistant to the vice president and general manager. He will be succeeded by J. R. Davenport, now administrative assistant to the vice president and general manager.

J. Emmett Blackwell will succeed Davenport as administrative assistant, and Charles R. Saul, who has been on the staff of the Roanoke division manager, will move to the area development department as administrative assistant.

In his new post Mr. Jones will be primarily concerned with the proposed Blue Ridge pumped storage and hydro electric development on New River and with the Smith Mountain project.

Started In 1941

Mr. Jones joined Appalachian in Roanoke in 1941 as clerk-stenographer. Following military service during the Second World War, he returned to work as engineer in 1946, and worked later as electrical engineer. He became area development consultant in 1956. A member of Roanoke City Council, he is also a member of the Roanoke and Virginia State Chambers of Commerce, a director of the Williamson Road Lifesaving Crew and the March of Dimes, and serves on the advisory committee of the Roanoke Youth Commission. He attends South Roanoke Methodist Church with his wife and two children.

Mr. Davenport holds degrees from Roanoke College and the University of North Carolina, and joined Appalachian in 1955 in a training program. He transferred to the American Electric Power Service Corporation in New York for a year, returning to Roanoke in 1958 as administrative assistant. He is a district chairman for the Boy Scouts of America, and vice president of the Cosmopolitan Club. Married, he is the father of two

children, and attends Second Presbyterian Church.

New Jaycee President

Mr. Blackwell, who was recently elected president of the Roanoke Junior Chamber of Commerce, joined the company in July 1958 as a business trainee in Roanoke. He held assignments in the accounting, personnel, and commercial departments before his promotion to market analyst in 1961. He holds degrees from Roanoke College and VPI. He is married, has two sons, and attends Our Lady of Nazareth Catholic Church.

Mr. Saul, a graduate of VPI, began work for Appalachian in April 1963 as business trainee, and worked in the accounting department before moving to the division staff. He is a member of Roanoke Junior Chamber of Commerce, is married, and is a member of Grandin Court Baptist Church.

Roanoke Sets Record Usage

Roanoke division is the first in Appalachian to exceed 6,000-kwh in average annual residential usage.

The figures cover the 12-month period ending April 30, and show an average consumption of 6,016-kwh.



Forming Lake

The true scope of Smith Mountain Dam and what it has done for the face of the land comes into focus with this photograph. The dam, structurally completed, looks minute compared to size of the lake spreading

out behind it and filling in fingers and inlets of land. At the end of the month, there was less than eight feet of water needed to bring the water up to the operating levels.

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.

editorial staff

WILLIAM A. McCLUNG
Public Relations Director

DONLAN PIEDMONT
Editor

associate editors

PAUL DUNN.....Abingdon
I. W. HENDERSON.....Bluefield

J. E. HAMMER.....Charleston
W. R. WITZEL.....Huntington
H. J. COLLINS.....Logan-Williamson
LOYD T. SMITH.....Lynchburg
O'NEAL AMOS.....Pulaski
J. G. HARVEY.....Roanoke
J. A. MUNDY.....System
R. F. MILLIKAN.....Kentucky Power Company
WILSON TRUMBO.....Kingsport Power Company
CARL BURNER.....Big Sandy
MARVIN MORRISON.....Cabin Creek
LUTHER HOUGHINS.....Clinch River
C. E. JONES.....Glen Lyn
TOM WHITED.....Kanawha River
R. J. WILLIAMSON.....Philip Sporn

Can We Wave The Flag Too Much?

Is it possible to wave the flag too much? Provided, of course, that you wave it with integrity? Is it possible to study Lincoln or Shakespeare too much? Is it possible to read the Bible too much? The great, the good, the true, are inexhaustible for inspiration, example and strength. I believe that we are not waving our flag enough, not nearly enough. It seems to me that we are developing a tendency to be timid or even apologetic about waving the stars and stripes.

Walk up and down the streets on July 4th and count the flags. It is our nation's birthday, a sacred day in world history, the most important day of America. Why isn't the flag flying on every rooftop and from every home and building? This complacent attitude is strong evidence of cancerous patriotic decay. The flag is a symbol of our national unity. It is the spirit of our undying devotion to our country. It stands for the best that is in us . . . for loyalty, character, and faith in democracy.

Isn't our flag a synonym of the United States of America? Does it not represent man's greatest, noblest, most sublime dream? Is it not the zenith of achievement, the goal to which generations have aspired? Ladies and gentlemen, I believe it is time for us . . . for the mad, rushing Twentieth Century American . . . to stop for a moment and think. Let us arrest our near reverential admiration of material success and return to the spiritual and ethical values. Let us imbue and rekindle in ourselves and our children the so-called old-fashioned way of patriotism, a burning devotion to the principles and ideals upon which our country was founded.

Should not every home own and proudly display the colors on holidays and other such occasions? Isn't the flag Patrick Henry, Jefferson, Franklin, Washington, Nathan Hale, Gettysburg and Valley Forge, Paul Revere, Jackson and other great men and women who have given us our heritage? When you look at the flag can't you see the Alamo, Corrigedor, Pearl Harbor, The Monitor, The Merrimac, Wake Island, and Korea? Lest we forget, isn't the flag Flanders Field, Bataan, Iwo Jima, Normandy, Babe Ruth and Davy Crockett?

The great events of our past and present are wrapped up in our flag. It is a symbol of this blessed nation, a giant in industry, education and commerce. Millions of fertile square miles, wheatlands, coal mines, steel plants. Our great republic, the chosen infant destined to be man's last and remaining hope for suffering humanity, a shining beacon of light, noble and glorious, the haven for the oppressed and persecuted and truly God's gift to mankind.

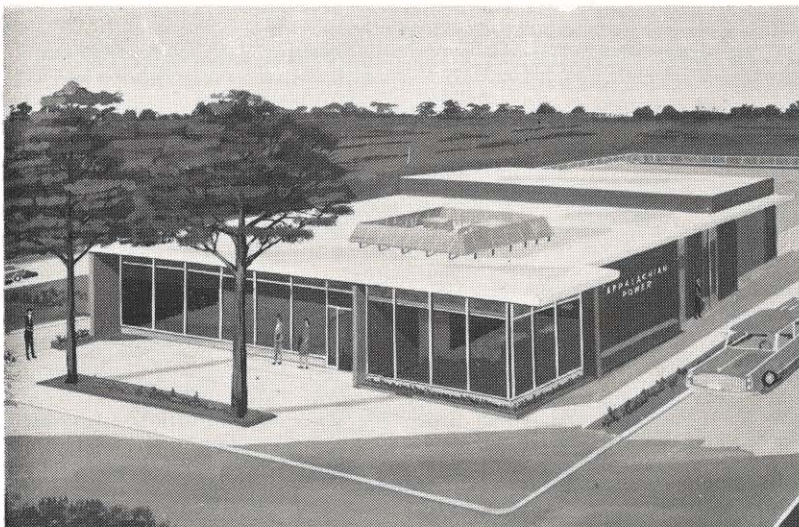
That is what the flag means to me. Can we wave it too much? I don't think so.

EDITOR'S NOTE: The paragraphs above, so appropriate for Flag Day, were the reply of S. L. DeLove on a radio program to a listener who said that he "waved the flag too much." Dr. DeLove's reply is something of a classic.)

Churchill on Socialism

Sir Winston Churchill, who had trenchant things to say about the world around us, once remarked about socialism: "Socialism is the philosophy of failure, the creed of ignorance and the gospel of envy . . . Socialism will work in only two places—in Heaven, where it's not needed; and in Hell, where they already have it."

New Office Planned For Christiansburg



This is an architect's rendering of Appalachian's new office in Christiansburg. Construction will begin soon on the one-story, 5,328-square-foot building. Cost will be \$200,000.

Appalachian has announced plans for a new office and service building to be built in Christiansburg.

A contract for construction of the \$200,000 building has been let to Gallimore & Lively, Inc. of Pulaski, and work will begin shortly.

The one-story building, containing 5,328 square feet, will be located on the corner of Roanoke and Hagan streets in Christiansburg, and will replace the present facilities on East Main Street.

It will house offices for the accounting and commercial departments and the line crews, and will include truck and materials storage areas. Inside will be a demonstration kitchen and a meeting room designed for both company and public use. Other features for the convenience of customers include a covered drive-up window, a night depository in the vestibule, and snow-melting electric cable in the pavement leading to the building. It will be electrically heated and cooled.

Cook Offers Challenge To Pikeville Graduates

"Appalachia is a promise of haven for a world being scarred by what is called progress, by something that tears forward like a giant harrow, but a harrow behind which there follows no seeder to regrow the fresh harvest."

Donald C. Cook, president of American Electric Power Company and of our companies, held out this hope for the Appalachian region when he delivered the commencement address at Pikeville College, Pikeville, Ky., on May 30.

Declaring that Appalachian was much more than "a level in a comparative graph of economic indices," he saw it as the name of a new economic and social urbanized area. "Because, to say it in short, the makings are here, the time is ripe, and the vitalizing current that will fuse these elements into fruitful and self-sustaining growth is already on its way."

In this development "Pikeville's role is cut out for it," Mr. Cook said. "Pikeville is, in a sense, the homestead from which generations of sons and daughters have gone out to seek—and make—their fortunes. They took with them something which could be carried in neither purse nor pack. To the extent they keep that something, they keep America on the path that can truly be called American. To the extent they lose or dilute it, they share the blame for allowing America to slip into the backwaters—or worse."

"It was not mere sentimentality which led me to think, as I came over the hills to Pikeville, 'America

must come back here again, touch this soil, reroot itself in its old strength, re-establish the character and the virtues which make it America—and not just another place'."

Mr. Cook said that, because the Pikeville area had lived on its resources and kept close to its traditions, it had achieved values that grow rather than diminish with time. "I think of Pikeville as both the base and capital of the American monument," he declared. "From the virtues inherent in this place it began to rise—and to the perfection of those virtues it must seek always to rise further."

The AEP president suggested that, as in the prudent management of a business, "the greatest and finest growth can be had from plowback." He challenged the graduates to "stay close to this land and to its people" so as to enrich both themselves and the area in a curve of compound growth. "If you disperse the harvest, if you leave this land for the old cities, you will more than likely be subject to the wisdom embodied in the laws of thermodynamics: a flame applied

to fuel can produce a big fire, but dipped into the ocean will lose more fire than the ocean will gain heat."

He concluded, "You are the future of this land. You will find, as you go through the years, that what you are doing is a constant miracle of transformation. You will be transforming the richness of this area and its people into spiritual and material coin of all kinds and denominations—to spend, to plow back, and even to spill over. It will not seem miraculous as you are doing it; it will seem like more and ever more hard work. But one of the gifts you inherit from this land and your ancestors is the capacity for hard work."

Lehman Medal Goes To Cook

Donald C. Cook, president of American Electric Power Company and of our companies has been awarded The Herbert H. Lehman Medal by The Jewish Theological Seminary of America.

The award is made annually in memory of the late U. S. senator and New York governor and presented to distinguished Americans who best exemplify "the quest for ethical and moral truth" as espoused by Mr. Lehman.

A second recipient was the Hon. Thurgood Marshall, judge of the U. S. Circuit Court.

Presentation of the medal to President Cook was made by Brig. Gen. David Sarnoff, chairman, Radio Corporation of America, and Rabbi Louis Finkelstein, chancellor of the Seminary, at a dinner in New York City May 16. Guest speaker for the occasion was the Hon. Arthur J. Goldberg, associate justice of the U. S. Supreme Court.

Carl Westman Dies; Was AEP Retiree

Word has been received of the recent death of Carl Westman, who retired in 1957 as assistant head of the Service Corporation's Engineering design division. He died April 21 in Venice, Florida.

Westman had joined the Scranton (Pa.) Electric Company in 1923, at that time part of the AEP System. He was transferred to the Service Corporation in 1933, was promoted to engineer in 1945, to section head in 1951, and to assistant head of the division in 1955.

Forni Appointed To New Position

Fred L. Forni, a former member of the AEP Service Corporation's legal department, has been appointed administrative assistant to the president.



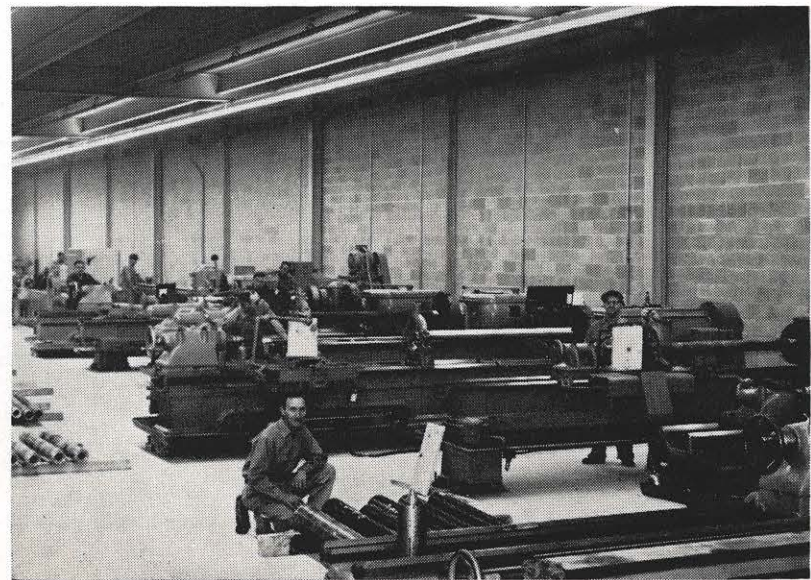
Mr. Forni

He succeeds G. P. Maloney, who will now devote full time to his duties as controller of the Service Corporation, the position he assumed on January 1.

Forni joined the Service Corporation in October 1960 as an attorney. He received a bachelor of arts degree from Dartmouth College in 1953 and a bachelor of laws degree from Harvard University in 1955.

He served in the U. S. Army from 1955 to 1957, and from 1957 to 1960 was a lawyer with the firm of White & Case, New York City.

He and his wife, Louise, and their daughters Nancy, 6 and Barbara, 5, and their infant son, Frederick Peter, 3½ weeks, live in Ossining, New York.



Project Decision Progress

Project Decision in Pulaski has passed from the project stage to fact. Production work by the building's tenant, Industrial Research Laboratories, has already started, and 45 employees are working two shifts. By the end of the year employment will reach 100. The company's principal product is bi-metallic cylinders.



H. D. Stillman, Huntington division manager, hands a heap of Electrobucks to T. R. Templeton, garage foreman. Mr. Templeton's idea about fixing dusk-to-dawn lights on building corners was one of the quarterly winners in the Work Simplification program.

Eight Proposals Picked For Quarterly Awards

Eight work simplification proposals, selected as the best of the first quarter, earned 401 Electrobucks for their authors. Four of the eight came from plants, and Cabin Creek employees were responsible for two.

K. L. Williams, Cabin Creek, devised a rescheduling of firing operations for the gas torches on the 1,500-pound boilers. As a result 50,000-kw of generating capacity is made available 30 minutes quicker than under the old schedule.

R. H. Williams, F. E. Hemmings, and A. R. Lively, Cabin Creek, jointly authored a proposal that eliminated the use of a given size of boiler feedwater bypass valves.

B. M. Brown, Glen Lyn, won Electrobucks for his idea on the use of material handling devices for certain unit maintenance work, and a suggestion concerning replacement of pump shaft packing seals to show annual savings of \$4,500 came from W. R. Hayes, Sporn plant.

Quarterly winners from divisions included T. R. Templeton, Huntington, who reported a new way to mount dusk-to-dawn lights on the corner of a building; D. R. Huffman,

Charleston, for a new way to provide on-the-job switching instructions for residential underground systems; S. D. Austin, Roanoke, for a new procedure involving dusk-to-dawn reconnects that saves unnecessary trips to the site by servicemen, and Estil Crabtree, Bluefield, for his idea to use light-weight wire rope for pulling in the winch cable normally used in line work.

During the month of April, 41 work simplification proposals were processed and awarded a total of 618 Electrobucks. Authors of the April crop of ideas are listed below:

Cabin Creek Plant: P. S. Rose, W. N. Moss, E. H. Hall, Ken Williams, R. E. Snodgrass, Morris Marshall, F. E. Hemmings.

Kanawha River Plant: P. E. Evans.

Glen Lyn Plant: P. H. Mann, H. H. Read, W. C. Smith, J. A. Johnston, J. H. Witt, Patricia N. Dunn.

Clinch River Plant: Ruth Jones, Wilmer Grubb, B. D. Myers, E. D. Buskirk (2), Lloyd McFarland, T. E. Peay (2), Carson Rasnake.

Charleston Division: P. W. Hatcher, Wesley Walker.

Lynchburg Division: Jane W. Plunkett.

Roanoke Division: John W. Faucette, R. L. Spencer, B. C. Harlowe, Gerald F. Sanders.

Logan/Williamson Division: Eleanor W. Cunningham.

Pulaski Division: D. R. Whitaker, A. F. Horne, C. R. Holdren, O. B. Kidd, E. B. Suthers.

Huntington Division: Louise Brown, W. R. Wagner, G. N. Doggett, L. J. Hedrick.

Bluefield Division: J. T. Claytor (2), R. R. Jones.

System Accounting Dept.: Charles Lester.

Vassar Picked To Head Lions

Basil M. Vassar, agricultural sales engineer, has been elected president of the North Tazewell Lions Club, after serving as District Cabinet Secretary, Treasurer, Director and vice president.

He graduated from Virginia Tech in 1948 with a degree in agricultural engineering. That same year he took his first full-time job with Appalachian as agricultural sales engineer.

Mr. Vassar teaches Sunday School in the Tazewell Baptist Church, is director of the Tazewell Recreation Center and a member of the American Society of Agricultural Engineers.



Mr. Vassar



Mr. French

Retirement Ends J. E. French Career

James E. (Edd) French, after 43 years of service, has retired.

He came to work for Appalachian in 1922 as a rodman and progressed up to survey party chief. When he first came with the company he worked in the construction department and later in the system civil engineering department.

In 1964 he was transferred to the system station department as station engineer.

Always an avid deer hunter, his retirement plans include more time for this sport. In the past he has taken several trophies both with the rifle and with bow and arrow.

Mr. French lives on Wilson Avenue, Pulaski, with his wife, and is a member of the First Baptist Church. They are the parents of two sons.

Scholarships, Prizes

School Year Close Brings Honors To Graduates

Honors both social and academic were heaped on sons and daughters of the employees of our three companies as the school year came to a close.

Mary Claire Rankin, daughter of Mr. and Mrs. Emmett C. Rankin, was the top graduate of Madison College, and addressed the student body at the annual Honors Assembly. Miss Rankin, who won an American Electric Power Education Award in 1961, received a Certificate of Merit for seven successive semesters on the Dean's List, and ended her college career with a 3.82 average out of 4.0. At Madison, Miss Rankin was active in student social and academic clubs, majored in French, and won the Duke Memorial Scholarship in her junior year for the highest scholastic average. She is engaged to William Walter Suggs, the wedding to take place June 12. Her father is assistant T&D manager of Appalachian.

In Kentucky, Jane Craig Fields, daughter of Craig Fields, Pikeville



Miss Rankin



Jane Fields



Peggy Groseclose



Scotty Robinson



Diana Love



Bonnie Hervey



Bill Harris

division residential sales advisor, was valedictorian of Pikeville High's Class of 1965. Active in all aspects of school, Jane will enter Transylvania College this fall. Among other things she was a member of the school chorus all through her career.

Scotty Robinson and Peggy Groseclose graduated with highest honors in Welch High School. Peggy is a member of the National Honor Society, a member of the Keyette Club, and a member of the choir of First Presbyterian Church. Her father is W. C. Groseclose, administrative assistant in Welch. Scotty, also a member of the National Honor Society, recently received the DAR Citizenship Award, has been treasurer in the West Virginia district of Key Clubs International, is a member of the Pen and Scroll Club, and has on occasion filled in for the pastor of the First Baptist Church. He is the son of O. L. Robinson, division accounting manager. Both Peggy and Scotty plan to enroll in Bluefield College in the fall.

Scholarships were won last month by Mary Lumbard of Ashland and Randy Bias of Point Pleasant, both high school graduates this year.

Mary will apply her scholarship to her career at Morehead College, beginning this year. It was a pre-honor scholarship which she won in a mathematics examination, com-

peting against nearly 400 participants. Her father is Paul Lumbard, system meter engineer in Ashland.

Randy, whose father is L. C. Bias, customer accounts supervisor in Point Pleasant, won a \$300 freshman honor scholarship at West Virginia Wesleyan College for excellent academic achievement in high school.

In the world of science, two youngsters won top honors in county science fairs. In Pulaski the winner was Diana Love, whose father is Robert Love. Her project was to determine if effective enameling, one of the oldest of the arts, could be accomplished by using native Pulaski county materials. It could, and Diana, a 9th grade student, won her prize.

Bill Harris, Jr., in Pikeville conducted an experiment in hypothermia in a white mouse. This involves putting the mouse into a deep sleep while body processes continue at a slower pace and body temperatures are lowered. The subject is later brought out of the sleep, and Bill's mouse is still alive. This project won first prize in the Pike County Science Fair. Bill is the son of Bill Harris, meter clerk in Pikeville.

Bonnie Hervey, a junior at Logan High School, is one of three county students selected to spend "A Week in Washington" to work in the office of Congressman Ken Hechler. She is the daughter of G. E. Hervey.

Heat Pump, Salvage Listed In "AEP Ideas"



Mr. Hudnall



Mr. Carnifax

How to enjoy comfort conditioning by converting an existing heating system to a heat pump was the subject of an article in the May issue of AEP Operating Ideas.



Mr. Caldwell

The author is O. C. Caldwell, system accounting. He describes the advantages of year-round heating and cooling he and his wife discovered after the conversion. He also lists a table of energy costs before and after the installation of the heat pump. For two years immediately prior to conversion, the Caldwell total energy cost, including electric service bills and heating fuel, averaged slightly more than \$290 a year. For the three years after the conversion, the average cost was \$271, and this included cooling not previously available.

Two Cabin Creek men authored an article describing a reclamation procedure by which operating nuts could be saved after damage and reused. The method involves machining a groove, clamping a steel ring in the groove, and machining and beveling the split halves of the nut. The authors are J. S. Hudnall and L. H. Carnifax.

Mr. Grimm

Move To Carolina In Retirement Plan

Henry J. Grimm, division T&D clerk in Charleston, retired June 1, after more than 41 years service.

Mr. Grimm began his employment in November, 1923. All of his years of service has been in the T&D Department, where he has served in various capacities.

Mr. Grimm is a native of Tamaqua, Pennsylvania, and has a B.S. degree in business administration from Gettysburg College.

Mr. and Mrs. Grimm will move to the vicinity of Wilmington, North Carolina, or somewhere near salt water.



Climate For Learning

West Virginia educators at an annual meeting saw how electric heat has created a new climate for learning in Logan County. One of the features of the meeting of the West Virginia School Executives Association and the West Virginia School Board Association was this automatic sound film exhibit dealing with the Logan schools which have installed heat pumps. The exhibit was devised by Thomas B. Orr, superintendent of Logan County Schools; E. P. Hager, commercial sales engineer, Logan-Williamson, and Robert Webster, system commercial department.

Happenings

Around the Circuit

... Among Employees and Their Families

LOGAN-WILLIAMSON

Three employees won responsible posts last month: E. E. King was re-elected vice president of the Tug Valley Chamber of Commerce; Carey Keener was elected senior vice president of the Ninth district, state department of Veterans of Foreign Wars, and Ira Conn was appointed senior deacon in the Kermit Masonic Lodge.

Doug Blevins, son of R. D. Blevins, was chosen as one of the two outstanding students at Logan Central Junior High School.

BLUEFIELD

Karl Mann received the Presidential Award at the Princeton Junior Chamber of Commerce's Annual Distinguished Service Award Banquet.

Mrs. Lois K. Rounion, Mrs. Mildred G. Bishop, and Misses Eulalia Footo, Carol Crawford, Bonita Pruett and Lina P. Light attended the Secretarial Seminar sponsored by the Bluefield Chapter, N.S.A. in Bluefield, West Virginia.

Mark E. Rich was elected to the Camp Committee of the Salvation Army and appeared before the Women's Auxiliary of the Army to discuss needs for Camp Joy, its summer camp. Mr. Rich was also elected, along with John Kahle, a director of the Lions Club.

Mrs. W. J. Gillespie, Jr., has been elected member-at-large of the East River Garden Club, and Mrs. Earle Wood has been elected recording secretary of the Evening Primrose Garden Club.

Lina P. Light, and Helen Sue Spangler have been given committee chairman assignments in the Bluefield Quota Club. Miss Light was also elected Treasurer of the Laurel Garden Club.

Archie Phlegar has been elected Lion Tamer for the Bluefield Lions Club and McKinley Cornett second vice president of the Bluewell Club.

Mrs. S. F. Litteral has been elected Chairman of the Veterans Division of the Bluefield Civic League and Mrs. Glenn Reynolds, Chairman of the Status of Woman Division for the same organization.

Sherri Crotty, daughter of Mr. and Mrs. Arnold Crotty, won second place in the "Fun-Seekers" Mercer County Talent Contest. Sherri sang and did a dance routine. She received a \$25.00 savings bond and a trophy.

Billie Joe, son of O. W. Adams, and Judy, daughter of C. L. Farley, have been elected to membership in the National Honor Society at Princeton High School.

Welch

Carole Mills, daughter of L. J. Mills, was elected Worthy Advisor at a recent election of Welch Assembly No. 18, Order of Rainbow for Girls. At the same election, Sonja Mills, another daughter of L. J. Mills, was elected Charity; Jackie Belcher, daughter of B. F. Belcher, was elected Recorder; Vickie Pearman, daughter of B. G. Pearman, Religion; and Francine Adams, daughter of Fred Adams, Musician.

Prize winners at the recent Auto Show in Welch included L. H.

Myers, James Booth. Mrs. J. B. Rhudy, wife of J. B. Rhudy, won the grand prize, a \$400 gift certificate.

Frank B. Barns, line supervisor, attended the Spring Rally of the Men of the Church of the Bluefield-Welch District held at Graham Presbyterian Church in Bluefield, Virginia. W. C. Groseclose, attended the Spring Rally held at the Bluestone Presbytery Center of the West Virginia Synod of Presbyterian Churches.

Charles "Chucky" Brown, son of Charles J. Brown, was awarded the Bausch and Lomb Honorary Science Award at a Science Fair Show at Grundy High School. At the annual basketball banquet, "Chucky" also won a trophy as best offensive player.

Roger McKinney, son of Erle M. McKinney, was a tenor saxophonist who performed in the All Area Band Festival held in Bluefield, West Virginia.

Cathy Cook, daughter of Lucille Cook, cashier in the Welch accounting office, was elected Vice President of the Pineville High School Student Council.

Lotus McKinney, wife of Erle McKinney has been elected president of the Coal Valley Garden Club, and Nell Nunnery was elected treasurer.

LYNCHBURG

It's a woman's world, they say, and four daughters of Lynchburg employees made their academic marks last month.

Linda Kay Hudson has been elected life president of her graduating class at Agnes Scott College. She earned her A.B. degree this year, majoring in English. Her father is L. R. Hudson.

Karen Louise Harker, daughter of J. D. Harker, graduated from Mars Hill College with a degree in home economics.

In the high school set, Barbara Brown and Beverly Ann Hodges were elected to the National Honor Society in their respective high schools: Barbara from Dunbar, Beverly from E. C. Glass. Barbara's father is C. M. Brown, Beverly's is A. R. Hodges.

ABINGDON

Abingdon's young men figured into Jaycee news last month. H. C. Breeding was given a life membership in the Abingdon chapter, and J. E. Hill was elected state director. These two, plus Donald Landreth, attended the state convention as delegates from Abingdon.

Other employees on the convention trail were W. C. Lindamood and J. G. Craig, who were on hand for the annual Lions meeting in Virginia Beach.

In sports, H. C. Breeding won a special sportsmanship award, voted by members of his bowling league. Abingdon High School was represented at the Virginia state track meet last month by Leon Prater, J. E.'s boy, and Mac Wagner, son of C. M.

Fillmore McPherson, Jr. and Paul Dunn had a hand in planning and carrying out details of the visit to Abingdon last month of Mrs. Lyndon Johnson and her party.

CHARLESTON

Charleston

Among those who went to Washington with a school patrol group from Charleston were Nancy Frazier, Kathy Shabdue, Billy Sturm, and Beverly Moss.

Other children were in the news, too. Ina and Frank Unangst, George's youngsters, had some of their sculpture exhibited in the Creative Arts Festival in the Baptist Temple. Ina's entry was called "The King Cometh" and Frank's "Pillar of Stone."

E. L. Munday's daughter, Mary Lynn, was elected secretary-treasurer of the student council at George Washington High School for next year, when she will be a senior.

The Charleston Civitan Club named Helen Flannery "Mother of the Year."

Beckley

Among Concord College's graduates this month was Brenda Gayle Foster, daughter of Beckley's W. D. Foster, Jr. She concludes an active college career, which includes holding office in her sorority, and winning its Alpha Girl Award and scholarship; serving as member of the College Center Governing Board, and as Greek editor of the yearbook. She is a dean's list student, and is listed in Who's Who in American Colleges and Universities.

John Gates, who is president of the Beckley Chamber of Commerce, attended the annual meeting of the U. S. Chamber in Washington last month.

Cabin Creek

Miss Frankie Orr, C. K. Orr's daughter, was crowned Miss Charleston General at the hospital where she is a senior student nurse. The honor is based on personal qualities and popularity among students.

UN Association Picks Bluefielder

Mrs. Jane Meadows was elected president of the West Virginia Division of the United Nations Association at the annual meeting in Charleston, West Virginia.



Mrs. Meadows

The purpose of the association is to promote education and study of the United Nations and its affiliated organizations.

Mrs. Meadows has served three years on the International Relations Committee of the Bluefield Civic League. She is past president of the Mercer County United Nations Association and has served on the executive board of the West Virginia United Nations Association for seven years. There are 15 chapters in the state.

She is the wife of Howard S. Meadows, electrical engineer.

PULASKI

Pulaski

Mrs. Bonnie Werner, resigned, was guest at a luncheon given by women employees in Pulaski, and presented a gift. Emma B. Taylor is a new employee in the commercial department.

Glen Lyn

Kathy King, daughter of C. B. King, won the annual Art Contest in her first grade class of 50 students. The contest was sponsored by the Woman's Club of Rich Creek.

Two other Glen Lyn youngsters and David Smith, son of G. L. Smith, Steven Jackson son of H. P. Jackson, Jr. were chosen to represent the safety patrol of their respective schools in the annual AAA School Patrol Caravan to Washington.

ROANOKE

Mr. and Mrs. R. A. Oliver were elected co-presidents of the Southview Elementary School P. T. A.

Miss Vicki Doss, daughter of Mr. and Mrs. J. P. Doss, was elected as secretary of the Student Council Association at Monroe Junior High School.

KENTUCKY

Ashland

John H. Via, Jr., has been re-elected president of the Boyd County Heart Association, and Mrs. Walter Venters was elected president of the Boyd County Band Boosters Association.

Cadet James R. Paul, III, son of J. R. Paul, is a member of the gold star drill platoon at Columbia Military Academy, Columbia, Tennessee. Recently, the platoon participated in the Vanderbilt Invitational Drill Meet. The team, which won the 1964 championship, competed with seven other schools.

A new employee is Paul V. Price, Jr.

Pikeville

Patricia Flanagan, daughter of H. R. Flanagan, division office



50th Anniversary

Mr. and Mrs. Chester Napier celebrated their golden wedding anniversary at their home in Bulan, Kentucky in April. They are the parents of nine children, two of whom are Kentucky Power employees in Hazard. They are Roy, head meter clerk, and Wanda, petty cash clerk.

supervisor, was selected by the Pikeville High School as a delegate to the annual Kentucky Girls State. The Kentucky Girls State is designed to give the girls a comprehensive view of the duties, privileges, rights and responsibilities of American citizenship.

David Lang, associate engineer, is a new employee.

Esta Coleman Runyon and Ronnie W. Moore have resigned.

HUNTINGTON

Huntington

Nola Sue Ferguson, a 4-H club member for eight years, won first place in Wayne County for her project in foods-nutrition. The prize that went with the honor was a deluxe edition of the General Foods Kitchen Cookbook. Nola also carried three other projects in her 4-H work, West Virginia trees, junior leadership, and personal accounting. She is the daughter of C. H. Ferguson.

R. T. Steele was elected chairman of the official board of the Crossroads Methodist Church.

Philip Sporn Plant

Mason County will be represented in the 17th annual Tri-State Spelling Bee by Larry Carpenter, 14-year-old son of John Carpenter. An eighth grader at Wahama Junior High School, he was Mason County winner two years ago, and finished tenth in the Tri-State contest.



JA Citation

John Vaughan, assistant Roanoke division manager, accepts the Junior achievement Citation Certificate for Outstanding Leadership from JA's Roanoke director, Robert Crockett. Appalachian annually sponsors one of the independent manufacturing and marketing companies in the youth organization, and provides personnel to act as advisors to the high school youths operating the company. This year, the advisors, in addition to Mr. Vaughan, were J. M. Burnett, left, J. R. Davenport, second from right, and W. L. Sutor, right. Guy Funk was not present when the picture was made.

Service Anniversaries Noted



Walter Lanter 30 Years Bluefield
Mayo Goode 30 Years Charleston
D. R. Whittaker 30 Years Pulaski
A. D. Clark 30 Years Pulaski



C. R. Stickler 30 Years System
F. E. Phillips 30 Years Pikeville
M. C. Porterfield 30 Years Executive
I. B. Peters 25 Years Roanoke



M. G. Capasso 20 Years System
Jean C. Perry 20 Years Logan-Williamson



Mary K. Wilcox 20 Years Huntington
J. D. Cassell 20 Years Bluefield

AEP Annual Report Wins In Competition

The 1964 annual report of American Electric Power Company has won first place in its class—public utility holding companies—in the Reddy Kilowatt annual report competition.

The award was presented by Ashton B. Collins, chairman of Reddy Kilowatt, Inc., at the Edison Electric Institute's annual convention in Miami last month. Accepting on behalf of AEP was Harold R. Johnson, vice president—public relations.

Judges in the contest were: J. F. Childs, vice president, Irving Trust Company, New York; W. W. Shew, publisher of "Electrical World"; W. T. Hyde, Jr., partner, F. S. Smithers & Company, investment banking house, New York; R. E. Benson, vice president, Equitable Life Assurance Society of the U. S.; and W. A. Doyle, nationally syndicated columnist, "The Daily Investor."

Found By Chance

Old Volume Offers Glimpse of Senate Debates

An old building in Catlettsburg, Kentucky—older by far than the memory of the oldest inhabitant—fell victim to what is called progress recently, and when it fell a bit of history fell into the hands of Don Bolner, Ashland serviceman.

He had just finished removing the service from the building and was watching a bulldozer level the structure. As the old floor was pushed away, Don spotted in the dust and rubble underneath what appeared to be a book. Curious, he picked it up and discovered that it was a copy of the proceedings of the United States Senate for the period between July 10-22, 1852.

Those were stirring days in history, and they have come to life for Don and his wife Bobbie. The book is printed and has a sewn binding, and has withstood the years in excellent shape.

Words of hot debate spring out of the pages. The Senate was arguing such issues as a proposed telegraph line across the continent to California; Indian trouble on the frontier, and payments for captured runaway slaves.

Perhaps the most important piece of legislation to be debated and recorded in the Bolner book was that authorizing the establishment of a body of 500 Texas Rangers to guard their state against Mexican bandits.

The Honorable Senator Borland, Democrat of Arkansas, and a supporter of President James K. Polk, spent some little time comparing the costs of the war against Mexico—Polk's war—with the costs of the peace-time administration of Mr. Millard Fillmore. The thesis of this address, which could not have captured the attention of the audience for a very long period, was that the nation could not afford peace. "So," he said, "if war at \$40,000,000 a year would have bankrupted the government, what is to become of us now when peace costs us \$50,000,000?"



Don Bolner and his wife read a bit of American history as found in the Senate debates of 1852.

The general theme of "what is to become of us" was carried out in another part of the journal in the debate over a bill to require metallic lifeboats on steam ships. There was a snippy little exchange among Senator Brodhead of Pennsylvania, Senator David of Massachusetts, and Senator Hale of New Hampshire. It seems that there was a likelihood that the bill as written would have provided certain advantages for the maker of a patented metallic lifeboat.

Senator Davis remarked suavely that if Senator Hale "were a little less influenced by speculations made

in the lobby"—suggesting that he was perhaps open to persuasion—"he would be more likely to arrive at correct and sound results."

Senator Hale, indignant, said he had heard about persons coming to the Senate to get the ear of Senators, and giving dinners, and having hampers of champagne come by railroad, and very sumptuous entertainments—his phrase—and everything of that sort. Just the same, "I do not know that I ever dined with these gentlemen that come here for the purpose I have suggested, and as far as ever having drank with them, I never did, for I have not tasted a drop of spirits in twenty years; but I believe I did once smoke a cigar with a gentleman of that description . . ."

The only trouble, says Mr. Bolner, in reading the journal is that it's like reading a detective story with the last chapter thrown out: you never know what happens. What did become of us following a Fillmore administration? Did the lifeboat bill pass? Did Senator Hale . . . ? Read your history book for the next exciting chapter.

Bluestone Hearing

(Continued from page 1)

prerequisite to the installation of power generation there, and that Appalachian's proposed Blue Ridge Development upstream on New River would provide the necessary storage. After consulting with the U. S. Corps of Engineers, Mr. Johnson said, "We incorporated into the Blue Ridge project a provision for 160,000 acre-feet of flood control storage."

Application Pending

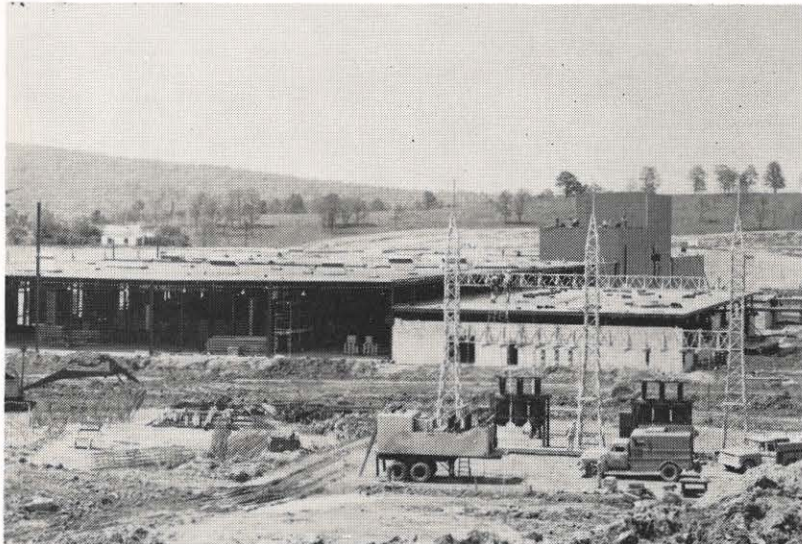
Appalachian has already received a Virginia license to build the Blue Ridge Development, a two-dam, pumped storage complex in Grayson County, Virginia. Application for a federal license is now pending before the Federal Power Commission.

Under the company's plan, down-

stream flow would be supplemented when more water would be needed in the Charleston area. Bluestone reservoir would continue under the supervision of the Corps of Engineers, including flood storage and flood releases, Mr. Johnson said.

In connection with recreation aspects of the Bluestone installation Mr. Johnson testified further that increases in water level would expand the size of the reservoir. At present, during the summer months, the reservoir is 1,970 acres. Under Appalachian's proposal, this would increase to 6,060 acres.

As a rebuttal witness, Mr. Miller explained how the power installation would enhance recreation possibilities for the Bluestone Reservoir and its possible effects on fishing above and below the Bluestone dam.



Midway Station

With the Corning Glass Works plant near Blacksburg rising behind it, Appalachian's new Midway station has been energized at 34.5-kv through a mobile transformer. Its present purpose is to provide necessary power to complete construction of the plant, and for production training. The permanent station, scheduled for completion next year, will have a 69/4-kv transformer, two 69-kv oil circuit breakers, and two-way feed.



Mr. Danforth

Roanoke Retiree Dies After Illness

W. P. Danforth, who retired as credit supervisor in the old Roanoke district in August 1963, died May 20th after an illness.

He started out January 1, 1935 as a clerk in the local accounting office, and was promoted in 1937 to assistant chief clerk. In 1942 he was made credit supervisor. He was a past president of the Roanoke Association of Credit Men, and of the Roanoke Chapter of the American Institute of Banking. He attended Second Presbyterian Church.

Mr. Danforth is survived by his widow, two daughters, and five grandchildren. Funeral services were held at Oakley's in Roanoke, and burial took place in Mr. Danforth's native Augusta, Georgia.

Familiar Faces IN NEW PLACES

Appalachian Power Company

Bluefield Division

DUKE C. WRIGHT from record supervisor to administrative assistant B; JAMES H. LOONEY from lineman B to lineman A.

Charleston Division

R. R. MEADOR from T&D clerk, Beckley, to T&D clerk, senior, Charleston.

Huntington Division

DORCAS H. LINDSEY from contract clerk, senior, to customer service clerk; JOCELYN A. BOWLES from credit and collection clerk to petty cash clerk, senior.

Logan-Williamson Division

JOHN B. BUSKIRK from groundman to truck driver-groundman.

Lynchburg Division

DAVID S. GOURLEY from assistant hydro operator to hydro operator.

System

H. F. SAYRE from system station operator A to regional dispatcher; C. R. WHITTINGTON from system station operator A to regional dispatcher.

Kentucky Power Company

Ashland Division

KARIN L. WHITT from clerk trainee to PBX operator.

Big Sandy Plant

ROBERT R. KISE, JR., from junior maintenance man to maintenance man.

Recent Brides



Married in recent weeks were, top, from left, Mrs. John T. MacLeod, Pulaski; Mrs. Larry Kerns Perry, Hazard, and Mrs. Darrell Bailey, Cabin Creek. Bottom row, from left, Mrs. Albert Thomas Taylor, Roanoke; Mrs. Joseph W. Moore, Sporn plant; and Mrs. Melvin Lee Good, Roanoke.

Compton-Berkhead

Jenna Lou Compton became the bride of Thomas Maurice Berkhead in a double ring ceremony performed February 26 at the Fieldale Baptist Church. Mr. Berkhead is the son of Furman W. Berkhead, Fieldale employee.

Price-Good

Doris Grey Price was married to Dr. Melvin Lee Good in Wilson's Mills Baptist Church in Clayton, North Carolina. Dr. Good is the son of A. J. Good, Sr., Roanoke division lineman.

Beckner-Taylor

Carolyn Sue Beckner and Albert Thomas Taylor exchanged their wedding vows in a double ring ceremony at the First Holiness Church in Salem, Virginia, May 7. Mrs. Taylor is a contract clerk in the division accounting office in Roanoke.

Claytor-Moore

In a double ring ceremony performed April 17 at the First Baptist Church in Rich Creek, Virginia, Rebecca Claytor became the bride of Joseph W. Moore. Mr. Moore is a laborer at the Philip Sporn Plant.

Wheeler-MacLeod

The Fairlawn Baptist Church was the scene for the double ring ceremony uniting Carolyn Keys Wheeler and John Taylor MacLeod in marriage May 2. Mr. MacLeod is the son of T. A. MacLeod, Pulaski station man.

Barber-Perry

The marriage of Carole Clay Barber to Larry Kerns Perry took place at the Mother of Good Counsel Church in Hazard, Kentucky, May 15. Mrs. Perry is the daughter of A. R. Barber, Hazard division manager.

Hanners-Belcher

Clara S. Hanners and Sergeant Gerald D. Belcher were united in marriage April 10 in Lebanon, Virginia. Mrs. Belcher is a clerk typist in the Welch accounting office.

Hemmings-Bailey

Sharon Beth Hemmings was married to Darrell Bailey in a ceremony performed in Miami, West Virginia, March 28. Mrs. Bailey is the daughter of F. E. Hemmings, shift supervisors at Cabin Creek Plant.

Profile of a Graduate

Church, School, Civic Work Mean Busy Days

Are all high-schoolers Beatle-nuts?

Not a bit. That much maligned group has a lot going for it, and there's ample reason for optimism if Dana Rae Everett is a good example.

Dana, graduating this year from Huntington High School, is one of the winners of a 1965 AEP Education Award, and in fact, has just won another scholarship for any Presbyterian college in the United States. She is the daughter of G. C. Everett, division commercial department.

Not too many years ago, a student with grades good enough for achievements like that was called "a grind," but that's not so with Dana. Her favorite food is pizza, she collects records, prefers a group called The Lettermen. She likes to swim, double-date, and her favorite dance is The Jerk. Blue is her favorite color, she chews gum—sometimes—and her favorite subject is social studies. Her favorite TV program is The Fugitive.

Dana's high school day begins at 7. She's at school 50 minutes later and ready for class. After a quick dinner, she might go to a meeting of some sort, and then on to a basketball game. The day ends around 11 p.m.

Subjects such as math and physics aren't enough for this pint-sized package. So she belongs to the Ro-ann Club, Alpha Tri-Hi-Y Society; she's president of the Big Sister Club, chaplain of the Student Council, and is a member of the Torch Honor Society. That takes care of school.

Two Earn Eagle Rank In Hazard

Freddie Barnett and Tommy Manning, sons of two Hazard employees, both received the coveted rank of Eagle Scout last month.

Freddie has served as treasurer, assistant patrol leader, patrol

leader, and senior patrol leader in Troop 106. He is a member of the Order of the Arrow and Brotherhood. He has served as Chippawa Chapter Chief of the Tomahaken Lodge 241.

A senior at Hazard High School, he is president of his senior class, and was also junior class president. He was offensive captain of the Hazard High School football team the past year, and basketball manager for the past three years. He is a member of the "H" Club and Science Club, Thespians, and puts the shot on the track team. He is the son of H. C. Barnett, ground-

man.

He is a member of the First Presbyterian Church.

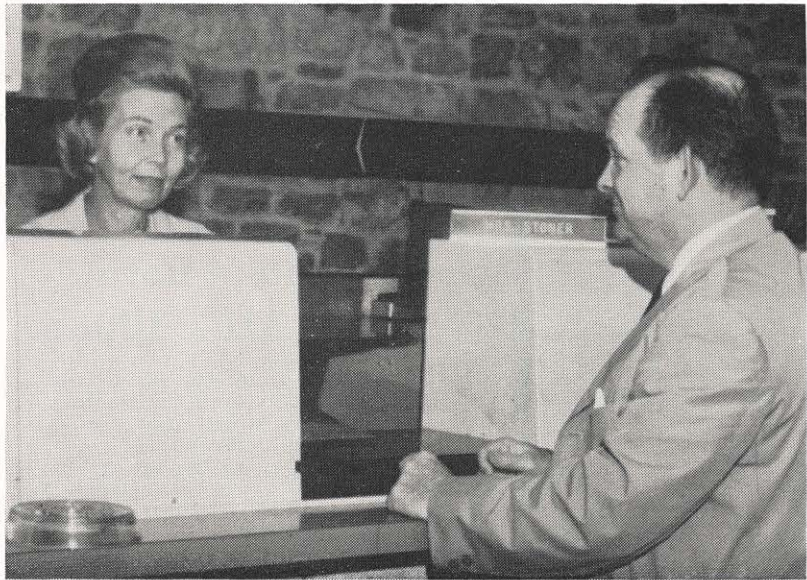
Tommy has served as assistant patrol leader and patrol leader in Troop 106. He is a member of Tomahaken Lodge 241, Order of the Arrow, Boy Scouts of America. He is a four-year camper at Breaks of the Sandy Park, a five-year camper at Camp Shawnee, Dewey Lake. He is a member of the Order of DeMolay of the Hazard Masonic Lodge.

He is a senior at Hazard High School, where he is a member of the Science Club, "H" Club, and was captain of the defensive football team. His father, W. G. Manning, is head T&D clerk.

Tommy is a member of the First Baptist Church of Hazard.

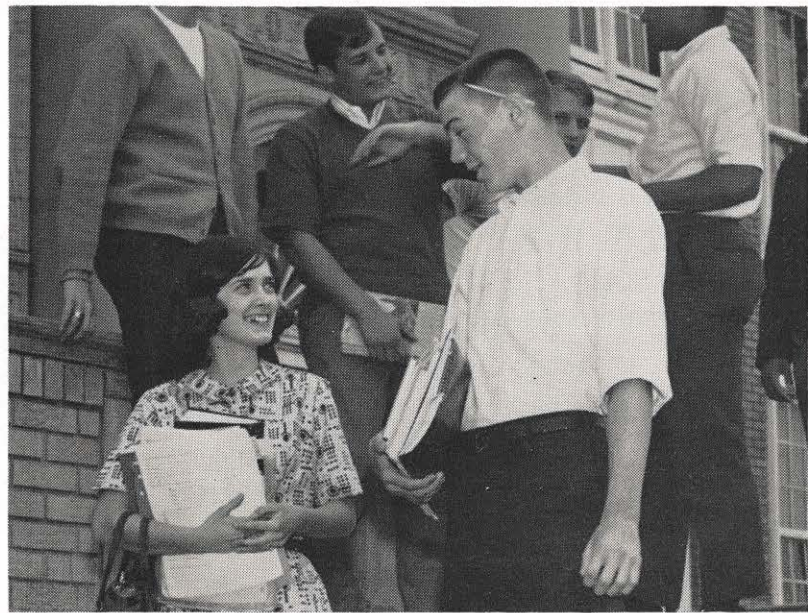


Proud fathers watch as proud mothers pin Eagle Scout badges on their sons. The three at left are the Mannings, at right are the Barnetts.



Rude Instruction

Mrs. Wanda Stoner, above, received some rude instructions not long ago at a shopping center branch bank in Roanoke. "Stick 'em up" said one of her customers, and then, pushing an empty green bag toward her, added "fill it up." The robber made off with about \$8,000, but he was arrested shortly after. Mrs. Stoner, here showing her husband Dave, Roanoke division accounting department, just how it happened.



Dana Rae Everett leaves high school with Mike Johnson. A straight A student, Dana holds two scholarships, likes The Lettermen and pizza.



When a girl gets married there are jobs for everyone in the family. Sharon O'Kelly, of Charleston, and a prospective bride, left, drafts her mother, father, and brother Dennis, 16, to work on guest lists and invi-

tations. Mr. O'Kelly, an artist, helped design the parchment invitations, and Dennis will be an usher. In the middle picture the emphasis shifts to clothes. Carroll O'Kelly, wife of Sharon's brother Gary,

models the dress she will wear as matron-of-honor. Lisa, the bride-to-be's niece, will be the flower girl, but is more concerned with a balloon. Beyond all the excitement of plans, clothes, flowers, invi-

tations, and so on, work must go on. In the picture at right, Pat Cummings shows Sharon how to post employee records in the personnel department. This will be her third Appalachian job since she

joined the company last July as a petty cash clerk, and later a cashier until her move to personnel.

When A Girl Marries, There's Work To Do

Sharon O'Kelly has always been a busy girl. In her senior year at Dunbar High School, she was editor of the annual, president of the Latin Club, member of the Thespians, president of the A Cappella Choir, a member of the Honor

Society, and constantly applied her art talent to various projects at school. In addition, she sang at a number of weddings. Now, she is busy making plans for her own.

Until she got herself a job, with Appalachian in Charleston, a

fiance, and a schedule of two nights a week studying speech therapy at Morris-Harvey College, she says it seems she didn't know before what "busy" really meant.

The last year, and especially the past few months, has been a whirl-

wind of activities that has kept her constantly on the move. In November she became engaged. While keeping up with her job and schooling, she has been making numerous plans and preparations for her church wedding June 26.

Her fiance, Bill Ratliff, hasn't exactly been relaxing. He is a student at West Virginia State, where he is in his second year, majoring in history and political science. In addition, he works part time for the Kroger Company.



For those interested in details, Sharon's wedding dress, left, is light-weight satin with a chapel swallow train, trimmed in seed

pearls. Sharon's mother checks for fit. The bridegroom is also part of the wedding plans, and here he is (right in the middle picture)

with Sharon and Duane Reynolds, an interior decorator in a Charleston store, talking about furniture and decor and similar things. Every

minute, even a quick lunch at a drive-in, is taken up with planning of some sort. Here it may be a discussion of wedding trip desti-

nation, or gifts for the bridesmaids, or the rehearsal, or the bachelor party, or . . .

They're Engaged

NANCY GENE SCALLY to Virgil Glen Roush. Miss Scally is a time clerk at Philip Sporn Plant, and Mr. Roush is a junior maintenance man at Philip Sporn Plant.

CHARLOTTE A. HIGGINBOTHAM to James L. Perry, Jr. Miss Higginbotham is a cashier in the Montgomery office.

JUDY IRBY to L. D. Rolfe. Miss Irby is a T&D clerk in Lynchburg.

FREDA KAY THOMAS to Norman Ray Harrison. Miss Thomas, daughter of Lewis C. Thomas, service coordinator in Lynchburg, is a clerk stenographer in Roanoke.

DONNA FAYE CANNADAY to Edwin Wayne France. Miss Cannaday is a clerk stenographer in the Roanoke division accounting department, Fieldale.

DONNA WOODARD to Jack L. Park. Mr. Park is the son of Louise Dooley, secretarial stenographer in Ashland.

ROBERTA LEE BARRETT to William Joseph Nuhfer. Mr. Nuhfer is the son of W. L. Nuhfer, chief electrician at Cabin Creek Plant.

Service Veterans Cited At Dinner

A total of 315 years service was represented when 18 persons were honored on May 7 at the Tug Valley Country Club in Williamson. These employees of the Logan-Williamson Division had received service emblems during the past year and one-half. Two 40-year veterans, H. R. Jackson and W. H. Honaker, and J. B. Buskirk, 30 years, joined Victor Harris, Clyde Runyon, and Jean Perry, 20 years; Lat Bevins, Lee Compton, Jack Riddle, Mary E. Davis, Glenneeda Perry, Ralph Johnson, 15 years; H. L. Foglesong, B. J. Brumfield, Hazel Farris, Mike Kohari, Naomi Cantees, 10 years; and C. W. Broughton, five years. Supervisors also attended the gathering.

Big Sandy Plant

MR. AND MRS. J. H. RATCLIFFE, a daughter, Sandra Kay, March 6. Mr. Ratcliffe is a utility man.

Bluefield Division

MR. AND MRS. JACK D. MARTIN, a daughter, Sarah Elizabeth, May 8. Mr. Martin is a meter serviceman in Pineville.

Charleston Division

MR. AND MRS. A. E. ZUTAUT, a son, Keith Earl, May 12. Mr. Zutaut is an area serviceman in Oak Hill.

New Arrivals

Glen Lyn Plant

MR. AND MRS. J. C. SUTPHIN, a son, James E., April 8. Mr. Sutphin is a utility man.

Huntington Division

MR. AND MRS. Q. H. WICKLINE, a daughter, Lynda Lee, April 29. Mr. Wickline is a dealer sales representative in Point Pleasant.

Lynchburg Division

MR. AND MRS. FRED THOMPSON, a daughter, Karen Marie, May 13. Mrs.

Thompson is a former stenographer in the T&D department.

Philip Sporn Plant

MR. AND MRS. EUGENE H. GLOSS, a son, John Hitlin, April 22. Mr. Gloss is assistant plant manager.

System

MR. AND MRS. LARRY W. CHEESEBREW, a son, Brent Alan, March 24. Mr. Cheesebrew is employed in the system operating department at Sporn Station.

Wanda Old Queen Second Time

For the second time in a year, Miss Wanda Old has been crowned a queen. Last month she reigned as



Miss Old

May Queen at Longwood College, and last year she was named queen at the national convention of Alpha Sigma Tau sorority.

Miss Old, daughter of Thomas W. Old, system T & D, is a graduating senior at Longwood, majoring in biology. She is vice president of the Zeta Tau Chapter of Alpha Sigma Tau, and president of Alpha Kappa Gamma, a leadership organization. She is also listed in the current edition of Who's Who in American Colleges and Universities. In Roanoke, Miss Old attends Airlee Court Baptist Church.



Japanese Style

The atmosphere was Oriental when the girls service club of Williamson invited their opposite numbers in Logan to come over for dinner not long ago. Chopsticks, low tables, sitting on cushions on the floor, and a complete Japanese dinner, including ginger tea, made the evening a success.

Ruth Jones Active In Civic, Church, 4-H, Sports Work

Ruth Jones, Clinch River plant time clerk, has compiled an enviable reputation for splendid civic and youth development activities.



Mrs. Jones

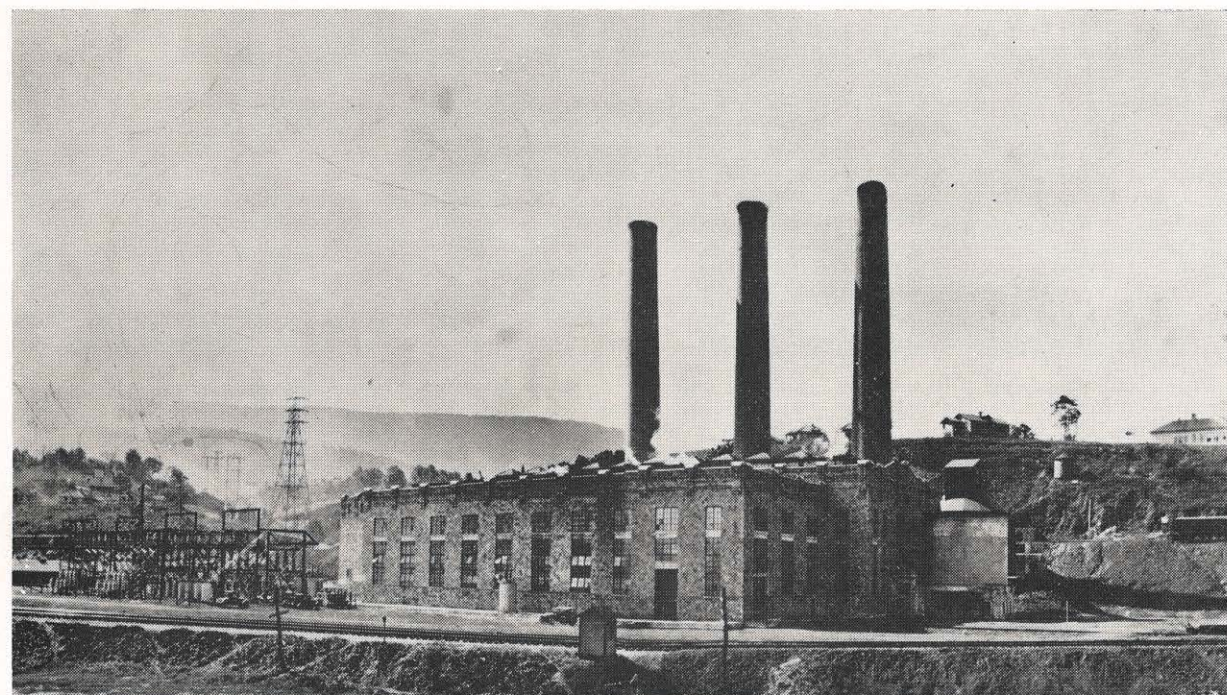
The mother of a teenage daughter and grade-school son, Mrs. Jones still finds time to be the current Worthy Matron of the Russell County Chapter #123 Order of the Eastern Star, a member of the Southwest Club, the Lebanon Home-makers Club, in which she has held prominent office, and the current secretary-treasurer of the Lebanon Little League.

As a very active member of the Lebanon Baptist Church she teaches the Intermediate Girls Sunday School Class, serves as a member of the Budget Committee, and is an accredited counselor for the Girls Auxiliary for the Church. She has long been active in the 4-H program and qualified to teach home demonstration in 1964.

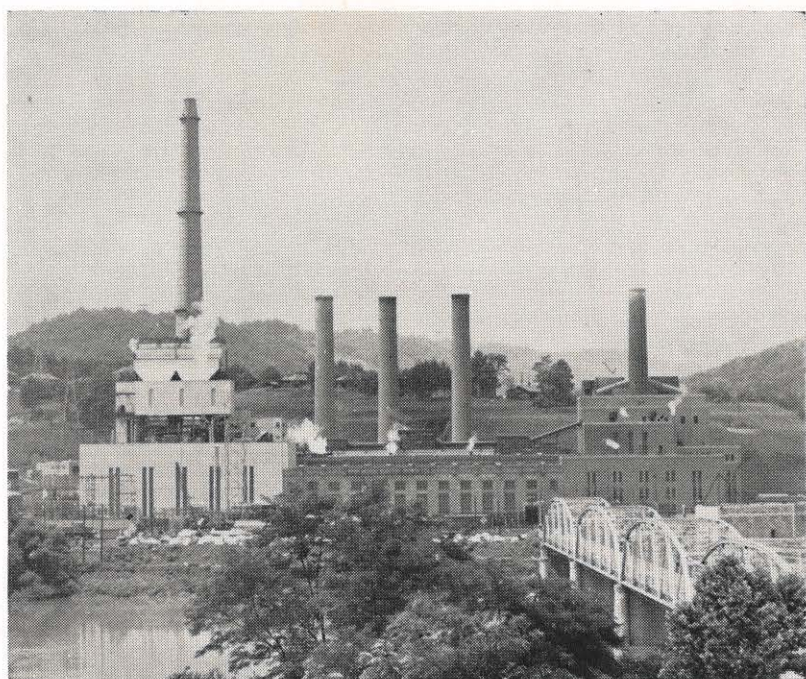
For a change of pace, Mrs. Jones is an active member of the Clinchers Club of which she is a past secretary.

Her philosophy and approach is answered simply, "There are so many things to do and I like to stay busy. We can't accomplish very much if everyone expects somebody else to do it."

Glen Lyn Plant Tells Story Of Power Generation Art



This was Glen Lyn in about 1923 or 1924, when it was newer than Clinch River plant is now. The plant had a capacity of about 80,000-kw then, and even though all auxiliary equipment was steam-driven it was the latest word in power plant design.



This is Glen Lyn today. There are new units at either end, and a new bridge, and some of the same houses still stand at the top of the hill behind the plant. Capacity today in 395,000-kw, and the newest unit was the prototype for a half-dozen more on the AEP System.

In a tangle of mountains and streams, where Virginia and West Virginia join in a twist of New River, there stands Glen Lyn plant, Appalachian's next-to-the-oldest steam generating plant. For nearly 46 years it has been spinning out its kilowatts from Virginia and West Virginia coal for Virginia and West Virginia customers.

For the power-plant historian Glen Lyn has a particular fascination, because the history of its six units is a condensed history of the art of generation. From unit to unit new pieces of equipment and new concepts were tried out here, and what designers and engineers perfected in generation at Glen Lyn they built into the bigger, newer plants that came along on the AEP system in the years that followed.

First In 1919

In the fall of 1917 Appalachian's total generating facilities on the New River were the two small hydros at Buck and Byllesby. A new plant was needed, and Glen Lyn was selected as the site because it was the closest spot to the coal fields with ample and suitable water, and convenient to load centers. No. 1 unit, 15,000-kw, went into service in July 1919. In

1920, 1924, and 1927, three more units went on the line.

Even in the comparatively short span between Nos. 1 and 4 the progress in the metallurgical and electro-mechanical fields was startling. Steam temperatures in units rose from 525 degrees for Units 1 and 2 to 725 for No. 4, and operating pressures for No. 4 had jumped to 250 psi.

All—or nearly all—of the auxiliary equipment was steam driven in those days. H. L. Surber, operations supervisor at Glen Lyn, remembers some of the problems that circumstance involved. If the power went out, as it did more often than it does now, men had to carry lanterns deep into the powerhouse, and by their flickering light attempt to read the gauges. Then, as tenants in chilly apartment houses used to do before the days of electric heat, they would rap loudly on the pipes to attract attention. Two raps, recalls Mr. Surber, meant more water, one rap meant to stop. By such means did Glen Lyn produce power four decades ago.

Lines

The power it did produce, 80,000-kw, went out to a system which, skimpy by today's standards, was adequate then. There was an 88-kv line to Pulaski, and another to Switchback, and a 13.8-kv line to Narrows. In 1926, a big 132,000-kv line was built to Switchback, and the smaller line removed.

The first two units were built without welding. All the joints were flanged. It wasn't until 1924, when Unit 3 was under construction that Glen Lyn saw its first welding

machine, and that was pulled in by a Model T truck.

At this point, power technology had reached the stage where efficiency stood at about 18,000 to 28,000 Btu per kilowatthour, and where production was almost entirely manual. In those days, boiler water was treated, if at all, with soda ash. Boiler tubes were cleaned out once a year with a reamer. Cleaning clinkers out of the boiler was called "hooking the fire" and the job was done by two or three men wrestling giant clinkers with 20-foot long rods.

Automation

Pulverized coal and more scientific water treating came in around 1930, along with boiler seal welding. One of the first automatic devices about this time was put on the scales, and measured out 100 pounds of coal at a bite. Total coal consumption then was about 1000 tons each day. Glen Lyn was still a low pressure plant.

Then came another war, and with it a demand for more power. This brought Unit 5 to the scene in 1944, a beautifully designed unit, the product of years of experience and cooperation between AEP and a score of manufacturers. Boiler pressure jumped to 1300 pounds psi, and temperature to 928 degrees, and it had a generating capacity of 100,000-kw. The unit was fed by powdered fuel, and Glen Lyn established a rudimentary laboratory to make sure that the unit's food and drink were properly prepared.

It was Unit 5, the last word in generating technology, that set an

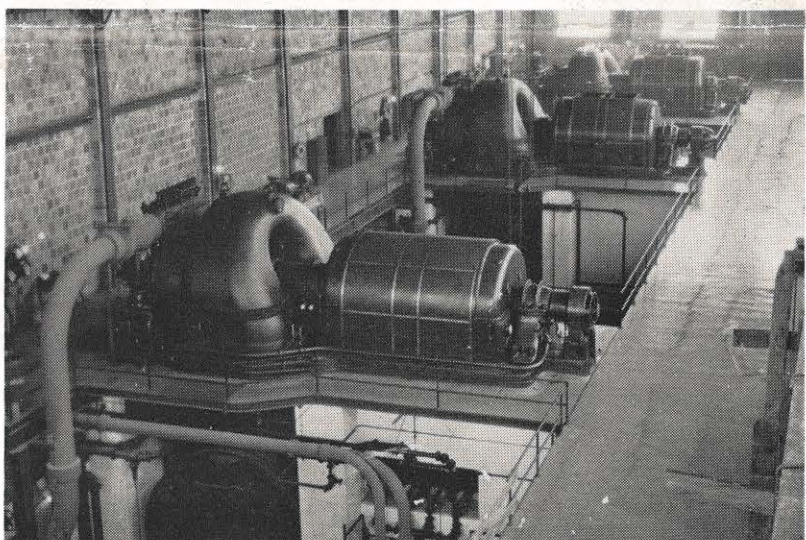
American Electric Power System record by running for 27 months without stopping. The plant had come a long way since the days when men rapped on pipes in a darkened power house.

In 1957, it was decided that another unit should go into Glen Lyn, and for the same reasons that dictated the original location of the plant: it was near coal, water, and railroads; the load centers hadn't moved, they had simply grown. This was a big unit, 225,000-kw, as against Unit 1's 15,000. Its boiler pressure has 2050 psi, temperature 1050, reheated to 1050 degrees, it was pressurized. Its efficiency had increased to 9000 Btu per kilowatt-

hour, as opposed to Unit 1's 18-24,000.

This was the unit that was the predecessor of the series that includes Units 1, 2, and 3 at Kammer; 3 and 4 at Muskingum, and 1, 2, and 3 at Clinch River. With Units 5 and 6, Glen Lyn has a capacity of 395,000-KW.

Shortly after Unit 6 went into service, the first four workhorses at the plant were shut down, although for some years prior to this they had not been on full duty. No. 1 was removed entirely, and its location is now the site of a machine shop operation. The other three are still there, but cold and silent now.



The interior of Glen Lyn in the old days as it is today, was neat and efficient, and machinery such as these turbine-generators kept the kilowatts spinning.



Mr. Frye

Abingdon Lineman Takes Retirement

Charles Wesley Frye, Abingdon division lineman, has retired with nearly 20 years of service with Appalachian and a predecessor company.

Mr. Frye, a native of Smyth County, started his electrical career with the Holston River Power Company on September 4, 1945 and has worked in the Washington County line crew since that time. He was previously employed by Hercules Powder Company and Mathieson Chemical Corporation. From 1942 to 1945 he served in the Army engineers.

Mr. Frye is married and has a son and two daughters and makes his home in Abingdon. His hobbies are hunting and fishing and he is a member of the Masonic Lodge.

More Retirees Listed

Some names were inadvertently omitted from the list of retired employees published in last month's ILLUMINATOR. They are printed here:

Bluefield

ORVILLE R. TAYLOR, P. O. Box 105, Narrows, Va. Charles R. Smith, Box 754, Narrows, Va.

Charleston

HERMAN JONES, 5273 Greywood Drive, Charleston. WILLIAM A. McCLAIN, 330 West Main Street, St. Albans. WALTER T. TIBBETTS, Pine Lodge Nursing Home, Box 208, Beckley. MELTON T. MILLER, 1807 Lotus Drive, Charleston.

Huntington

GEORGE BALLARD, 509 18th St., Kenova. JAMES K. JARRELL, 1809 Madison Avenue, Huntington. MRS. MARY P. BALLARD, 4453 Piedmont Road, Huntington. NORMAN L. MALCOLM, Rt. 1, Kenova. WOODROW HODGES, P. O. Box 119, Hurricane, W. Va. MILLIE B. BUMGARDNER, Rt. 1, Letart, W. Va.

Pulaski

CHARLES C. SPRAKER, Ivanhoe, Va. RAYMOND F. WORRELL, Cripple Creek, W. Va.

System

ALFRED REED, P. O. Box 255, Pineville, W. Va.

Roanoke

FRANK C. WILLIAMS, 134 24th St., S. E., Roanoke.

Plants

Cabin Creek

BEN E. CANTERBURY, 1049 Hubbard Street, Jacksonville, Fla. EDWARD STEVENS, General Delivery, Charleston, W. Va. MCKINLEY H. COOK, SR., Chesapeake, W. Va. ERBY B. HOLSTEIN, Hernshaw, W. Va. EMMETT R. LAMBERT, Quincy, W. Va.

Philip Sporn Construction

BENJAMIN C. STRINGER, Rayland, Ohio.



Service Anniversaries

Appalachian Power Company

ABINGDON DIVISION—20 YEARS: O. G. QUILLEN, engineering aide. 10 YEARS: NANCY M. CALDWELL, cashier.

BLUEFIELD DIVISION—30 YEARS: WALTER T. LANTER, head material clerk.

CHARLESTON DIVISION—35 YEARS: JANE ABBOTT, secretarial stenographer. 30 YEARS: MAYO A. GOODE, area serviceman.

GLEN LYN PLANT—15 YEARS: J. E. BROWN, instrument maintenance man; E. W. DeHART, maintenance mechanic.

HUNTINGTON DIVISION—20 YEARS: MARY K. WILCOX, head contract clerk.

LOGAN-WILLIAMSON DIVISION—20 YEARS: JEAN C. PERRY, cashier clerk. 15 YEARS: LAT T. BEVINS, general serviceman.

PHILIP SPORN PLANT—15 YEARS: JOHN T. REITMIRE, master maintenance man; CHARLES D. YEAGER, master maintenance man. 5 YEARS: JEAN F. COBB, utility operator; NORMAN W. MORA, badge attendant; JAMES L. FRY, coal handler; FRANKLIN E. SISSON, coal handler.

PULASKI DIVISION—30 YEARS: A. D. CLARK, division superintendent; C. W. DALTON, power sales engineer; D. R. WHITTAKER, area supervisor.

ROANOKE DIVISION—25 YEARS: I. B. PETERS, JR., assistant division personnel supervisor. 10 YEARS: A. W. BONDS, car washer; H. M. Smythers, commercial sales engineer.

SYSTEM—30 YEARS: C. R. STICKLER, system station operator. 20 YEARS: M. G. CAPASSO, work order cost billing clerk. 15 YEARS: A. B. PURDY, system relay engineer. 5 YEARS: ELIZABETH HARRISON, stenographer.

Kentucky Power Company

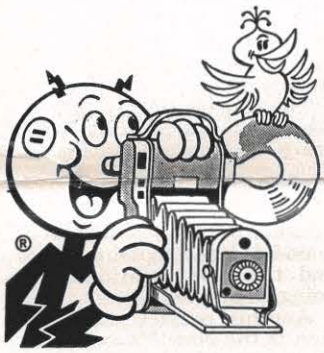
PIKEVILLE DIVISION—40 YEARS: ALLEN BLACKBURN, stationman. 30 YEARS: F. E. PHILLIPS, serviceman. 20 YEARS: R. L. HUFFMAN, r/w agent.



Employees of the accounting, commercial, records, and engineering departments in Abingdon recently put on a skit in a safety meeting that featured ghosts. The ghosts described the hows and whys of their exit from the world of living through carelessness and ignorance. Dot Hawley directed, and the cast included H. S. Fogelman, C. R. Hefner, L. C. Peck, L. W. Duncan, H. C. Breeding, W. L. Smythers, and Cliff Hawley.



It may not look like the Metropolitan Museum, but the auditorium of the Ashland office building is acquiring a new air. These two paintings were recently put on permanent display there, the first depicting our industry. James Simpson, Ashland serviceman, holds his painting, "Bellefonte Substation," and Mrs. Arla Alexander, wife of Frank Alexander, serviceman, exhibits "Big Sandy Plant."



Camera Roundup



A road is being built in West Virginia to replace one in Virginia. This is the work going on in Glen Lyn, where a road is being cut as part of a new flyash dike, and the state line wanders almost at whim through the area.



Sandra Myers, home sales representative in Charleston, conducted so many tours of the city's Imperial Towers all-electric apartments for women's groups, that she sold herself on the idea of moving in. Helping Miss Myers, left, decide some picture hanging problems is Louise Martins, another Appalachian employee.



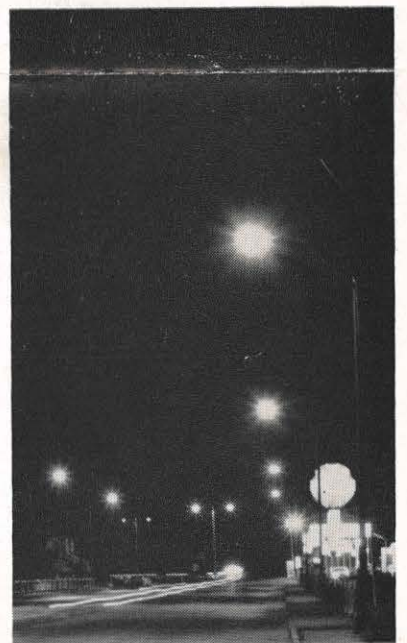
The Charleston office building has a bright new look. Open House ceremonies at the end of May brought hundreds of visitors to inspect the newly-remodeled interior, but thousands more see the brightly-lighted exterior every night. At ground level are 500-watt quartz flood lamps, and above the ledge, fluorescent lamps.



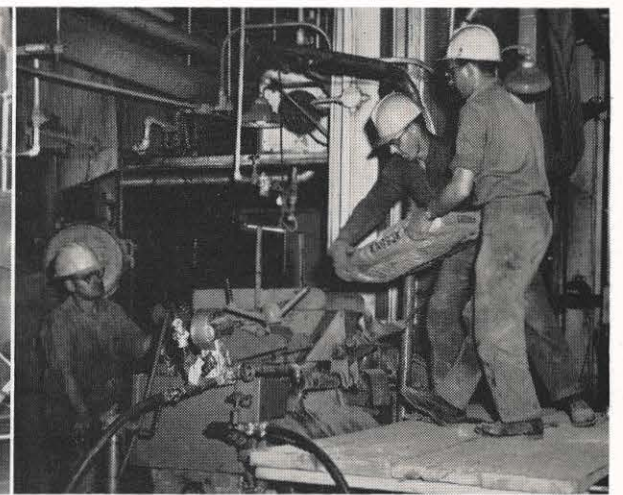
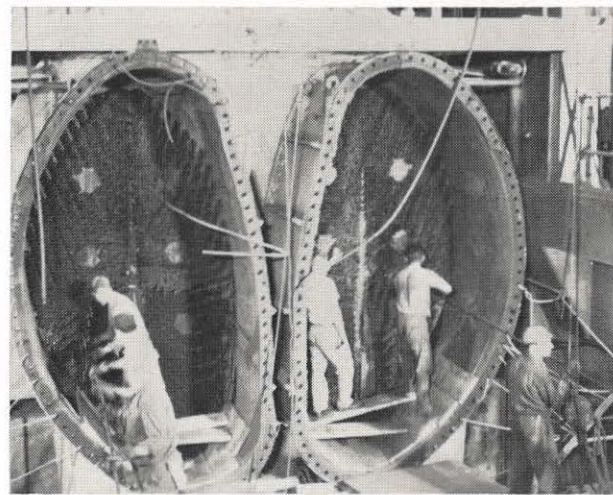
Prince Thornton, left, and Charles Saul, both Roanoke division, have just completed an instructor's course in the National Safety Council's Driver Improvement Program, and Mr. Saul is already at work instructing a class for a Roanoke business concern.



Heavy rains and spring floods brought the usual problems at Kanawha Valley Power Company's hydro installations near Charleston. Log jams such as this first strike London plant, then Marmet about a day and a half later, and two days after that, Winfield, 50 miles downstream. The logs and trash are diverted through the rollers to move it on.

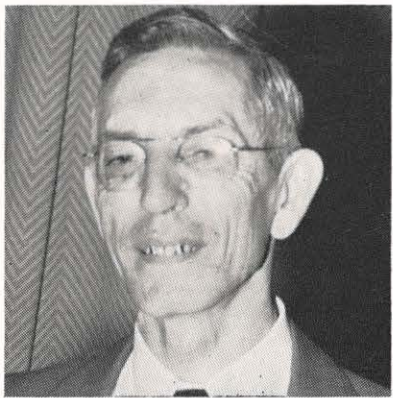


Eight new 21,000-lumen mercury vapor street lights added recently brighten up Huntington's Four Pole Creek bridge. This lighting is a continuation of the city's present white way system installed a few years ago on Westmoreland Boulevard.



Scheduled outages at two plants last month provided the usual opportunities for replacement of parts, cleaning, painting, washing, and inspecting. At left a maintenance crew removes condenser tubes on Sporn Unit 3. Nearly 10,000 were removed and replaced, with

a total length of 54 miles; in operation 100,000 gallons of water pass through them every minute. At right, W. N. Hall, Ira Owens, and Denny Higgins work on Clinch River's No. 2 unit.



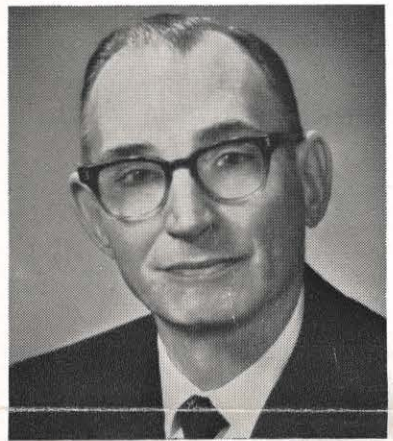
Mr. French

K. French Retires From System Post

Kyle French, system instrumentman, retired April 30 with nearly 39 years of service on every major transmission line in the Appalachian system.

He joined the company in 1926 as a rodman in the system engineering survey crew, and worked in a variety of jobs in transmission line work. In his long career he lost only five days from work because of sickness.

Born and educated in Virginia, Mr. French plans to spend retirement there as well, and will make his home in Pulaski. He has no immediate retirement plans beyond "taking things easy."



Mr. Chatfield

L. J. Chatfield, Logan Retiree, Dies

Lawrence J. Chatfield, retired material clerk in Logan, died April 18. Born in Lawrence County, Ohio, Mr. Chatfield was employed March 8, 1943 in the storeroom and retired September 1, 1963.

He was a member of the Nighbert Memorial Methodist Church and sang in the choir for over 45 years. He belonged to the local Masonic lodge and the Order of the Eastern Star.

Services were conducted April 21 in the Nighbert Memorial Methodist Church and burial was in Forest Lawn Cemetery.

He is survived by his wife, Katherine, and three children.

Tinsley Named To AEP Position

L. A. Tinsley, administrative assistant for the system operating department, has transferred to the AEP Service Corporation in New York as system analyst. He will be assigned to the Engineering Information Processing Section.

He was first employed by Appalachian as a junior clerk from 1953 to 1955 while attending Roanoke College where he graduated in business administration. Mr. Tinsley became a regular employee in the system operating department in June, 1955, as system station operator at Kanawha station.



Mr. Tinsley

In January, 1956, he was promoted to system operating analyst and transferred to Roanoke. He was promoted to administrative assistant in November, 1961, and held this title until his transfer to the AEP Service Corporation.

Pikeville, Charleston, Bluefield Employees Mark Anniversaries

Allen Blackburn, stationman in Pikeville, celebrated May's longest service anniversary in our three companies when he marked 40 years of company employment. Listed with 35-year anniversaries were Jane Abbot of Charleston, and Okey B. Yost of Bluefield.

Mr. Blackburn

Mr. Blackburn joined the company in May 1925, and he actually has three years more service acquired before that date.



Mr. Blackburn

He started out with Appalachian as a truck driver in Roanoke with the high line crew. He transferred to the Pikeville division in 1930, and has worked in a number of jobs in the T&D section. Mr. Blackburn is a native Kentuckian, and makes his home in Pikeville with his sons and

his daughter and her family. He was one of the men who worked on the first main lines that brought power into the Pikeville area.

Mrs. Abbot

Mrs. Abbot, one of Charleston's most dedicated hobbyists, joined the company in May 1930 as payroll clerk. In November 1938 she became secretary to L. M. Cobbs and worked in that job until his retirement last month. She was doing personnel work in Charleston even before a personnel department was formally established. Her interests run to photography, literature, art, music, stamp-collecting, the Charleston Camera Club, and the Daughters of the American Revolution.

Mr. Yost

Born in North Tazewell, Virginia, Mr. Yost attended Concord College, and taught elementary school in Princeton before joining Appalachian in 1930 as a meter reader and collector. In 1937 he began a series of promotions that included assistant local office manager, assistant district office supervisor, and his present post of customer account supervisor. Mr. Yost is active in the Graham Christian Church, the Graham Kiwanis Club, which he has served as president, the Salvation Army Advisory Board, and the Bluefield (Va.) Town Council, on which he has served for seven years. He and his wife are the parents of a son.



Mrs. Abbot

Mr. Yost

Additional Help Sent After Storm

Following the recent disastrous storm in Indiana and Ohio reported in the last ILLUMINATOR, additional help was sent to the Ohio Power Company by Elmo Payne, Roanoke division stores department, and George E. Poole, Roanoke division transportation department.

These two men made a quick trip with the mechanism and bushings from the 138 KV oil circuit breaker at the Fieldale Station to the Ohio Power Company Deer Creek station near Marion. Later they went to Fort Wayne to pick up an air brake switch and miscellaneous hardware which was returned to the Deer Creek station.

Puzzler: How Valuable Are These Coins?

What do you do with a coin collection that is apparently so valuable that it might as well be worthless, and so old as to exhaust the knowledge of the most avid of coin collectors?

That is the problem facing J. R. Drenan, lineman in the Milton office of the Huntington Division.

During World War II, Jim was a forward observer with the artillery in Germany. During his travels he happened across a battered metal box containing 147 coins that in a hurried inspection looked like junk. Jim sent them home as a memento, and promptly forgot them.

As the years passed coin collecting grew in popularity, and Jim's memory was jogged back to that battered box and its contents. He got them out, and found them more

interesting than he had thought. They were apparently very old, some imprinted with Caesar's head and containing Greek lettering.

Then began the search for information about the coins. Talks with amateur collectors around Huntington led to identification of only a few coins. The director of the Huntington Galleries believed them a rare find, but could not give an accurate appraisal.

A letter to the Smithsonian Institute brought another opinion that the collection could be valuable, but that Jim would have to go there to make sure. A trip wasn't possible then, so Jim continued the search in Huntington.

The head librarian in the city helped him find some of the coins in books, but this did nothing for the coins' authenticity.

Then Jim went to a Huntington man who is recognized nationwide as a coin collector and coin authority, and left the coins with him for a week. They were returned with the man's opinion that the coins were definitely authentic and extremely valuable. Some of the coins contain gold and silver, some date back to 238 A.D. These latter coins are called "The Widow's Mite", and are referred to in the Bible. Many of the coins date back further than any known catalog listing and the inscriptions are in Greek and Hebrew. The collector said that the collection was so valuable that a price could not be put on it, but he would like to buy them if he could get together a price.

Meanwhile, Jim still has the coins—apparently so rare they are becoming a burden.



Jim Drenan is more than a little perturbed about what to do with the ancient coins that have stumped experts and amateurs alike.



Here is a close-up of some of the 147 coins in Jim Drenan's collection of Greek and Hebrew coins, some of them dating back to 238 AD.



This is only part of a new residential area being built on Watkins Branch, near Grundy. Most of the new homes in this area were built with electric heat.

Buchanan County Fights For New Prosperity

The economic picture is brightening considerably in Buchanan County.

New buildings, new mines, new homes and new schools are springing up all over, and, according to predictions, there is still much more to come. So much so, in fact, that it has been predicted by Appalachian's commercial department that if all projects now under construction and ones being planned in the near future in the Welch area develop, that our revenue will increase by about \$5-million annually.

Some of these projects that are being started or completed recently are: The Virginia Mine No. 2, which will be located some six miles from the new Beatrice Pocahontas mine now in operation. Island Creek Coal Company plans to build and develop five such mines in Buchanan County. Each mine will have some 7000 KW in load and will cost about \$15-million to build and develop. The very latest mining equipment and electric facilities

will be used in the mine. The new mine should be in operation in early 1968.

Another project is the Georgia Pacific Lumber Mill. It will be built similarly to the one located at New Richmond, West Virginia. This mill will have 300 KW of connected load. It will be in operation in late 1965 or early 1966 and will employ about 80 persons.

The new Grundy High School has been used now for a short time and has a modern all-electric kitchen. The new Council High School, now under construction, will also contain an all-electric kitchen. In the near future other schools will be built or remodeled throughout the county, and the new vocational school is being completed.

Another project nearing completion is the New Eastern Isle plant. This new plant will have a connected load of 230 KW. Ladies' housecoats will be manufactured here. This plant will employ some 50 persons and may later expand.

Several retail stores are planning to expand or build. One very new store is the Fairway 5 and 10 which has 20 tons of heat pumps for cooling and heating. It is the first store in Buchanan County to receive the All-Electric Award. It has 82 KW of resistance heating equipment and has 30 KW of lighting and 5 KW of miscellaneous load and high-standard lighting. It has a total connected load of 147 KW.

Approximately 125 new homes, ranging in price from \$7,500 to \$50,000, have been built in the last year, and about 35 of these houses contain electric heat. In the whole county there now are 165 homes heated by electricity.

With all of this, Buchanan County is building for a bright future.

Division Picks Contest Winners

A safety poster contest for children of Roanoke area employees concluded May 15 with \$10 prizes being awarded to winners in three age groups.

In the 6 to 9 age bracket, the winner was Geoffrey Brown, son of M. W. Brown, Fieldale accounting; 10 through 12, Sherry Jean Bell, daughter of John Bell, meter service helper, Stuart, and in the 13 to 15 age group, the winner was Jenni Jo Kovich, daughter of J. A. Kovich, system valuation office, Roanoke.

Honorable mentions went to Sandy Bryant, son of Tommy Bryant, accounting; Elaine Reynolds, daughter of V. P. Reynolds, Fieldale lineman, and Walt Hodges, son of C. W. Hodges, T&D.

Entries could be made in four categories: safety in home, play, traffic, and school.

Winners Named In Company Bowling Leagues

The long season is over in most bowling leagues over our three companies, and the winners have been crowned.

A quick look around shows:

At Kanawha plant, a rarity. For the first time the same team, the Gems, won both halves of the competition. Second place was settled by a roll-off between the two second place finishers, and the Royals beat the Hustlers.

Individual trophies for the season's high marks went to John Blair, high average for men, 184;

Charlie Catches Cleveland's Fox

Charlie Lowe didn't exactly accomplish what St. Patrick did for Ireland and its snakes but he did rid Cleveland (Va.) of a feared menace.

Recently, the Cleveland area was invaded by a rabid fox that had attacked several animals and seemed bent on making forays into the town limits for repeated atrocities. The fox made front page notice in the *Lebanon News*. It appeared this was a very elusive fellow.

Thursday the thirteenth was doomsday for the cunning fox. He selected that night to visit the home where Charlie had his family dog on leash to avoid contact with the rabid creature. The dog sounded an urgent alarm and Charlie, with shotgun in hand, came to the rescue. The fox went down in one blast and people of the Cleveland area can quit wondering where he will be next.

Charlie is instrument maintenance man at Clinch River plant.

Association Elects Two, Honors One

Roanoke employees figured in news of the Roanoke Bowling Association last month. Marshall Covey, division meter engineer, is the association's executive director, and has also just been elected first vice president. Tommy Bryant was elected second vice president. *Bowling Magazine* also carried a story in its May issue about Marshall and his many contributions to the game.

A trophy inaugurated by Marshall—"Bowler of the Year"—went this year to C. L. Robison, Jr., system station department. The selection is made on the basis of sportsmanship, conduct, attendance, performance and game interest.

Two Athletes Garner More Honors

Skip Kidd and Mack McClung, who between them have collected enough athletic trophies and honors to fit out a Hall of Fame, each picked up some more last month. Skip of William Fleming High School was a co-winner of Roanoke's B'nai Brith Achievement Award, given annually to the city's athlete for athletic achievement, scholarship, leadership and participation in church and civic work.

Mack earned the Most Valuable Player trophy for his basketball play at Hargrave Military Academy, where he led the team to a conference and tournament title. At the end of May he was also named to All Military League baseball team.

This is the third time that the B'nai Brith Award has gone to the son of an Appalachian employee. The others were Robert Cruickshank, now a test engineer at Sporn plant and son of J. P. Cruickshank, T&D manager, and Jimmy Roberson, son of Curtis Roberson, Blue Ridge project.

Skip is the son of Mrs. Jeanette Kidd, system personnel department, and Mack is the son of W. A. McClung, system public relations director.

for women, Jeanne Sheets, 156; Jim Bostic, high series for men, 649, and high series with handicap, 796, Madge Walker, high series for women, 549, high single, 211, high single with handicap, 250. Herston Miles, high single with handicap, 296, Edna Boggess, high series with handicap, 696. Karen Creasey and Russell Stone won trophies as most improved bowlers, and Jim Bostic and Herston Miles received Century Awards from ABC.

In Huntington, the Comics, hard-pressed all the way, won the title on the strong arm of Monte Huffman, who saved his season high series of 651 for the final game. Charlie Hoschar had high singles of 258 in league play. Jean Harbour swept the ladies' honors with high single, 222, high series, 563, and a trophy as most improved bowler. High team single went to the Electra-Nauts, 1180, and the Comics, high team series, 3303.

Roanoke's Local Office, winning the second half, collided with Distribution for the championship and won by ten pins. For Distribution it was the third lost roll-off in four years, and never by more than 18 pins.

Over in Pikeville the Lumens gave the Relays a trouncing in the finals for their league title. High marks in the season included high game for men, Tilden Justice, 247;

for women, Betty Robinette, 202; high average men, James Hopson, 171, for women, Carolyn Flynn, 138. High three game series, Lumens, 2771; high three game series, men, Tilden Justice, 607; for women, Carolyn Flynn, 509. High Single game, team, Electrons, 975.

Hi-Pots took Clinch River's bowling championship in a play-off with the Flintstones. Mason Vaughan, Don Jonas, Ray McComas, Bob Caldwell, and E. E. Wyatt make up the winners. Harold Puckett won high average, Mason Vaughan high series, and Charles Hinchey, high game.

The Tartans, first half-winner at Sporn, took Athey's Shift for the championship of the 14-team

league. Willis Dudding had high season average, 182, and high three game series, 631. Gene Hesson has high season single game, 249, and Karl Wiles was the most improved bowler.

Other bowling news from Sporn reports that Doug Miller was a member of the team that won the national championship in the tournament of the Junior Order of United American Mechanics in Philadelphia. He had a 640 with handicap in the singles. Virginia Hoyt and her husband were on the team that won the mixed league championship in Pomeroy, and Virginia won the most improved bowler award.

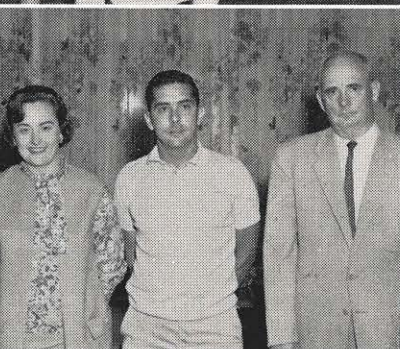
And in the annual plant bowling tournament, Herky Jerks won the team event, followed by the Tartans. Cricket Searls and Charles Yeager won the doubles, ahead of Bob Gilmore and Gerald Clark. In singles, it was Jack Johnson and Danny Woolcock, and the all events, Bob Gilmore and Cricket Searls.

Appalachian's entry in the women's league in Abingdon finished second for the second year in a row. Peggy Johnson won league trophies for high average, 158, and high handicap series, 552. Others on the team are Dot Hawley, Shirley Bowling, Nancy Breeding, Eunice Brabson, Eleanor Honaker, Lovis Mitchell, and Lottie Johnson.



Good Sport

Sonny Runyon, Williamson commercial department, was picked to receive the Sportsmanship Award in the Tug River Bowling League there. Choice is made by election by members of the ten teams in the league. As a bowler he has a 182 average.



Top row, left, are individual trophy winners in the Kanawha River Megawatt League: Madge Walker, Jim Bostic, Edna Boggess, Herston Miles, Jeanne Sheets, and John Blair. Next are the Gems, winners of both halves in the Megawatt League, and the runner-up Royals. The Gems, standing, are Bill Masset, Carolyn Masset, Jim Bostic, Jim Rider, Paul Lloyd, Karen Creasey, and Jim Creasey. The kneeling Royals are Cleon Ferrell, Okey Toney, Charles Mays, Bob Sult, and Jim McArdle. Howard King was absent for the picture taking. Second row, from left, are Monte Huffman and Jean Harbour, high series winners for the men and women in the Huntington League, and next are Charlie Hoschar and—again?—Jean Harbour, high games. At the right are the winning Comics: Milt Cole, Jean Harbour, Paul Baker, Dorcas Lindsey, and Monte Huffman. Third row, from left, are the Sporn plant champs, the Tartans. Seated are Buck Tennant and Glen Roush, and standing, Jack Johnson, Bub Stivers, Gene Hesson, and Bill Gibbs. The cluster of Sporn trophy winners in the next picture are, in front, Rome Williamson, Cricket Searls,

Bob Couch, PeeWee Wright, and Charles Yeager; second row, Keith Arnold, Jack Johnson, Gerald Michael, Bill Gibbs, Dorwin Clark, Willis Dudding and Bob Gilmore. Roanoke's winning Local Office team, next, takes a rest after edging the Distribution for the title by ten pins. Seated are Tommy Bryant and Mel Waggoner, standing, Roy Howard, Gus Croft, and Dave Stoner. Bottom row has first the Conduits, Glen Lyn champions: A. J. Turner, E. E. Brown, Betty Freeman, C. D. Wiley, D. R. Mann, and S. K. Pennington. The Conduits won both halves of the season. Pikeville's Lumens hold their championship trophies at the annual banquet: Virgil Carter, Bill Barnett, Carolyn Flynn, and George Williamson. H. R. Flanagan was not present when the picture was made. Also at the banquet the bowlers elected new officers for next year, and they are seen in the picture at right: Chester Smith, president; Doris Robinson, vice president; James Skiles, secretary, and L. M. Newsom, treasurer.



Two Abingdon employees undergo tests in the division's driver improvement program. At left, Bill Denny's reaction time is measured by Jack Frier, standing. This device calculates stopping distance at varying speeds. At right Lovis Mitchell, takes the visual safety test, given by C. B. Yearout. Jack Frier and state trooper W. E. Richardson observe. This test determines any visual defects, and measures perception, acuity and color discrimination.

Abingdon Continues Safe Driving Campaign

The Abingdon division last year had the best traffic safety performance among Appalachian divisions, and they aim to keep up the good work.

Recently a test program with 115 employees who normally drive company vehicles was undertaken with the idea of strengthening good driving habits, eliminating the bad ones, and providing a refresher course in rules of the road.

The tests were conducted in Abingdon, Clintwood, Gate City, and Marion. They were given by Jack Frier, division personnel supervisor, and C. B. Yearout, system safety supervisor, assisted by Paul Dunn, Rufus Bondurant, L. C. Angle, R. P. Miller, H. C. Breeding, and W. H. Ferguson, Jr.

Drivers were tested on mental attitude, traffic laws, reaction time, field of vision, color discrimination, depth perception, simulated night driving with and without glare conditions, and skill in handling a vehicle. The examination included a written test and a road driving test. With the examination a film, "Before It's Too Late," was shown, describing a car crash in slow motion, and explaining the need and value of seat belts.

Following the examination, each participant was given a wallet-sized card announcing that he had successfully completed the Driver Improvement Tests. The division has 67 employees who have not been involved in an automobile accident since the program started 16 years ago.

Driver training is a regular practice in Abingdon. Programs have been staged in 1949, 1955, 1962 as well as this year. Says Fillmore McPherson, the division manager: "We are convinced that this training program and the special emphasis placed on safe driving continuously placed before division employees have been largely responsible for Abingdon's high rank in the company's motor vehicle safety record."

E. C. Rakes, Retiree, Dies At Home In Kenova

Edward Carl Rakes died at his home in Kenova, April 29.

Mr. Rakes retired February 1, 1954 after 29 years with the company. He started out at the old Kenova plant in 1925 as coal handler and worked as pumpman, boiler room man, boiler and auxiliary equipment operator and retired as boiler operator.

A native of Wayne County, he was born February 11, 1889. He is survived by his widow Mrs. Frankie Dixon Rakes, a son and six daughters.



Mr. Hastings

Huntington Vet Retired May 1

R. B. Hastings, customer service clerk in Huntington, retired May 1 after nearly 32 years of service.

He was employed September 25, 1933 as telephone operator in the accounting department. He subsequently worked as meter reader, bookkeeper, cashier and clerk. In 1942 he entered the Army and upon his return worked in the old Logan district until 1946. He returned to Huntington as clerk and in 1949 promoted to the job he held at retirement.

A native of Cabell County, he graduated from Huntington High School and W. Va. Business College.

Koontz Given Degree By State FFA Group

L. L. Koontz, system supervisor of residential and rural sales, has been awarded the honorary degree of State Farmer by the West Virginia Association of the Future Farmers of America. The degree will be conferred at the Association's annual banquet in July.



Mr. Koontz

The degree is being awarded to Mr. Koontz, in the words of the notification, "because of your interest in and active support of vocational agriculture and the FFA." The FFA is involved in many problems concerned with the development of competent and aggressive rural and agricultural leadership.

Appalachian and its personnel have been consistently active over the years in its work with Future Farmers and 4-H groups.

"Illuminator" Wins National Award

THE ILLUMINATOR has won a Certificate of Merit from the International Council of Industrial Editors in the annual evaluation and awards contest.

In comments accompanying the award, the judges cited the paper's conformity to its objectives, layout, design, and general quality. It is the fifth time the paper has been honored by the editors' group.



Open House

Open House at the new Pineville office found the town's mayor, Vaughan Stewart, left, visiting with C. K. Kirkland, assistant Bluefield division manager, and Claude Farley, Pineville area supervisor. Mayor Stewart cut the ribbon to start the day's celebration. Six hundred visitors saw displays of line and personal equipment, plus a variety of household appliances. There were favors and refreshments.

New Project Will Explore AC/DC Transmission System

The first large-scale model of an electric power system with alternating-current and direct-current transmission interconnections operating in parallel will be housed in a major research laboratory being built in Philadelphia by the Edison Electric Institute.

Vincent Caleca, electrical engineer with the American Electric Power Service Corporation, has been named assistant manager of the project. He has been involved in the Institute's DC transmission research work for the past year.

To cost about \$1.5-million, the new research facility will be located at the University of Pennsylvania.

The model is being constructed to simulate a parallel AC/DC power system, including DC converter control equipment that will be essentially full-scale. Electric utilities have not previously superimposed a DC link on a system already interconnected with AC transmission lines.

The new facility was announced by Walker L. Cislner, EEI president and chairman of The Detroit Edison Company. He said that the purpose of the project was "to provide information on the operating characteristics, potential benefits and possible problems associated with parallel AC and DC lines." It is the latest development in EEI's \$2.2-million research effort on high-voltage direct-current transmission, the purpose of which is to assist in providing a basis for realistic engineering evaluation of the application of HVDC for long-distance power transmission in the United States.

The research facility will be made available, at a later date, to the university's Engineering Department and to other engineering schools.

Summer Test Project Scheduled For Sporn Plant

The 1,100,000-kilowatt Philip Sporn plant, one of the largest generating stations in the world, will be the site of this year's Project PROBE, an annual investigation of power plant performance by 12 hand-picked college mechanical engineering students.

This summer's project will be the tenth held by the American Electric Power System, and the fourth held at Sporn plant, owned jointly by Appalachian Power Company and Ohio Power Company.

Scheduled for the 12 weeks beginning June 14 and ending September 3 the project will probe the performance of each of Sporn Plant's major items of equipment, including those of the 500,000-kw Unit 5.

In testing the plant's boilers, turbines, generators, condensers, and other equipment, the students will supplement classroom theory with valuable, realistic insights into power plant operation. They will perform their own experiments, select the instrumentation to be used, collect data and reduce it by statistical methods to meaningful form. They will be supervised by the plant management and by two college engineering professors employed for the project.

Plant Man Authors Trade Press Article

W. F. Sampson, results engineer at Kanawha River, was the author of an article in the May issue of *Electric Light & Power* magazine.

The article, titled "New Method Speeds Thermocouple Testing", describes how testing is done quicker and easier by comparing direct resistance measurements with previously recorded readings. The method can be applied to most types of thermocouples used in boiler and burner temperature instrumentation.



Mr. Custer

Joseph Custer, 51, Dies In Pulaski

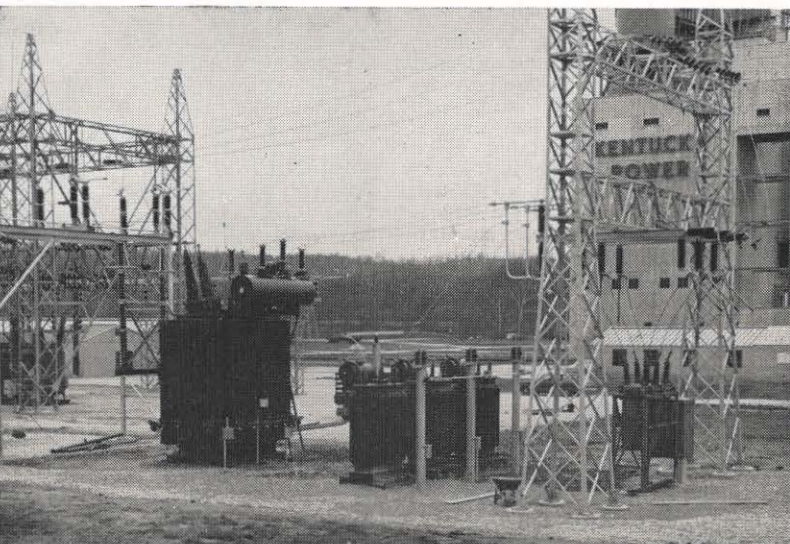
Joseph M. Custer, Pulaski division lineman, died May 17. He was 51.

He was employed as a groundman on September 18, 1945, and had worked as a serviceman before his promotion to lineman in July 1957.

Born in McDowell County, West Virginia, Mr. Custer was a member of the Isaak Walton League, past president of the Christiansburg Rifle Club, and a member of the Christiansburg Volunteer Fire Department.

Funeral services were at the Park Methodist Church, of which the deceased was a member with interment in the Roselawn Memory Gardens.

He is survived by his widow, two daughters, and a son.



Big Sandy Station

Just placed in service, this 8,000-kva, 138/34.5-kv transformer puts the Big Sandy plant into the distribution business. Until it was installed with its switching structure, Louisa and the area surrounding the plant received power from Kenova, 35 miles away. Connected to the 138-kv bus in the plant yard, the Louisa transformer supplies power directly to the new station and to the Wayne station in West Virginia.