

If the power to do hard work is not talent, it is the best possible substitute.

The Illuminator

It is not only what we do, but also what we do not do, for which we are accountable.

KENTUCKY POWER COMPANY

APPALACHIAN POWER COMPANY
OF THE AMERICAN ELECTRIC POWER SYSTEM

KINGSPORT POWER COMPANY

Vol. XV, No. 6

February, 1965

Appalachian Files For Blue Ridge Project License

Seven Education Award Winners Named; 22 In 1965

The number of \$750 Education Awards to be presented to children of American Electric Power System employees has been increased to 22 for the year 1965.

Donald C. Cook, president of AEP and of our companies, in making the announcement, said "Because of the large number of outstanding candidates in this year's annual competition, the trustees of the AEP System Education Trust Fund have made four additional awards for the year 1965."

The four additional awards for 1965 raise the total number from 18 to 22. This move was preceded by

an earlier increase from 15 to 18, announced last November.

Seven of the current awards have been made to children of employees in the system's southern properties. Five have been given to Appalachian, and one each to Kentucky Power and Kingsport Power.

Information on winners on page 3

Appalachian winners are: Lloydette Humphrey, Beckley; Dana Rae Everett, Huntington; Richard D. Shepherd, Roanoke; John W. Belchee, Welch, and Patrick A. Wilson, Point Pleasant. In Kentucky, the winner was Percillia Jeanne Byrd, Hazard, and in Kingsport, Mary Louise McAlpine.

New Year Starts With Peaks

New all-time peaks were established by the AEP system and by Appalachian and Kentucky combined between six and seven p.m. January 18. The total AEP load at that hour was 6,374,000-kw; the Appalachian-Kentucky combined load at the same time was 2,185,000-kw.

Earlier that day, at 11 a.m., Appalachian attained a new peak of 1,945,000-kw.

Previous peaks topped by the new figures are: AEP: 6,239,000-kw. Appalachian-Kentucky: 2,160,000-kw, and Appalachian: 1,915,000-kw.

First Step Taken For Permission To Build Two Dams On New River

Appalachian Power Company last month filed an application with the Virginia State Corporation Commission for a license to construct the Blue Ridge Combination Pumped Storage and Hydroelectric Development on the New River in Grayson County, Virginia.

This is the first in a series of steps necessary to obtain licenses to construct the project. Appalachian has had the development under study for the past several years. A construction license must also be obtained from the Federal Power Commission. This will be applied for soon.

The application seeks permission from the SCC to construct two dams, which would result in the formation of two reservoirs.

The application specifies that the upper dam would be approximately 267 feet high and 2,000 feet long and would be built about four miles downstream from the mouth of Little River. It would be a rock-fill type with a compacted impervious clay core.

The lower dam would be about 160 feet high and 1190 feet long. It would be built at Fries, approximately 15½ miles downstream from the upper dam, and would be a concrete gravity type structure.

Upper Reservoir

The upper reservoir would extend along New River about 40 miles upstream through Grayson County and into Ashe and Alleghany counties, North Carolina, and on Little River about 10 miles above its mouth into North Carolina. The lower reservoir would extend from the lower dam to the foot of the upper dam.

It is proposed that the ultimate installation in the upper powerhouse would consist of six vertical shaft reversible pump-turbines. The initial installation would consist of three such units. In the lower powerhouse it is proposed to make initially the ultimate installation of two vertical shaft hydraulic turbines of the conventional Francis type.

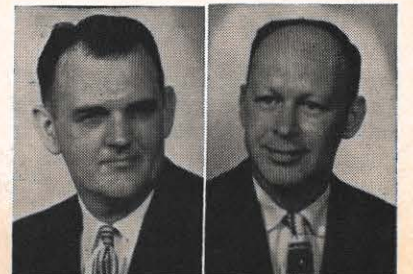
The ultimate combined generating installation for the two power stations, consisting of six pump turbines at the upper dam, rated at about 150,000 kilowatts each, and two 40,000-kw units at the lower dam, would be approximately 980,000 kw.

Energy would be transmitted from the upper dam over 345,000-volt transmission lines and from the lower dam over 138,000-volt transmission lines.

The development would be designed to provide for 160,000 acre-feet of flood storage in the upper reservoir. This is the equivalent of three inches of run-off from the drainage area involved.

Appalachian would also allocate 25,000 acre-feet of storage in the upper reservoir to provide supplemental water at critical downstream stretches during periods of severe drought.

In the application, Appalachian estimates the total cost of the ultimate development at more than \$122-million.



Mr. Crumbaker Mr. Senter

Clinchers Elected To Civic Jobs

Two Clinch River plant employees were elected to civic jobs last month.

The Russell County Chamber of Commerce elected Russell E. Senter president for the coming year, and the Lebanon Kiwanis Club tapped N. Richard Crumbaker for the same post. Mr. Senter moves up from the board of directors, Mr. Crumbaker from vice president.

Two other Clinch River men were elected by the Kiwanis Club along with Mr. Crumbaker. C. E. Archer is the new secretary, and Norman E. Bass treasurer. Mr. Crumbaker has also been active in Scouting and Little League work.

Higher Than '64

AEP To Invest \$110-Million In '65 Expansion

The American Electric Power System will invest at least \$110-million on expansion of its facilities in 1965, it has been announced by President Donald C. Cook.

He pointed out that the System also has under consideration additional projects that would begin this year and which would total another \$110-million when completed.

Cook noted that the 1965 minimum budget figure is \$20-million more than the AEP system spent last year on construction.

Of the \$110-million total, some \$33-million has been budgeted for

generating facilities. Largest single item in this portion of the budget is \$26-million to continue construction of the first of two 615,000-kilowatt generating units at the Cardinal plant at Brilliant, Ohio. Ohio Power Company will own this unit, which is scheduled for completion in 1966. Buckeye Power, Inc., an association of Ohio's 30 rural electric cooperatives, will own the second, to be completed in 1967.

Extension and improvement of the system's transmission and distribution lines call for the expenditure of nearly \$71-million in 1965.

Almost \$19-million has been

earmarked for construction of transmission lines. Included here is the start of a 500,000-volt inter-connection between Ohio Power and the Allegheny Power System, serving parts of Pennsylvania, Maryland and the Virginias. Also included is a 62-mile, 345,000-volt line to serve parts of Kentucky, Ohio, and West Virginia from a major substation to be built near Huntington, W. Va.

Appalachian's construction budget for 1965 is \$31-million; Kentucky Power's is \$6.3-million and Kingsport's is \$1.3-million.



Roanoke division employees celebrated their 1964 safety successes at dinner parties in both Fieldale and Roanoke, and heard congratulations from D. C. Kennedy and Joe P. Gills. At left, above, Garnet Harvey accepts the EEI Safety Achievement Award for the division employees from W. S. Kitchen, system safety

director, as simultaneously, Mr. Kennedy accepts from Mr. Gills the Vice President's Award. At right, employees attending the Fieldale dinner share mutual congratulations: O. A. Keene, meter service man in Stuart; Mr. Kennedy, J. B. White, Fieldale manager, and T. S. Shelton, Fieldale lineman.

Roanoke Division Wins AEP Safety Contest; Five Appalachian Locations In Top Seven

Roanoke division has won the AEP System Division Safety Contest for its safety performance in 1964. At the end of the year division employees had passed the million manhour mark without a single disabling injury, and thus also won the Vice President's Accident Prevention Award and the Edison Electric Institute Safety Achievement Award. The latter two awards were presented to division management at dinners held in Roanoke and Fieldale.

Roanoke was not the only division to mark the million safe man-

hours mark during the year. Charleston turned the trick in February. Another EEI Achievement Award was presented there.

Five Appalachian locations were among the top seven in the final AEP contest standings. Roanoke was first, having worked the longest accident-free record at the year's end (1,004,348 manhours). Cabin Creek plant was third, Logan-Williamson fifth, Clinch River sixth, and Abingdon, seventh. The only other Appalachian entry to win this contest was Kanawha River plant. Finishing the year without any

disabling injuries were Roanoke, Logan-Williamson, and Abingdon for Appalachian, and Hazard for Kentucky; Clinch River, Cabin Creek and Radford Army Ammunition steam plant.

Departments include purchasing, transportation, valuation, executive, personnel, public relations, hydro, commercial, area development, operating, real estate and right-of-way, meter and distribution, all system departments.

None of our three companies had a fatality in 1964.



To The Victors

Lorene Nester and Dick Warden accept congratulations from Fillmore McPherson, Abingdon division manager, during a recent banquet celebrating the division's victory in the Dusk-to-Dawn Derby. These two were co-captains of a team of Lebanon employees which won the intra-division competition. All division employees attended the victory dinner in the Martha Washington Inn, and heard Joe P. Gills bring management's congratulations for their efforts.

The Illuminator

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LUTHER HOUCHINS..... Clinch River
C. E. JONES..... Glen Lyn
TOM WHITED..... Kanawha River
R. J. WILLIAMSON..... Philip Sporn

Thomas Edison

It is a remarkable coincidence that three great Americans were born in the month of February. There was Washington, who helped to establish our nation; Lincoln, who saved it, and Thomas Edison who, through his genius, helped to give it motion, progress, and dynamism.

In commerce, culture, and industry, Edison—world-famous by the time he was 30—profoundly changed the history of the world by making possible the opening up of entirely new industries and whole new worlds of applied science.

If he had invented only the incandescent light and the supporting equipment that turned it from a laboratory plaything into a commercial reality, he would still rank as one of the great movers of the world. The light, however, was just one product of his genius. When he died he had been issued 1,097 patents.

Edison was once described by his wife as "the most patient impatient man who ever lived, yet he never forgot how to be patient with those with whom he lived and worked . . . he was generous, tender, and kind and possessed of a fine sense of humor . . . he was the friend and playmate of our children, their teacher and their comforter."

Edison had his own formula for keeping his patience and good humor. "I never allow myself to be discouraged under any circumstances," he wrote once. And again, "The main quality for success is ambition with a will to work."

Perhaps attitudes such as these, maintained until his death at 84, are the marks of Edison's true genius.

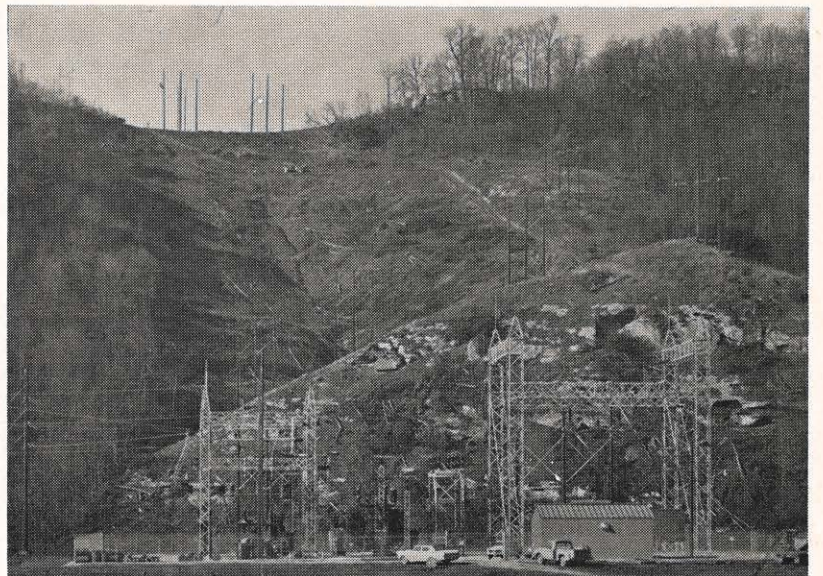
This is the man whom our industry and nation salute during National Electrical Week.

Kentucky's Thelma Station Now In Service

A major station, to serve the northern end of the Pikeville division, has been completed. The new 138/69/46-kv Thelma station, with a main transformer capacity of 50,000 kva, is served by a 138,000-volt line from the Big Sandy Plant.

Under construction are three lines from the Thelma station, to tie in Pikeville division stations. A 69-kv line will serve the nearby R. E. C. C. station. Two 46 kv lines will feed stations at Paintsville, Van Lear, Prestonburg, and at Allen. The rebuilding of present lines from Paintsville to Allen will provide an alternate feed into the division.

The Thelma station is the fourth feed into the Pikeville division. The other three are from Sprigg to Beaver Creek, Hazard to Beaver Creek, and from Clinch River plant to Beaver Creek.



The newly completed Thelma Station, served by a 138,000-volt line from Big Sandy plant, provides a fourth feed into the Pikeville division. The station's main transformer capacity of 50,000-kva will give the division additional capacity.

Johnson Promoted At Glen Lyn Plant

W. R. Johnson, assistant shift operating engineer



Mr. Johnson

Giles County where he received his education in the public schools. He is past president of Giles County Fireman's Association and for a number of years served as the fire chief and a member of the Town Council at Glen Lyn.

Mr. Johnson and wife reside at Pearisburg, Virginia.

was promoted to shift operating engineer, effective February 1, 1965.

Starting his employment on January 6, 1936 as laborer Mr. Johnson has advanced through the operating department to his present position.

Mr. Johnson is a native of

Exchange Student Tells Of Sweden

A youngster whose home is half a world away from West Virginia spent New Year's week end as a house guest of the George Hervey family.

He is Anders Lunborg of Sweden, a Rotary Exchange student, who is now in his senior year in Pineville. He visited the Logan Rotary Club with a slide program about his native land, and met Mr. Hervey there. The Logan-Williamson division manager invited him to return for the holiday.

In the course of his visit, Anders had the opportunity to meet other youngsters his own age when Bonnie Hervey, a student at Logan High School, invited her friends in.

Although his school term ends in June, Anders has plans this summer to hitch-hike around the United States, seeing our country, and showing his slides—and having lunch—with Rotary clubs on the way.

Two AEP Men Named Fellows By IEEE

Howard C. Barnes, head of the AEP Service Corporation's electrical engineering division, and G. H. McDaniel, head of its system operating division, have been honored by election to the rank of Fellow by the Institute of Electrical and Electronics Engineers.

The rank of Fellow is the highest in the 150,000-member IEEE. It is conferred by invitation only upon persons of "outstanding and extraordinary qualifications in their particular fields."

Mr. Barnes, a 25-year veteran with the American Electric Power System, has been a member of IEEE since 1947. Since then, he has been a member of numerous committees and subcommittees dealing with various phases of power systems engineering, and has served as chairman of five of these groups. He is currently chairman of three groups.

Mr. McDaniel, who has been with the AEP System since 1934, became a member of IEEE in 1946. He has been closely allied since then with committees on power generation, incremental heat rates, prime mover control and protection, power systems engineering and others. He is currently chairman of IEEE's Power Generation Committee.

1964—What Happened, When, Where, Who

The year just past, as seen in the pages of The Illuminator:

JANUARY:

The new year began with a new look in Appalachian's corporate structure. Districts passed from the scene, and were replaced by eight operating divisions. D. P. Minichan and S. R. Pritchard came respectively from Bluefield and Huntington to Roanoke as executive assistants to the vice president and general manager. There was a new sound in Tennessee: Kingsport Utilities, Inc., changed its name to Kingsport Power Company because the new name "was more descriptive of the only service the company is engaged in." . . . R. F. Millikan, Kentucky Power, and Luther Houchins and Howard Ferguson, both from Appalachian's Clinch River plant, were among the top winners of the 1963 Annual Operating Ideas Awards.

FEBRUARY:

Kentucky Power announced that it would spend \$1.4-million on a new line and a station. The line, 138,000-volts, would run from Big Sandy plant to a point near Paintsville, where Thelma station would be built to receive the line. This investment, said F. M. Baker, Kentucky Power vice president and general manager, represented a belief in the continued development of the eastern Kentucky area.

MARCH:

In Lynchburg they put the finishing touches on a major remodeling and expansion program . . . F. M. Baker and C. R. Bryan, assistant general manager of Kingsport Power Company, were elected to the board of directors of the AEP Service Corporation.

APRIL:

AEP announced that it would spend in the next seven years \$1-billion for expansion of its facilities. President Donald C. Cook said there are two reasons for this: the greater use of electric power by our customers, and confidence in today's favorable business climate and the economy of the country, enhanced by the recent Federal tax cut . . . Funds available for the annual Operating Ideas awards were increased to \$4,000 . . . The second of four water wheels scheduled for installation in the Smith Mountain Dam was installed.

MAY:

Employees in the Charleston division completed one million consecutive man hours without a disabling injury and won the Edison Electric Institute Safety Achievement Award . . . A 138,000-volt line was completed between Smith Mountain Dam and East Danville station. This was the last of four lines built to carry the dam's electric output into the Appalachian transmission network . . . D. C. Duncan, veteran safety director for Appalachian, retired, and was succeeded by W. S. Kitchen.

JUNE:

The seven-year expansion program announced by President Cook in April called for expenditures of \$322-million by Appalachian, \$50-million by Kentucky, and \$7-million by Kingsport. Appalachian's figure included the cost of a 600,000-kw generating unit to be built somewhere in southern West Virginia.

JULY:

G. South Dunn, who organized Appalachian's public relations department in 1948 announced his retirement effective August 1, and was succeeded by William A. McClung.

AUGUST:

Clarence J. Bryan became Kingsport's vice president and general manager following the retirement of J. E. Wright. He moved up from assistant general manager . . . The town of Abingdon won first prize in a national contest for better street lighting in the interests of safety and crime prevention.

SEPTEMBER:

Five AEP plants were among the country's 20 most efficient steam generating plants . . . The system's control office was moved into a new computer-microwave center in Canton . . . AEP directors inspected Smith Mountain and Leesville dams.

OCTOBER:

Appalachian's Work Simplification program added awards in Electrobucks for each accepted proposal to promote wider interest in its efforts to find better, cheaper, safer, or more efficient ways of doing things.

NOVEMBER:

For the sixth time since the program was established, the number of AEP Education Awards was increased, this time to 18. One of the new awards was assigned to Kingsport . . . At Lynchburg the lake behind old Reusens dam was lowered to permit repairs and painting of the structure . . . In Charleston modernization and remodeling of the office building started.

DECEMBER:

The Computer Center opened for business in Canton . . . AEP joined two groups aiming at improving service by interconnections and coordinating operations of member companies . . . In Roanoke employees took a trip through the newly-remodeled executive offices and conference room and saw the new load coordinating office. Remodeling of the general office building continued . . . An excellent sales year was reported by all three of our companies, with quotas exceeded, met, or barely missed in virtually every category . . . Roanoke division completed a million consecutive man-hours worked without a disabling injury.

Pulaski Lineman Taken By Death

James Thomas Kegley, Pulaski, died January 3 at a local hospital.

Mr. Kegley joined Appalachian in November 1946 as a lineman. In 1959 he transferred to the station section, and he had been a station man since that time.

A native of Pulaski County, he was an active member of Pulaski First Methodist Church. He was also a member of the V.F.W., having been a veteran of World War II.

Survivors include his widow, a daughter, a son, his father and a sister. Funeral services were at the Church and interment was at Highland Memory Garden, Dublin.



Mr. Kegley

Close-ups Of AEP Education Award Winners

Winning AEP Education Awards from our three companies this year in a competition notable for its high quality were four girls and three boys.

Lloydette Humphrey, who attends Woodrow Wilson High School in Beckley, is the daughter of Lloyd Humphrey, engineering aide in the Charleston division. She hopes to enter the University of North Carolina to study physical therapy, which she intends to make her career.

At Woodrow Wilson, Lloydette is president of the Senior Class, a member of the Student Council, and National Honor Society, secretary of the Thespians, vice president of Tri-Hi-Y, a cheerleader and a delegate to "Know Your State Day."

She is also active in community and church programs, serving as a "candystriper" at the Veterans Administration Hospital, vice president of her church's Youth Fellowship and a member of other church

groups, a district Rainbow officer, member of the Beckley Civic Ballet, and recipient of an "Outstanding Citizen" award at Girls' State.

Her hobbies include dramatics, choir singing, ballet, piano playing, swimming, and reading.

Dana Rae Everett

Dana Rae Everett, upon her graduation from Huntington High School, Huntington, will study either English or the social sciences in college. The daughter of G. C. Everett, Huntington division residential sales supervisor, Dana has been a member of Huntington High's Ro-Ann Club, the Alpha Tri-Hi-Y Club, the Pep Club and Spanish Club, and president of the Big Sisters Club.

She was secretary of the Junior Class and was elected chaplain of the Student Council last Fall. In addition, she has been president for the last three years of her church youth group and is active in the Huntington Christian Youth Council.

Dana enjoys reading and sewing and is also fond of watching sports. She also likes impromptu football and baseball games, picnics, and attendance at church conferences and camps. To earn money, she babysits for neighborhood parents.



Dana Everett



Richard Shepherd



Patrick Wilson



John Belchee



Percillia Byrd



Mary McAlpine

Richard D. Shepherd

Richard D. Shepherd, who attends Patrick Henry High School in Roanoke, plans to attend either Duke University or the University of Virginia, but is undecided as to his major field of study.

The son of R. D. Shepherd, personnel assistant, in system personnel department, Richard is a senior class representative to his school's Executive Council, president of its chapter of the National Honor Society, and student government representative to the Roanoke City-County Relations Council. He is also a member of the student committee of the American Field Service and of the golf team.

Richard was chosen by the American Legion to attend Virginia

Boys' State and has acted as an acolyte and crucifer at his church for the past four years. He has been a participant in local and state golf tournaments, and also enjoys basketball, football, swimming and gymnastics. He likes folk and classical music, too.

John W. Belchee

John W. Belchee is the son of W. B. Belchee, Bluefield division commercial manager. John attends Welch High School in Welch, and, upon graduation, would like to attend Davidson College's pre-medical course.

At Welch High, he is a member of the National Senior High Honor Society, of the Future Medical Leaders of America, Key Club,

football team and is yearbook sports editor. He is also a member of his church's Youth Fellowship and Youth Choir, and a delegate to Mountaineer Boys' State.

John has twice taken second place in community tennis tournaments and also enjoys basketball, football, baseball, and other sports. He plays the piano and the organ and is also fond of reading.

Patrick A. Wilson

Patrick A. Wilson, who is the son of Mrs. Bessie Wilson, clerk-stenographer at Point Pleasant, plans to attend Marshall University to take a degree in business administration.

He attends Point Pleasant Senior High School, where he is a member of the Key Club and National Honor Society and record-keeper for the Senior Class. He has been a member of the basketball and football teams and of the Library Science Club. After school, and during summers, Patrick earns money by performing yard chores and caddying at a local golf course.

Golf is his favorite pastime, followed by bowling and basketball. He also enjoys reading.

Percillia Jeanne Byrd

The Kentucky Power educational award winner is Percillia Jeanne Byrd, the daughter of C. E. Byrd, station man in the Hazard division.

Percillia attends Hazard High School, where she is a member of the Thespian, Beta, Debate and Science Clubs. She teaches a Sunday School class at her church and hopes to attend a school of nursing, eventually becoming a teacher of nursing arts.

Percillia enjoys watching baseball, football and basketball and takes part in roller skating, swimming and archery. She also likes to play the piano and is currently learning to play the guitar.

Mary Louise McAlpine

Kingsport Power Company's award winner is Mary Louise McAlpine, the daughter of Louise B. McAlpine, home sales representative.

Mary would like to attend a liberal arts college, but is undecided on her specific career goals. At Dobyns-Bennett High School in Kingsport, she is a member of the Student Council, secretary of the Radio Broadcasting Club, has held various offices in the Humanities Seminar and been a member of the executive board of Y-Teens.

She has also been treasurer of both the Beta Club and the Girl Scouts, assistant yearbook editor and a member of the National Honor Society. She has been active, too, in her church youth programs. Mary enjoys both watching and participation in basketball and similar games, dancing, and public speaking.

Retirement Closes Long and Active Career of Service by G. L. Furr

An active career in the electric utility industry spanning 48 years has ended for G. L. Furr, vice president of Appalachian Power Company.

He started work with Appalachian in Bluefield in 1916 and came to Roanoke in 1946.

With his retirement as vice president, Mr. Furr will remain a member of Appalachian's board of directors.

Nicknamed Fuzzy most of his life, Mr. Furr, is known for his dedication to his company—Appalachian, his community—Bluefield and Roanoke, and his school—Virginia Polytechnic Institute.

During his long career he has seen Appalachian grow from several local, independent power firms; to 1926, when these companies were brought together to form the nucleus of the present company; to today, with Appalachian serving 511,000 customers in 21 counties in southern West Virginia and 31 counties in western Virginia.

Started in 1916

Mr. Furr joined the old Appalachian Power Company, predecessor of the present-day company, on September 16, 1916, in Bluefield. His first job was an operating engineer, which required him to perform many jobs with the company, including meter reading, pole climbing, substation work, line construction, and testing insulators.

In 1923, he was named assistant Bluefield division general superintendent, and four years later was promoted to the superintendency. In 1936 he became assistant division manager, and was pro-



Mr. Furr

moted to division manager December 1, 1943.

On October 1, 1946, he moved to Roanoke as assistant general manager of Appalachian. At that time, he was described by M. C. Funk, then Appalachian vice president and general manager, and now vice president, as advancing "to a position which will give wider scope to his exceptional talent in the management and operation of our business. Mr. Furr has devoted almost his entire adult life to electric public service, and his vision and executive ability have contributed materially to the development of the company."

He was promoted to vice president and general manager November 1, 1952, a post he held until

retirement as general manager in 1960. He has served since as vice president and consultant.

Some of his early life with Appalachian was spent in preparation for leadership in later years. After returning from 21 months' duty with the Army cavalry, tank corps, and signal corps, during World War I, he was sent to Schenectady, N. Y. There he spent ten months with General Electric Company on an exchange basis, receiving special training and instruction.

In 1923, Furr made an extended trip south, studying the operations of Alabama Power Company, Birmingham; Georgia Railway & Power Company, Atlanta; and Southern Power Company, Charlotte.

SEE President

Furr's leadership in the electric utility industry resulted in his being elected president in 1958 of the Southeastern Electric Exchange, made up of electric utilities throughout southeastern United States. He has also served as a director of the organization. He has also been president, board member and executive committee member of the Public Utilities Association of the Virginias, made up of utility companies in the Virginias.

Bluefield sports fans of the 1920's may remember Furr on the baseball diamond. He was captain of Appalachian's team entry in the Bluefield City League, played left field, and batted sixth.

Community service begun in Bluefield continued in Roanoke, where, when he accepted the chairmanship of a United Fund Division one year, he expressed his philosophy of community work this way: "It is a rewarding personal experience; but even more than that, it is the acceptance of a civic responsibility by each of us to contribute to the progress of the community in which we live."

At present he is a member of the Roanoke and Virginia Chambers of Commerce, member at large of the National Council of Boy Scouts of America, member of the Masons (he is a Shriner), and a director of the Jefferson and Community Hospitals of Roanoke. He is a member of St. John's Episcopal Church, where he has served as vestryman and member of the finance committee.

Chamber, Y, Scouts

Community activities in the past included the presidency of the Bluefield and Roanoke chambers, and the Golden Triangle inter-chamber committee, made up of Roanoke, Danville, and Lynchburg. He has also been board member, vice president, and campaign chairman of the Central YMCA in Roanoke, and was a director of the Blue Ridge Council of Boy Scouts.

Since graduating in 1916 from V.P.I. with a degree in electrical

engineering, Mr. Furr has given much time and leadership to his school. He was a member of the VPI Board of Visitors from 1954 to 1962, and rector of the board from 1956 to 1962, and was a member of the Alumni Association board from 1952 to 1957. He is now president of the VPI Educational Association and chairman of the VPI Development Committee.

Born in 1895 at Bluemont, Va., Mr. Furr was married September 10 1924 to Miss Sammie Ferguson of Appomattox, Va. They have two children: G. L., Jr. and Mary Katherine Furr.

In 1955, he was the first man selected Boss of the Year by the Roanoke Junior Chamber of Commerce. The basis of the selection provides a summary of G. L. Furr's first 70 years: "Well-known in the community, well-liked by employees, actively interested in the community, and qualified for his position."



Mr. Furr and Mr. Sporn at the 1958 Managers Meeting.



Mr. Furr at the dedication of Kanawha River plant, 1953, with Davis Elliott and V. M. Marquis.



Mr. Furr accepts for Appalachian a citation from the Virginia Foundation For Independent Colleges from Stuart T. Saunders while Don L. Jordan watches, 1958.

Happenings

Around the Circuit

... Among Employees and Their Families

LOGAN-WILLIAMSON

Richard B. Francis, grandson of A. C. Fife, retired, former Logan station foreman, has been nominated to enter competition for an appointment to the Merchant Marine Academy at Kings Point, N. Y. He is a graduate of Logan High School and at present attends West Virginia University.

J. L. Richmond and M. R. Atkinson, were elected members of the board of directors of the Logan Kiwanis Club for the next year.

Mrs. Caleb White, has been elected vice president of the Altar Society at Our Lady of Mount Carmel Catholic Church for this year.

Mrs. Chester Elkins, adult leader of the Eager Beaver Patrol of Girl Scout Troop 355 of Chapmanville was justly proud of her group, which included her daughter Abra. The troop collected toys for the needy at Christmas time.

New employees in the Logan area are Robert Lee Bell and Clarence Evans.

CHARLESTON

Timmy Garten, 11-year-old son of Russ Garten, was chosen to be in the Sacred Heart School Choir which sang at the Inauguration of West Virginia's new governor, Hulett Smith. The ceremonies were held at the capitol building on January 18.

Sue Shultz, commercial department stenographer, was the winner of the grand prize in a drawing at a local store held at Christmas time. She won kitchen equipment valued at \$564.00.

Frances McHenry, personnel, has resigned to move with her husband to Roanoke.

Larry D. Lindberg is a new groundman.

Carl Keffer, co-op student, has resigned to attend the University of Cincinnati full time.

Paul H. Parsons, has been elected to the board of governors of the Sleepy Hollow Golf Club, and Cecil W. Lovell, has been elected to the board of directors of the Charleston Area Chamber of Commerce.

Beckley

Taking part in the inauguration of Hulett C. Smith as West Virginia's 27th governor was Jack Groseclose, lineman-B, Oak Hill. Mr. Groseclose, a lieutenant in the 159th Infantry Battalion, Troop C, 1st Squadron, was one of the members of the honor guard that officially escorted members of the Governor's family to activities of the inauguration on January 18 at the state capital.

BLUEFIELD

Mrs. M. M. Yost, was elected Treasurer for the year 1965 in the Cumberland Garden Club . . . Mrs. Ray Heldreth, member of the Laurel Garden Club, was commended for her work of up-dating the Bluefield Garden Council's Constitution . . . O. W. Adams has been elected second vice-president of the Princeton Chamber of Commerce . . . Mrs. Lois Rounion has been named publicity chairman for the Bluefield chapter of the American Red Cross . . . Charles Kinzer was runner-up in the Bluefield Christmas Beautification and Light-in-3 Contest.

The following are the new committee chairmen for the Girls' Service Club in Bluefield: Marie Dunn, in charge of Sick Room; Frances Keller, Social; Eulalia Footo, Bakery Goods; Polly Mitchell, Safety; Jane Bearre, Scrapbook; Thalia Myles, Utility; Mildred H. Bishop, Program; Juanita Crouch, Publicity; Lina P.

Light, Coca-Cola, and Helen Sue Spangler, THE ILLUMINATOR.

Arnold Crotty has been elected to a three-man committee to organize and operate 34 basketball teams in an area Church Basketball League for boys and girls in the Bluefield area . . . H. H. McClung, Sr., was elected to the Board of Directors of the Salvation Army.

Welch

Judy Dee Farley, daughter of Lonedra M. Rose, has been selected as a delegate to the 15th session of Know Your State Government Day in Charleston March 1. Judy Dee is a junior in the Pineville High School.

Francine Adams, daughter of Fred Adams has been elected Worthy Advisor of Welch Assembly No. 18, Order of Rainbow for Girls. Other employees' daughters elected include Carol Mills, daughter of L. J. Mills, elected Worthy Associate Advisor; Sonjia Mills, another daughter of L. J. Mills, elected as Hope; Vicki Pearman, daughter of B. G. Pearman, elected Immortality, and Jackie Belcher, daughter of B. F. Belcher, elected Recorder.

W. T. Collins will serve as chairman of the Boys and Girls Committee of the Grundy Kiwanis Club. He will also serve as chairman of the Student Loan Committee of the same organization.

Mrs. Jack Martin, wife of Jack D. Martin, in Pineville, will serve as publicity chairman for the Wyoming County Cancer Society Crusade.

Barbara Mitchell, daughter of W. L. Mitchell, has been elected Junior Princess of the Bethel No. 60, Imperial Order of Job's Daughters. Mrs. Marilyn Mitchell, wife of W. L. Mitchell, served as Installing Grand Secretary.

KINGSFORT

Carson L. Barnes, meter reader, Kingsport, was honored recently by being elected Master of Whiteside Lodge No. 13, F. & A. M., Blountville, Tennessee. Currently in its 149th year, Whiteside Lodge is the 7th oldest lodge in the State of Tennessee in continuous service, and boasts a colorful and historic past. During the Civil War when most of the members were fighting for the cause of the South, the charter, written on lambskin, was taken along with the members in service in order that meetings of the lodge might be held. During this time, the charter was lost and it was not until several years later and after much searching that the charter was located in northeastern Virginia and returned to its rightful location. Barnes is the third generation of his family to hold membership in Whiteside Lodge.

LYNCHBURG

Ralph Johnson has been elected captain of the Monelson Volunteer Fire Department. He has also been elected to a three-year term as a member of the Board of Directors of the Wright Shop Road Ruritan Club.

KENTUCKY

Pikeville

Bill Barnett was elected to a three-year term on the Pike County Chamber of Commerce Board.

Clifford J. Aders was elected master of Wheelwright Lodge F & A.M. of Wheelwright, Kentucky for 1965.

H. H. Kincaid was recently elected to the board of trustees for Appalachian Regional Hospitals.

Ashland

R. L. Barnes and Freddie Slone, both system accounting, have resigned.

Big Sandy

New plant employees are Mrs. Belinda Boggs, Gale D. Fyffe and Everette W. Lycan.

ABINGDON

Abingdon

W. H. Ferguson, Jr., was elected secretary of the Glenrochie Country Club. R. M. Bondurant and Paul S. Dunn were elected to the Board of Directors.

Fillmore McPherson, Jr., has been named a director of the Virginia Travel Council, and recently attended a state board meeting in Norfolk, Virginia.

Mrs. J. C. Hughes, was elected president of the Nannie Bland David Circle of First Baptist Church in Gate City. Her husband has been elected president of the Scott County Rural Area Development Association, Inc.

R. M. Bondurant recently became a three-gallon donor to the Red Cross Blood Program.

ROANOKE

Roanoke

Mr. and Mrs. E. Jackson Shaver, Jr. were elected co-vice presidents of the Cotillion Club.

Fieldale

Bruce St. Clair was presented the Outstanding Leadership award for 1964 for his 4-H work . . . Iris P.

Nash has resigned . . . Mary Katherine Jennelle is Fieldale's new home sales representative.

System

New employees in system accounting are John Santapolo, Joyce Robertson, Joy Stinson, Joyce Cook, and Roger Gowl. Dianne Gaye Bush has joined system operating.

PULASKI

Pulaski

Three employees were elected to positions of leadership by the members of the Pulaski Country Club. Bruce B. McCall was picked as vice president, and S. A. Dewey and V. W. Hinton were elected to the board of directors.

In church work, A. L. Graham, Jr., and Mr. and Mrs. Carl A. Schmidt were honored by the Woman's Memorial Lutheran Church. Mrs. Schmidt was elected treasurer of the Women's Auxiliary, her husband re-appointed chairman of evangelism, and Mr. Graham elected secretary of the men's group.

(Continued on page 7)

Employee's Fast Thinking Saves Serious Trouble

Quick thinking and fast moving on the part of Paul Sayre prevented what might have been serious trouble following a freak accident in Point Pleasant last month.

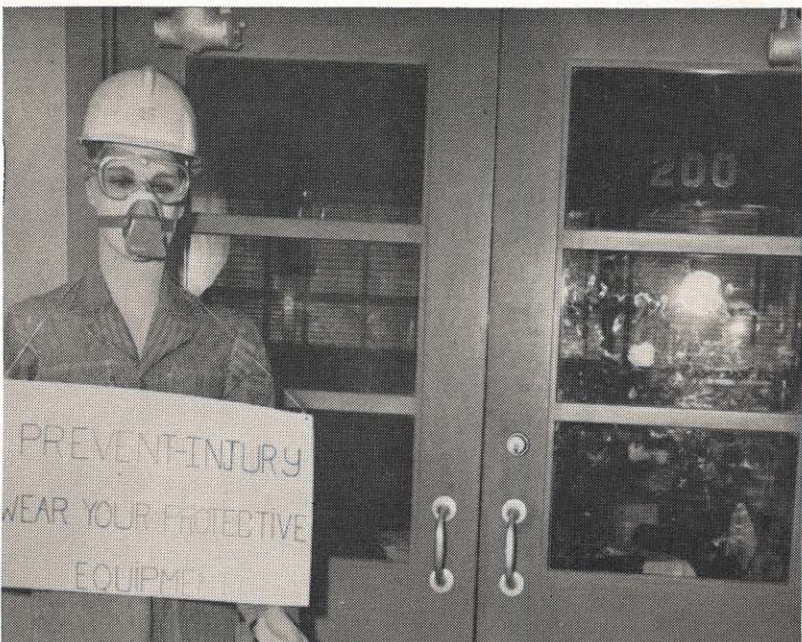
At 9:30 one Sunday morning a Greyhound bus slid over the curb and crashed into a power pole with a bank of three transformers. Mr. Sayre, lineman, on his

way to church, saw the accident, and quickly ran to the scene. The pole was snapped and conductors were lying in the slush and snow.

With the driver he persuaded the passengers to remain calm and quiet in the bus, and then directed the persons who collected at the scene to keep away from the conductors. A crew arrived soon after to take up the job of restoring service.



Mr. Sayre



Safety Gimmick

Latest gadget put to the task of promoting safety in the already safety-minded Clinch River plant is this fully equipped manikin stationed at the door of the plant cafeteria. From hard hat to safety toes it was a graphic illustration of what the safe-dressed man should wear. It was almost a living example as well; Jack Blankenship, the plant safety director, through a walkie-talkie rig, made it appear that the manikin was speaking to employees as they entered the cafeteria.



Junior Achievement

"This is the way it works," say two officers of the Appaco Company of Roanoke, as they demonstrate a gadget to keep garbage can covers firmly in place. The device was manufactured and marketed by the Junior Achievement Company, which is sponsored by Appalachian. Showing how the cover guard works are, left, George Seib, vice president—sales, and Tom Seay, vice president—manufacturing. Watching are G. V. Funk, left, and J. M. Burnett, both Appalachian employees, and advisors to the company. With them is Donna Dillon, Appaco president. Two other Appalachian advisors, not present, were J. R. Davenport and Willard Sutor.

Electrobucks Again Offered Employees For Sales

An incentive program by which Appalachian employees can win Electrobucks for residential electric heating and dusk-to-dawn light installations during 1965 has been announced.

Appalachian's quotas for electric heating and D-D installations have been set, and to meet them, according to Joe P. Gills, vice president and general manager, "will require efforts on the part of each employee."

Mr. Gills referred to 1964's successful sales year, in which Appalachian led all AEP system companies in electric heating installations, and was the only operating company to meet and exceed its dusk-to-dawn light quota. "This impressive success," he said, "gives us a firm base to work from, because it shows the growing acceptance of both of these services."

Appalachian's quotas, assigned by New York, are 3,970 residential electric heat installations, and 7,450 dusk-to-dawn lights.

Details

Here are details of the Electrobucks program set up to help promote sales:

All active and retired Appalachian employees are eligible. Any prospect an employee turns in which results in an electric heating installation—whether new or conversion, heat pump or resistance heating—wins 20 Electrobucks for him. Names of prospects should be turned in to the local commercial department, where prospect cards and literature are available.

The same procedure should be followed with Dusk-to-Dawn sales, except that the payoff is 10 Electrobucks.

Special Draws

Extra Electrobucks can be won in special draws in each division. For every ten heating installations a draw pool will be held. The names of the employees responsible for those ten installations will be placed in a hat, and one drawn. The winner gets 50 more Electrobucks. The employee's name goes in the hat once for each sale of the ten he is responsible for. For Dusk-to-Dawn installations, the conditions for the special draw pool are the same, except that the draws will be held after 25 installations.

And in the division that shows the greatest percentage of increase in lamp billings over the previous month, the Electrobucks won by employees selling the lights will be doubled.

"This is a job for all of us," said Mr. Gills, "and after the high level of participation in last year's sales efforts—participation that accounted for a substantial part of Appalachian's successful program—I'm sure that all of us will do it again."

Gills Asks Support In Sales

To my fellow employees.

Last year was one of the most successful sales years this company has ever enjoyed. In one category after another, we met or exceeded our quotas. Many employees, whose jobs do not normally involve sales, turned into salesmen, and their tips and prospects for electric heating and Dusk-to-Dawn lights helped in this performance.

Now new quotas have been established for the year we have just begun. The impressive success of last year gives us a firm base to work from, because it shows the growing acceptance of these two services. To meet our quotas will require the continuance of the fine efforts of each employee.

This is a job for all of us, and after the high level of participation in last year's sales efforts—participation that accounted for a substantial part of Appalachian's successful program—I'm sure that all of us will do it again.

Joe P. Gills



Jack Hawks and Ed Gregory, on the pole, and J. H. Harris on the ground are installing a dusk-to-dawn light at the restored Thomas Whitten fort near Bluefield. It will help to keep Indians away.



Mr. Ferguson

Mr. Hayes

Mr. Herndon

Mr. Hinchey

Clinch River, Sporn Men Offer Three "Operating Ideas"

Clinch River and Sporn plant men continued their extensive participation in the AEP idea program by publishing articles in the January issue of *Operating Ideas*.

Aubrey Gose, Clinch River results department, described the many uses and efficiency of a portable air tank. This is used, he reports, in place of hydraulic jacks or air loader sets previously used to vary the pressure on pressure switches and gages while checking for proper calibration. The new rig is easy to carry, involves practically no maintenance, and cost less than \$30, including labor,

to assemble.

Two other Clinch River men, C. Hinchey and H. Ferguson, also in the results department, were the co-authors of another article in calibration. This is a thermostatically-controlled fluid bath, and it offers accurate tests safer and quicker than was possible before.

It is designed for temperature-actuated devices such as thermometers, thermostats, and alarm indicators and calibrates them by measuring their response to a fluid bath maintained at a constant known temperature. It required 20 manhours and \$55 to assemble the bath, and since it was installed in February 1962, has halved the time formerly spent on calibration.

An article by Robert Herndon and William Hayes of Sporn plant outlines savings of about \$7,000 a year. It describes a method they devised of changing the water level on the ash tub seal skirts to slow down the rate of corrosion and deterioration on the seal skirt. This new method, which involves extending life of the parts and reducing maintenance will be incorporated into new plant designs, beginning with Cardinal plant's Unit No. 1.



Mr. Gose

Fort Built Before Revolution Now Equipped With D-D Light

When the fort was first built, around 1771, the settlers kept watch from dusk to dawn for marauding Indians. Nowadays, there would be no problem, because an automatic dusk-to-dawn lamp has been installed; and as everyone knows by now, these lights discourage prowlers.

The fort in question was built before the Revolution in Clinch River Valley. The exact site is at Crab Orchard near Pisgah on a thousand-acre tract bought in 1771 by Thomas Whitten. Men were enlisted regularly to defend this fort and two others in the area, and the settlers were gathered up and quartered inside during hostile

demonstrations. Daniel Boone himself is believed to have spent some time at Thomas Whitten's fort.

Third Structure

The structure that stands now is actually the third fort on the spot. Four decades ago, Henry Callaway, author of the Old Timer's column in the *Bluefield Daily Telegraph*, and father of the Bluefield division's M. R. Callaway, promoted the reconstruction of the old fort as an area project. Not much of the old building was left, but it was reconstructed, and thousands of people came for the celebration the day it was dedicated.

But, unused, the fort became a victim of time and weather until this past fall, when the reconstruction was restored, and it was re-floored, re-roofed, and refurbished. This time it will be used as an information center, promoting travel trade. It was in the course of the restoration that the dusk-to-dawn light was installed.

Beatty Donates Second Gallon

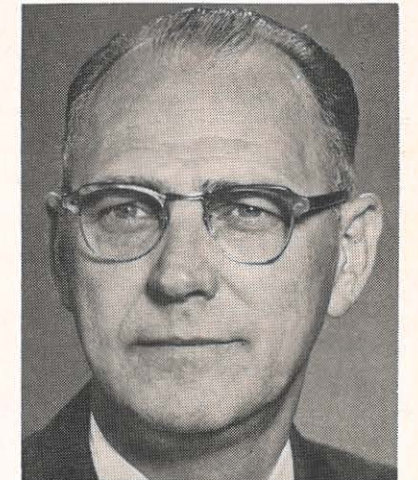
A. M. Beatty, Roanoke division stores supervisor, started the New Year off by joining the Two-Gallon Club at the Red Cross Blood Center. He started making donations to the program in 1955.

An active member of the First Church of the Brethren, Mr. Beatty has held a number of posts in it, and is at present treasurer, member of the church board and the pastoral board. He is also a member and past vice president of the Civitan Club.

Mr. Beatty will complete 30 years of Appalachian service this March.



Mr. Beatty



Mr. Buckland

Whittaker Chosen To Lead Kiwanis

David R. Whittaker, area supervisor at Pearisburg, is the newly-elected president of the Narrows Kiwanis Club.



Mr. Whittaker

He has been a member of the Narrows Club for 15 years, has served on all committees, and has been a member of the Board of Directors for three terms. Last year he was the first vice president. For several years he has helped promote the Narrows water festival, the proceeds of which go to the support of the Kiwanis' Underprivileged Children's Program.

He is a member of the Narrows Methodist Church, is a Mason, and a member of Mercer Anglers' Club.



New Building

Looking over plans for the new Pineville-Mullens office building are C. A. Farley, area supervisor (right) and B. G. Cline, contractor. The single story building, located across from the Pineville High School athletic field, will be 90 feet long, 35 feet deep, with an outside storage area enclosed by a cyclone fence, and a 56-foot vehicle shed at one end of the building. The facility will contain a 730-square-foot community room, 300-square-feet of office space, plus storage and service areas. The structure is scheduled for completion about February 1.



Mr. Bailey

Retirement Ends Lineman's Career

A. I. Bailey, lineman in the Charleston T&D department retired January 29, after 19 years' service. A native of Liberty, West Virginia, he began working as a groundman in December, 1945. He had formerly been employed by the Red Parrot Coal Company at Prenter and General Machinery at South Charleston.

Mr. Bailey likes hunting, fishing, and carpentry, and has a shop in his basement. He plans to continue living in Charleston, but he and his wife will take a trip to Arizona in February, for an extended visit with his brother. They have two daughters and five grandchildren.

System Employee Dies In Huntington

Hansford O. Buckland, 53, system regional chief dispatcher in Huntington died January 22 following a long illness.

A native of Fayette County, he had been located in Huntington for the past eight years. Mr. Buckland was employed in the Bluefield area in 1934 as an operator and had completed 30 years' service with the company.

He was a member of the Baptist Temple, Huntington Lodge 313, BPO Elks, and Kenova Masonic Lodge No. 110.

Surviving are his widow, two daughters, two sons, and two brothers and two sisters.

Funeral services were held in Huntington with interment in Cunningham Memorial Park at St. Albans.



Married in recent weeks were from left to right, top row: Mrs. Russell W. Stapleton, Abingdon; Mrs. Ken-

neth Michael Etter, Smith Mountain; Mrs. Larry G. Crotty, Ashland; Mrs. Robert May, Ashland, and Mrs.

Robert J. Weideman, Huntington. Bottom row: Mrs. John Burris, Jr., Sporn plant; Mrs. Harry E. Jen-

nings, Pulaski; Mrs. John W. Metz, Fieldale; Mrs. John Michael Dove,

Ashland, and Mrs. David R. Bowen, Bluefield.

Dozen Couples Married In Recent Weeks

Bowman-Stapleton

Flora Jane Bowman became the bride of Russell W. Stapleton in a double ring ceremony performed December 11 in Williams Chapel Church. Mrs. Stapleton is the daughter of James V. Bowman, appliance repairman, Kingsport.

Ward-Crotty

Barbara Sue Ward was married to Larry G. Crotty in the First Methodist Church in Ashland, Kentucky, December 19. Mrs. Crotty is a home sales representative in Ashland.

Snodgrass-Etter

Karen Sue Snodgrass became the bride of Kenneth Michael Etter in a ceremony performed January 9

in the Tabernacle Baptist Church in Roanoke, Virginia. Mrs. Etter is the daughter of Earle T. Snodgrass, resident engineer, Smith Mountain Construction Department.

Dixon-May

Kay Dixon became the bride of Richard A. May in a ceremony at the Grace Church of the Nazarene in Ashland, Kentucky, January 2. Mr. May is a clerk trainee in the system accounting department in Ashland.

Kelsey-Wiedemann

Elaine Margaret Kelsey and Captain Robert J. Wiedemann exchanged nuptial vows December 28 in St. Joseph's Catholic Church, Huntington, West Virginia. Mrs.

Wiedemann is the daughter of P. C. Kelsey, Huntington division line engineer.

Fitzgerald-Burris

A double ring ceremony performed December 25 in the Evangelical United Brethren Church in Mason, West Virginia, united Linda Fitzgerald and John Burris, Jr., in marriage. Mrs. Burris is the daughter of Paul Fitzgerald, maintenance man at Philip Sporn Plant.

Worrell-Jennings

Linda M. Worrell was married to Henry Ellis Jennings on January 16 at Green Hill Memorial Baptist Church, Hillsville, Virginia. Mrs. Jennings is a petty cash clerk at Pulaski.

Mullins-Metz

On December 20 a double ring ceremony performed at the Oak Level Baptist Church in Bassett, Virginia, united in marriage Virginia Dare Mullins and John W. Metz. Mrs. Metz is a stenographer in Fieldale.

Belcher-Dove

Betty Ann Belcher and John Michael Dove were married December 30 in Wise, Virginia. Mrs. Dove is the ward of Charles Stayton, administrative assistant in Ashland.

Vermillion-Bowen

Norma Elizabeth Vermillion and David Richard Bowen were married in a candlelight ceremony December 24 in the bride's home. Mrs. Bowen is the daughter of Helen and John Vermillion, Bluefield employees.

Rice-Winger

In a double ring ceremony on

December 5 in York, South Carolina, Bonnie Lou Rice became the bride of Kenneth W. Winger. Mr. Winger is a lineman in the Roanoke division.

Farley-Prowse

On December 31 Olivia Farley and Marl D. Prowse were united in marriage in the parsonage of the Marmet Baptist Church. Mr. Prowse is a line foreman in Charleston.

They're Engaged

CARLENE KINSER to Stanley G. Oxley. Mr. Oxley is a meter serviceman in Charleston.

FLORENCE ADAMS to William Davis. Miss Adams is a cashier in Logan.

JEANNA LOU COMPTON to Thomas Maurice Berkhead. Mr. Berkhead is the son of F. W. Berkhead, regional assistant chief operator, Fieldale.

Miss Thomas Wins Citizenship Award

Miss Bettie Thomas, daughter of L. R. Thomas, Roanoke division meterman, has been chosen to receive the Daughters of the American Revolution award at Northside High School. The DAR, or Good Citizen Award, is based on the qualities of dependability, leadership, service, and patriotism.

Mrs. Harold F. Rozier, wife of the system distribution engineer, is Good Citizen Award chairman of the Colonel William Preston Chapter of the DAR, and will make the award.

Miss Thomas is a member of the National Honor Society, business manager of the year book staff, president of the Future Homemakers of America and the Dramatics Club, former treasurer of the Student Co-operative Association, and member of the Pep Club. She

is also a charter member of the Keyette Club and a member of the National Thespian Society. Miss Thomas is active in St. Paul's Lutheran Church. She is a member of the church choir, active in the Luther League, having served as reporter, treasurer, secretary and president, state convention delegate and district conference planner. In Sunday School she has served as assistant teacher and treasurer.



Bettie Thomas

New Arrivals

Big Sandy Plant

MR. AND MRS. CLARENCE C. CASTLE, a daughter, Kelly Louise, November 30. Mr. Castle is a utility operator.

Bluefield Division

MR. AND MRS. T. PAUL DALTON, a daughter, Teresa Michele, January 13. Mr. Dalton is an auto repairman.

Clinch River Plant

MR. AND MRS. LON R. BREWER, JR., a son, David Scott, December 3. Mr. Brewer is a utility operator.

MR. AND MRS. CLARENCE E. BROWNING, a daughter, Mary Ellen, December 13. Mr. Browning is a maintenance man.

MR. AND MRS. JUNIOR W. ADDISON, a daughter, Susan Renee, December 17. Mr. Addison is a utility man.

Kanawha River Plant

MR. AND MRS. CARL E. JENKINS, a daughter, Carla Sue, December 26. Mr. Jenkins is a work order clerk.

Lynchburg Division

MR. AND MRS. W. L. COTHRAN, a son, Robert Scott, January 3. Mrs. Cothran is a former cashier.

Philip Sporn Plant

MR. AND MRS. KENNETH E. MATSON, a daughter, Alayna Dawn, December 28. Mr. Matson is a laborer.

MR. AND MRS. GEORGE H. HESSON, a son, Craig Mitchell, December 23. Mr. Hesson is a laborer.

Pulaski Division

MR. AND MRS. RICHARD DANIEL TICKLE, a daughter, Karen Susan, January 16. Mr. Tickle is a lineman.

System

MR. AND MRS. H. H. LEWIS, a daughter, Janice Estelle, January 9. Mr. Lewis is employed in the system operating department at Turner Station.

MR. AND MRS. HARRY L. PRICE, a son, Mark Anthony, November 21. Mr. Price is a system transmission line department employee in Bluefield.

Employee's Wife "Woman of Year" In Russell County

Frances Bell Houchins, wife of Clinch River plant's personnel supervisor, L. C. Houchins, was named Russell County's "Woman of the Year" at the annual civic dinner held January 16.

Mrs. Houchins was selected for the award because of outstanding service to the county through active participation in church, civic, and youth development programs. She is a charter member of the Lebanon Presbyterian Church and one of the founders of its Sunday School. This led to her selection to instruct Bible School Directors throughout the Abingdon Presbytery.

Since moving to Lebanon in 1957, Mrs. Houchins has been an active member and officer in the Lebanon's Woman's Club, P. T. A., Cub Scouts and other civic or educational organizations.



Mothers' March

Mrs. Bennett McAlpine sorts material she needs in her job as chairman of the Mothers' March of Dimes for lower Sullivan County, Tennessee. Her daughter, Mary, who won a 1965 AEP Education Award, was chairman of the Kingsport teenage section of the campaign. Mrs. McAlpine is Kingsport's home sales representative.



Hazard Helicopter

Hazard line crews, using a helicopter, have completed work on 17 miles of aluminum tower and line construction. One line runs about 11 miles from Leslie station to Clover Fork station, consisting of 37 "Y" type towers and three "Z" type towers ranging from 40 feet to 76 feet in height. The other line, over five miles long, connects Carbon Glow station and the new Gordon station. In its construction, the crews used 17 "Y" towers, some as tall as 80 feet. By using the helicopter, the 57 towers were installed in four days.



Mr. Litteral

Starlin F. Litteral Dies In Bluefield

Starlin F. Litteral, Bluefield division line inspector, died January 1, 1965 in a Bluefield Hospital. He had been with the company for 24 years.

He was born in Fries, Virginia, and attended public schools in Mullens, West Virginia.

Mr. Litteral started work with Appalachian in 1940 as a laborer and became a lineman in 1942. In 1947 he was promoted to working foreman and in 1957 he was made line inspector, the position he held at his death.

He was a member of the Presbyterian Church and the Moose Lodge, and was an Air Force pilot from 1942 to 1946.

His survivors include his widow and two children.

Ill Health Forces Akers Retirement

George Akers, Huntington line foreman and a 28-year Appalachian veteran, has chosen early retirement due to ill health. Joining Appalachian in Logan, W. Va. February 10, 1936 as lineman he was transferred to Huntington in 1949 in his present capacity.

Mr. Akers, a native of Galveston, Kentucky, was active in the Masonic Lodge, bowling, and church affairs.

He and his wife are now residing in Mesa, Arizona.



Mr. Akers

Six Employees Enrolled In Training Course

Six employees of the Pulaski division are enrolled in the American National Red Cross Instructors' Training Course in First Aid. Their instructor is Patrick Prusinowski, safety service representative of American National Red Cross.

Only those persons holding the advanced certificate in the First Aid 16-Hour Course are eligible to take the instructor's training, which consists of 15 hours and covers the techniques of instructing the Junior, Standard, and Advanced First Aid Courses. Those passing the 15-hour training will receive Instructor's Certificates and authorization to issue certificates to those classes they instruct.

This training program will locate instructors throughout the division and enable all company employees to receive instruction to keep First Aid Certificates up-to-date. These instructors will be qualified and available to instruct classes outside the company in the communities where they are located.



Pulaski division employees enrolled in the Red Cross instructors' program are shown with their instructor, Patrick Prusinowski. From left, seated, are S. C. Smith, D. M. Davis, and S. L. Johnson. Standing are J. R. Kidd, L. W. Dotson, H. B. Newland, and Mr. Prusinowski.

I&M Man Fills AEP Advertising Post

Quentin F. Stultz II, public relations assistant for Indiana & Michigan Electric Company, will join the American Electric Power Service Corporation in New York on March 1.

In his new position, he will supervise and coordinate advertising for the American Electric Power System. He succeeds Alfred J. Hart, who resigned, effective February 1, to join International Telephone & Telegraph Company.

Stultz joined the I. & M. public relations department as an editorial assistant in 1959. He was named public relations assistant in 1963.



Mr. Johnson

Johnson Retires At Glen Lyn

H. P. Johnson, shift operating engineer at Glen Lyn plant, retired February 1, after completing more than 44 years' service with the Company.

Mr. Johnson began his employment at the Sprigg plant in January of 1921 where he worked until he was transferred to the Roanoke steam plant in November 1937. At Roanoke he served as assistant plant superintendent. On February 1, 1944 Mr. Johnson was transferred to the Glen Lyn plant as shift supervisor and was promoted to shift operating engineer March 1, 1960.

A native of Winston County, Mississippi, Mr. Johnson worked as fireman on the railway after completing his education.

His main hobbies are boating, fishing, and hunting and he plans to devote much of his retired life in these activities.

Mr. Johnson resides at Narrows, Virginia with his wife and is a member of First Baptist Church. They are the parents of two sons.

Personals (Continued from page 4)



Huntington

J. A. Ferrell, retired employee in the Point Pleasant area, was elected president of the Mason County Farm Bureau.

T. G. Allen, Point Pleasant Area, was the West Virginia winner of the December "Brainbuster Contest" sponsored by G&W Electric Specialty Company.

For 15-Year-Old

Scout Craft Turns Profitable

What started out as a Girl Scout craft project has turned into a tidy little business for Barbara Sue Winkler.

Two years ago, when she was 13, Barbara became fascinated with a method of making useful and decorative objects out of ordinary containers—things like tin cans, bottles, milk cartons, and the like. The idea was to turn them into candle holders, flower planters, and wastebaskets, and make it appear that they are made of wood.

For example, if Barbara wants to make a planter with the shape and texture of a log, she starts with some discarded oil cans. She arranges them in the desired form, adds some wide-mouth jars that will ultimately hold the plants. The spaces between and around these objects she fills with newspaper, and then applies a thick coat of plaster of paris.

Just before the plaster is dry, Barbara scores it with an ordinary kitchen fork to leave it with the

look of wood grain. Later, when it is thoroughly dry, she applies coat after coat of varnish with additives to give the piece the particular color she wants. And that's all: a useful item and a conversation piece in any home.

Around Christmas Barbara found herself swamped with orders from her friends for these planters, to be used as gifts. The Girl Scout craft turned into a Christmas business that brought in \$50 in revenue.

She is the daughter of B. V. Winkler, Huntington division survey crew.



Barbara Sue Winkler displays a flower planter, left, and a wastebasket she made. Originally a Girl Scout craft, this skill later became a hobby, and last Christmas a business.



Living Gift

The Huntington Public Library has been enriched by three books, a gift by the Religious Book Store of Huntington in the name of Appalachian. The gesture was made by the store's owners in appreciation for the use of the company's auditorium in the past few years for the store's annual workshop. Above, Mrs. Katherine Sanford, the store's owner, shows B. W. Hunt, Jr. copies of the books she gave to the library: "Family Living In The Bible," "Dreams Are For Tomorrow," and "6,000 Years of the Bible." Mr. Hunt, Huntington accounting department, is responsible for scheduling activities in the auditorium.



Safety Pledge

First item of business in the new year for Charleston division employees was a review of their safety record for the past year and a plan for an even better one in 1965. Early in January, safety meetings were scheduled all over the division for every employee. Each person in attendance was given a card suitable for carrying in a billfold, bearing a safety pledge, which they were asked to sign. The pledge reads: "Recognizing that life, liberty, and the pursuit of happiness go hand in hand with safety and well being, and realizing that safety is primarily a job of individual responsibility, I therefore pledge, each day, to commit myself, and to influence others, to make safety a way of life." Above are J. J. Fain, meter man, Hazel Sampson, commercial, and Pat Cummings, personnel.



Loser Serves

Apron-clad R. S. Musgrave, Huntington's commercial manager, serves breakfast to A. R. Neal, Jr. as the result of a friendly wager. It started when Mr. Musgrave said he didn't think Mr. Neal's T&D department would make its quota of 29 dusk-to-dawn light sales. As the photo shows, Mr. Neal made his quota (actually 36 sales) and Mr. Musgrave kept his part of the bargain by serving breakfast to Mr. Neal in his office.

Three System Department Men Mark 35th Anniversaries

Three men from three different system departments celebrated their 35th anniversaries with the company last month. They are V. W. Brust, system station; S. L. Hopper, system accounting, and J. H. Quillen, system real estate and right-of-way.

Mr. Brust

Mr. Brust is supervising Doble test engineer. He joined Appalachian in January 1930 as electrician's helper at Cabin Creek. For the next seven years he worked as substation operator, hydro plant operator, storekeeper, and carrier maintenance engineer. In 1937 he was promoted to Doble test engineer, and pioneered much of the work in that field, notably in transformers. He has published a number of articles in the trade press. He lists gun-collecting and model railroading as his hobby. He and his wife have a son and a married daughter.



Mr. Brust

Mr. Hopper

Mr. Hopper is presently assistant stores accounting supervisor in system accounting. He started out three decades ago as a messenger in the same department, and has



Mr. Hopper



Mr. Quillen

spent all of his company career in stores accounting. He is a member of Belmont Christian Church, the Knights of Pythias, and D. O. K. K. He and his wife live in Salem, and are the parents of two daughters and a son.

Mr. Quillen

Mr. Quillen began his career with Appalachian on January 4, 1930 in the Williamson accounting office. In 1942 he transferred to Kingsport Utilities, Incorporated, now Kingsport Power Company, as cost engineer. In 1948 he returned to Appalachian in Abingdon as district right-of-way agent. In 1960 he joined the real estate and right-of-way department as system right-of-way agent, securing transmission line rights-of-way over the entire Appalachian area. With his wife he makes his home near Abingdon where he enjoys working around his house and garden. He is a member of the Masonic Order. His hobbies are hunting and fishing. Mr. Quillen and his wife have one son and two grandchildren.

Service Anniversaries



Robert S. Hylton
30 Years
Pulaski



John T. Bunton
30 Years
Clinch River



Wyatt H. Jones
25 Years
Charleston



C. E. Gibson
25 Years
System



O. G. Ellis
20 Years
Cabin Creek



W. B. Sprinkle
20 Years
Glen Lyn



J. C. Keatley
20 Years
Glen Lyn



George W. Stone
20 Years
Lynchburg

AEP System's Year In Review

With a new mark of 36.22 billion kilowatthours of energy sold, the American Electric Power System experienced in 1964 still another of its record-breaking years.

Along with the new high in energy sales, which represented an increase of 8.9% over those of the preceding year, went a corresponding increase in total revenues. Revenues for 1964 reached \$419 million, an increase of 6.3% over the mark of \$394.1 million set in 1963.

Earnings, the ultimate touchstone of the System's performance, reached the \$75-million mark for the first time in the System's history, and earnings per share rose to \$1.66. Both figures are increases of 8% over 1963.

In the sale of energy, gains were registered over the entire spectrum of the System's types of customers. A large factor in these gains was the System's adoption during 1964 of reductions totaling more than \$3.7 million per year. These reductions included changes in certain residential, school, commercial, and industrial rates. A special feature of the new rates was the provision of a bottom step of 1c per kwh for residential use over 3,000 kwh a month.

New Rates

These new rates immediately spurred the growing acceptance of the Total-Electric concept by our customers. More than 9,400 electric heating installations were added to System lines in 1964—the largest one-year total yet achieved. All told, the System has 49,000 customers heating their homes and apartments electrically.

Significantly, these additions represented a penetration of almost 41% of the new home market in our service area—and also a big boost in conversions, with over 2,950 customers switching from fossil fuels to electric heating during the year.

The more than 9,400 new installations include 1,624 electrically heated apartment units—a figure more than double that of 1963 and representing some 62% of all apartments completed in the System's territory the past 12 months.

Average annual usage of electricity by the System's residential customers rose again last year—this time to 5,188 kwh. This was 288 kwh above the average use on the System last year and 488 kwh better than the estimated U. S. average in 1964.

Sales

Sales of electricity to the System's commercial customers also made substantial gains, and in the industrial field, the AEP System achieved a new high of 20.23 billion kwh in sales of energy to its industrial customers. It thus became the first investor-owned utility to reach the 20 billion kwh level in this sales category.

In March, the AEP System announced that it would invest \$1 billion in construction and modernization of facilities in the next seven years. This includes an estimated 5 million kilowatts of new generating capacity and the necessary transmission and distribution facilities to put this power to use.

In 1964, the System invested almost \$90 million in the construction of power stations, transmission and distribution lines and substations, and in land, buildings and equipment.

At the end of the year, the System had a total generating capability of 7,829,000 kw. This was the largest one-year increase since 1960 in terms of both size (781,000 kw) and percentage (11%) over total capacity at the end of the preceding year.

The largest portion of the added capacity came into being with the commercial operation on July 1 of the new 600,000-kw Tanners Creek Plant Unit 4, the System's largest generating unit and the largest supercritical generating unit in the world.

Tanners Creek

Another portion of this added capability was gained by the release to the System of 272,000 kw by the Ohio Valley Electric Corporation which supplies electricity to the U. S. Atomic Energy Commission. The AEC cut back its production of uranium at its Portsmouth, Ohio, plant, and the power thus released was divided among the 15 investor-owned utilities which sponsor OVEC.

Construction is expected to be completed this year on Appalachian Power Company's Smith Mountain Pumped-Storage and Hydroelectric Development. Testing of the first of the Smith Mountain Dam's four generating units was undertaken in December. This unit, one of two reversible pump units, underwent pumping tests in January. Smith Mountain Dam, the larger of the two in the development, will have a capacity of 440,000 kw. Its companion dam, Leesville, is already producing 15,000 kw and will generate at its full 40,000-kw capacity when the pool between the dams has been filled. The project is located on the Roanoke River in Virginia.

Intensive engineering studies carried on for the past two years on Appalachian Power's second pumped-storage hydro development—Blue Ridge—show the project capable of supporting much greater capacity than was originally supposed. Compared with an original estimate of 400,000 kw, similar in size to Smith Mountain, these studies have shown that an ultimate capacity of 980,000 kw is possible. Accordingly, Appalachian last month filed with the State Corporation Commission of Virginia for a state license to construct the project and will presently file for the necessary FPC construction license.

Interconnection

Expansion of the System's backbone transmission network and strengthening of its interconnections with neighboring utilities continued during 1964.

To transmit the power generated by Tanners Creek Unit 4, a 110-mile, 345,000-volt line and a 35-mile, 138,000-volt line were placed in service in Indiana. Also in Indiana, a new 345,000-volt interconnection was established with Northern Indiana Public Service Company, our 44th major interconnection with 19 neighboring utility systems.

Three more extra-high voltage interconnections are under construction and negotiations are virtually completed for two more extra-high-voltage and two high-voltage ties. These links include a 345,000-volt tie with Duquesne Light Company of Pittsburgh and two 500,000-volt ties—our first at this voltage, one with Allegheny Power System, serving the Pennsylvania-Maryland-Virginia area, and the other with Virginia Electric and Power Company.

In the area of research and development the AEP System in 1964 continued its close survey of progress in the field of nuclear energy.

SCBR Work

During the year, East Central Nuclear Group, with The Babcock & Wilcox Company, continued to carry out development work on a steam-cooled breeder reactor (SCBR). A preliminary study of a 1-million-kw SCBR generating plant which was completed in the Spring of 1964 indicated that such a station could be built, if the reactor were successfully developed, at a capital cost roughly equal to that for the most advanced of our present coal-fired plants. The study also indicated that, if the reactor were successfully developed, then the total SCBR energy costs might be competitive at any location on the AEP System with a coal-fired plant.

However, offsetting these very encouraging study results, preliminary work in reactor physics analysis pointed to several basic obstacles to achieving satisfactory fuel-cycle performance. To investigate these problems further and to determine whether actual experimental work on the SCBR is warranted, a one-year, \$700,000 study program was announced by NCNG and B&W in August. Results of the work will not be available until mid-year.

In the study of magnetohydrodynamics (MHD), important progress was made in 1964. These were in the areas of (1) development of a simplified superconducting magnet design; (2) a complete design and cost estimate for a 30,000-kw experimental MHD plant; and (3) significant improvements in the design and indicated economic performance of a projected 550,000-kw MHD plant.

MHD Plant

After five years of work, research on MHD has reached the point where further development of the process must proceed on a larger-scale, experimental basis—the construction and operation of a 30,000-kw experimental MHD plant. A number of the companies sponsoring this research have committed themselves to raising the money for this plant during 1965, and, if they are successful, this will permit initiation of a major effort on the financing of the experimental plant to start in 1966.

Among the year's most significant events was the placing in initial operation of the AEP System Computer Center at Canton. Probably the most advanced and diverse application of its kind in the electric power industry the Center will be in full operation this year.

This electronic nerve center for the System has two principal functions: it automatically controls economic power dispatching and load frequency and handles customer billing and accounting, inventory control, engineering and management data, and other information services.

Microwave Network

An important feature of the Computer Center is the 1,700-mile microwave network which ties it to the System's two other major operating headquarters—Roanoke and Fort Wayne—and to its 15 principal power plants. This network consists of 78 terminal and repeater stations, has a capacity of 300 voice channels, and can transmit data at the rate of 15,000 characters per second.

During the last week in November, the System announced that it had entered into area coordination agreements with groups of companies to the east and to the west of the system.

One of these new power pools is the Mid-America Interpool Network (MAIN), the largest power-pooling network in the U. S. The companies which make up MAIN have a 10-state service area for which they will formally plan and coordinate power supplies under the new arrangement. MAIN's members now have a generating capability of about 27-million kw. This is expected to reach 70-million kw by 1980.

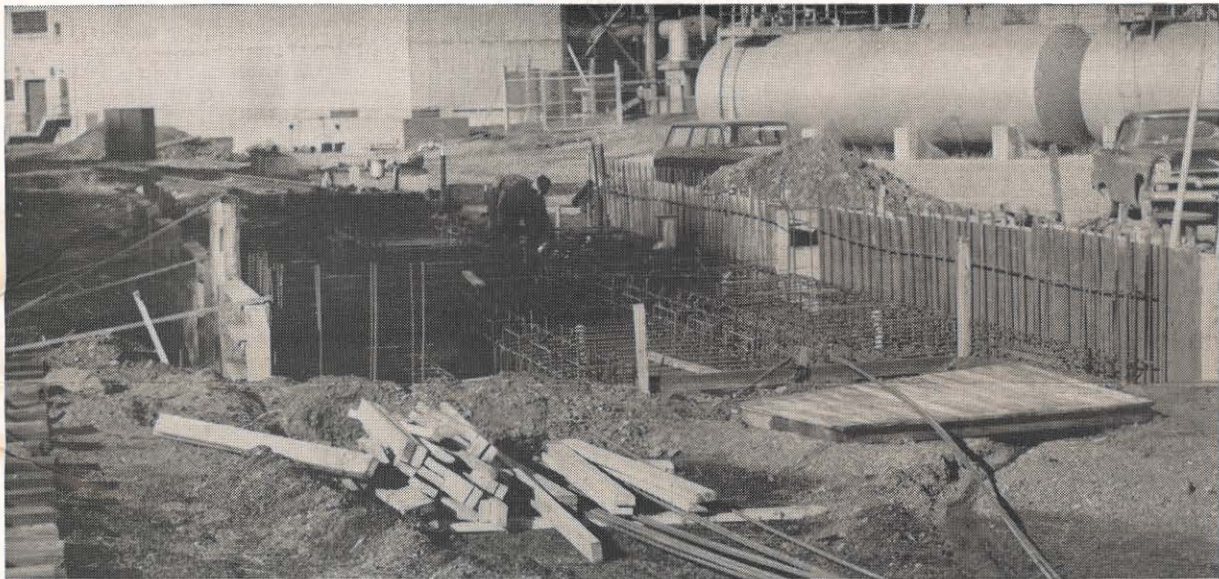
The second of these pools is CAPCO, the Central Area Power Coordination Group. Its 11 companies serve in seven states and have a combined capacity of 17.9 million kw. CAPCO will serve principally as an operating and planning organization to promote the benefits of interconnected operations between companies and coordinated planning of generation facilities.



Camera Roundup



Ten retired employees were guests at the Bluefield division supervisors' meeting last month. Front row, from left, Henry W. Walk, Otto Bressler, Armistead Wellford, Jr., Paul E. Hilliard, and Jack L. Saunders. In the back row are Benjamin E. Bates, Warren Brooks, James P. Gills, Larry Dunn, and E. E. Sprinkle.



Work is in progress on a new car thawing shed at Glen Lyn plant. Shown here is the foundation of the structure. It will require about 100 cubic yards of concrete and eight tons of reinforcing steel. Frozen carloads of coal will be thawed here to facilitate dumping.



Employee groups in two locations chose officers for the coming year. In the top picture are the leaders of the Clinchers of Clinch River plant: Jeane Sykes, treasurer; Alvie Napier, vice president; Frank Barr, president, and Wilmer Grubb, secretary. At the bottom are officers of the Bluefield Girls' Service Club: Lois Ruonion, president; Mildred H. Bishop, vice president; Frances Lester, secretary, and Mildred G. Bishop, treasurer.



J. R. Crump, line foreman in Point Pleasant, was a big winner in a puzzle contest sponsored by a soap manufacturer. His prize was this \$900 stereo hi-fi phonograph-radio-color TV home entertainment center.



Roanoke's data processing machine room had two visitors last month, who came in at the same time as new equipment. These two birds perched and flew for a few minutes until they were shooed out with the help of a broom.



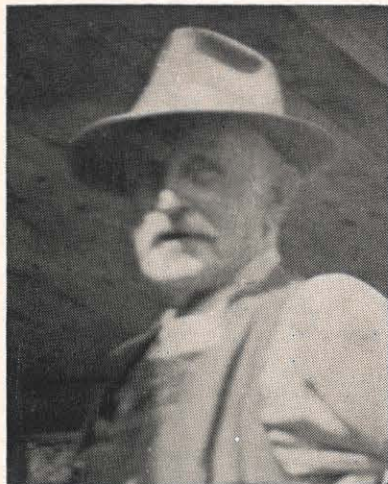
Brownwood station, near Beckley, has suffered damage in the past when rocks from the cliff above it loosened after freezing and thawing and rolled down into the structure. It won't happen again, hopefully, thanks to this barricade designed by the engineering group, and installed by L. C. Mollohan's station crew.



Remodeling work continues in the Charleston office building. Here, illuminated by new ceiling lighting, men lay a new surface on the second floor. New air conditioning equipment and new elevator are about ready for use, and the lobby remodeling and lighting are approaching completion. Estimated completion date for the job is March 1.



Two dissimilar electrically-heated jobs were reported from opposite ends of our properties last month. At the top is an electrically-heated pony barn in the Hazard division of Kentucky, and at the bottom is the first total-electric golf club facility in the Lynchburg division, the Colonial Hills Golf and Country Club. The barn belongs to Dr. Ross Acker, who raises ponies as a hobby, and whose own home, with 4½ tons of heat pumps, is total-electric. The golf club has resistance heating, air conditioning, cooking, irrigation and water heating, all done electrically.



Mr. Holdren

H. G. Holdren, 92, Plant Retiree, Dies

Horace G. Holdren, 92, retired employee of the Glen Lyn plant died on December 17, at the home of his daughter following an extended illness. Mr. Holdren was employed at the plant November 27, 1919 and worked as a water tender and boiler operator until his retirement January 15, 1941.

He is survived by three sons and two daughters.

C. M. Smith Dies After Short Illness



Mr. Smith

Collett M. Smith, T&D clerk, in St. Albans area office, died January 23, after a short illness. He was 63.

Mr. Smith had worked almost 38 years continuously, and had five years' broken service, as well, with the company. He had worked in various capacities in the T&D department.

He was a member of Charleston Masonic Lodge, American Legion and was a veteran of World War II. He is survived by his widow, two sons, three daughters and one sister.

The funeral service was conducted at Wilson Funeral Home in Charleston January 27, with the Elder Obed Cline officiating. Burial was in Spring Hill Cemetery.

Familiar Faces IN NEW PLACES

Appalachian Power Company

Abingdon Division

T. J. OVERBAY from lineman A to area serviceman; H. M. JONES from meter serviceman A to area serviceman; H. S. TAYLOR from meter serviceman A to area serviceman.

Charleston Division

WILLIAM HERBERT BARKER from lineman B to lineman A; BILLY ANGELO from station man C to station man B; GLEN R. YOUNG from lineman A to area serviceman; CLAUDE YOUNG from lineman B to lineman A.

Cabin Creek Plant

TEMA RAE WILLIAMS from clerk-typist to clerk-stenographer; J. D. ARTHUR from laborer to results maintenance helper.

Lynchburg Division

WILLIAM DAVIS from janitor to head janitor; T. R. BURLEY from groundman to lineman C.

Pulaski Division

S. C. WEATHERMAN from pre-audit clerk, division accounting, to T&D clerk, senior, division T&D; G. R. SMITH, JR., from lineman C to T&D clerk, senior.

Roanoke Division

CAROLYN S. BECKNER from clerk, trainee to contract clerk; J. O. BOWLING, JR., from station man C to station man B; J. E. FITZGERALD from groundman to truck driver-groundman; JUDITH R. LAMKIN from petty cash clerk to contract clerk; L. A. STONE, JR., from contract clerk to utility clerk; DOROTHY B. VIA from clerk, trainee to contract clerk; W. RALPH NAFF from dealer sales representative, division commercial, Fieldale to dealer sales representative, division commercial, Roanoke.

System

I. L. R. SPANGLER from PBX operator, senior, division accounting, to general office transportation clerk, system transportation department; M. K. HAYNES from system station operator C to system station operator B; W. F. MOORE from system station operator C to system station operator B.

Kentucky Power Company

Big Sandy Plant

BARBARA N. BURTON from clerk-typist to clerk-stenographer; WILLIAM T. McKINNEY from maintenance man to master maintenance man; RAYMOND R. STEIN from laborer to yard helper; PRYCE MALONEY, JR., from yard helper to maintenance helper.

Ashland Division

CHARLES L. STAYTON from assistant division office supervisor, local accounting department to administrative assistant B, system accounting department.

Fifty-Six Proposals Win Electrobucks For Authors

Work Simplification proposals submitted during the last quarter of 1964 brought the total for the year to 203, five per cent better than the 1963 level of ideas. The quarterly total was 56 ideas.

All of those ideas, by the fact of their acceptance, were worth 15 Electrobucks each to their authors, and possibly more. Under the terms of an incentive plan adopted last fall, accepted ideas win 15 Electrobucks, and the best ideas in each quarter can win 50 more Electrobucks. Details of this program were announced in the October issue of THE ILLUMINATOR.

Submitting accepted proposals during the last quarter were these employees (names marked with (*) submitted more than one proposal):

Plants

Cabin Creek—C. H. Feiszli

Glen Lyn—J. H. Litt, R. K. McClaugherty, E. V. Harriss, R. B. Comer, O. T. Hayner, L. E. McKenzie, E. E. Medley, R. M. Brown(*), R. B. Ratliff, H. H. Reed

Clinch River—W. A. Griswold, D. D. Campbell, E. D. Buskirk (*), C. R. Crumbaker

Philip Sporn—R. M. Cooke, W. L. Dudding, John E. Ord, E. H. Gloss (*), T. W. Abolin, B. R. Vance, John Werry (*), Earl M. Rottgen, R. E. Smith(*), W. R. Hayes(*), R. E. Herndon, A. N. Howard, Paul Huber, A. H. Hart, Harry Hoffman

Divisions

Pulaski—William Hulme, K. M. Sharp, H. B. Newland

Bluefield—M. M. Yost, McKinley Cornett, William P. Horton

Logan-Williamson—R. D. Blewins, L. J. Pfost, G. J. Crawford, E. A. Stone, Jerry Akers, Bernard Curry, G. W. LeGrande (*)

Huntington—T. R. Templeton

Lynchburg—J. O. Franklin, R. D. Curtis

Abingdon—J. J. White, J. G. Leonard, D. C. Landreth, W. L. Smythers

Charleston—J. P. Hughes, H. K. Shubdue, R. R. Griffith, Delbert F. Boggess

System

System Transmission & Distribution—Wayne E. Webb, R. W. Sheaff

System Accounting—M. G. Overstreet



D. C. Kennedy, Roanoke division manager, presents trophies to Roanoke's Meter team, which won top honors in an Appalachian invitational bowling tournament. From left are Wayne Webb, Billy Mills, James Loving, Dave Crickenberger, and Bill Houchins.

Meter Wins Roll-Off And New Appalachian Tourney

Teams from Virginia, West Virginia and Tennessee met in Roanoke recently for the first annual Appalachian Power Company Invitational Bowling Team Championship tourney, and Roanoke entries won all the marbles.

Taking part were employees on 11 Roanoke, four Bluefield, two Glen Lyn, two Blue Ridge, one Fieldale and one Kingsport teams.

Roanoke's Meter team defeated Roanoke's Load Coordinators in a three-game roll-off after they had tied at the end of regulation, 3004 each. In the roll-off, Meter had 2963, Load Coordinators 2919.

Individual scratch honors went to Elmer Haga, Roanoke Stores, for a 233 game and to Billy Mills, Roanoke Meter, for a 610 set.

Two Youths Active In New Cage Loop

Sons of two Logan employees are taking part in a new basketball endeavor in the town, the Buddy Basketball League.

Eligible for the league are boys 11 to 13 years old. Glenn Garrett, son of Harold Garrett, T&D, plays guard for Baisden, and John Collins, son of Howard J. Collins, personnel, plays guard for C&O.

The league was introduced to the community recently in a 10-minute exhibition at half time of a local high school game in the Logan Fieldhouse.



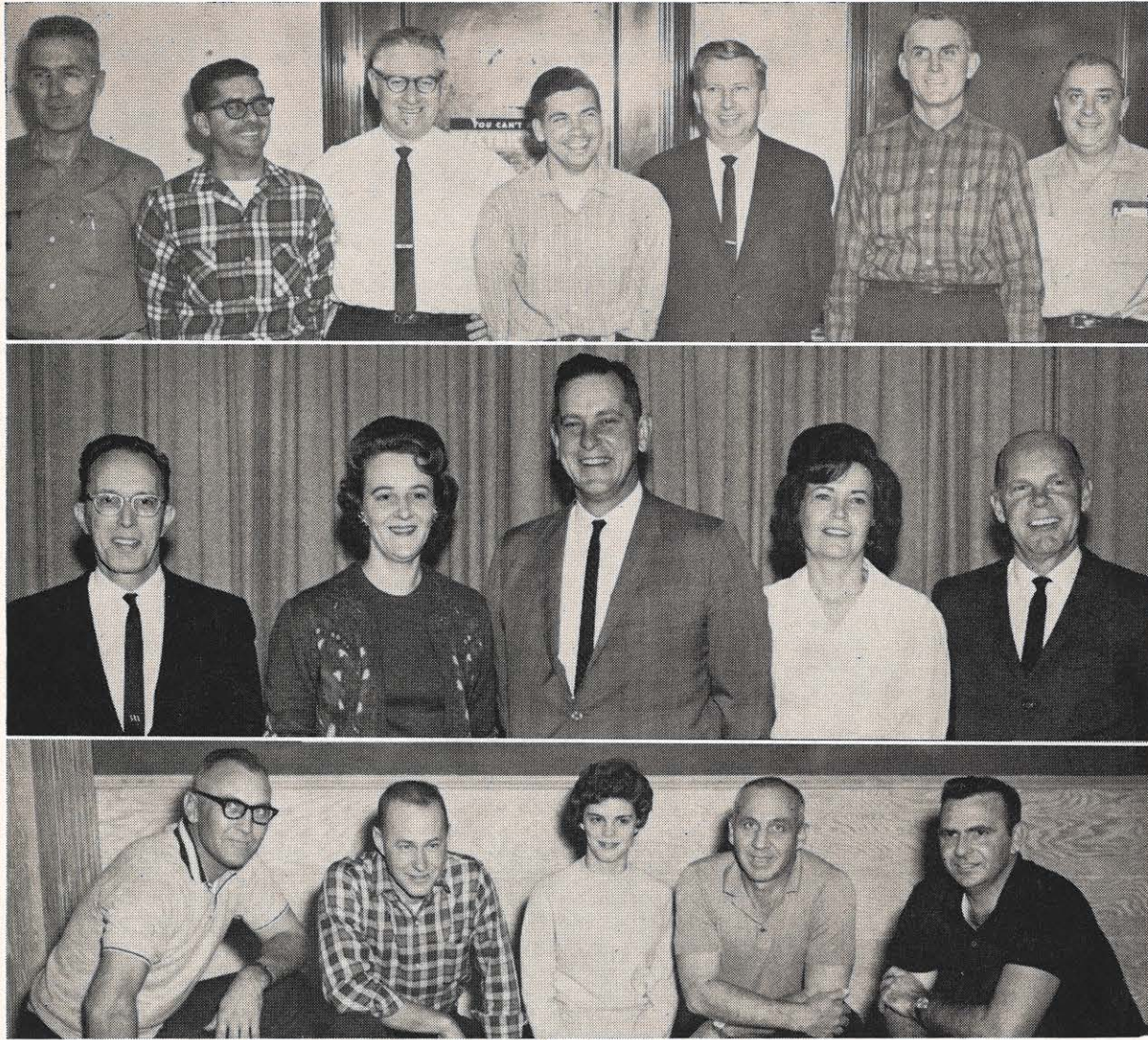
Successful Hunters

Three more Appalachian employees have recorded successes on recent deer hunting trips. At top, Everette Carrico, Logan-Williamson line foreman, is shown with a 180-pound, 8-point buck he killed near his Camp Broken-Back in Pocahontas County. At bottom, two Glen Lyn employees continued their hunting success. O. J. Whittaker, left, got a 10-point, 150-pound buck, the 11th season he has gotten one. Bobby A. Clemons made it 12 seasons with his 9-point, 140-pound buck. Mr. Whittaker is auxiliary equipment operator and Mr. Clemons utility man.



Electrobucks For Idea

Roger Fairfield, right, receives electrobucks from P. H. Steenberg, Sr. as the first employee in the Charleston division to submit an acceptable Work Simplification idea under the new incentive program. Mr. Fairfield's proposal was to use a spiral plastic vibration damper in place of dampers previously used in line construction.



TOP: Members of the Pikeville team in the city league are from left: Corbin Bobbitt, James Skiles, R. H. Flynn, James Hopson, W. W. Zoellers, R. B. Weddle, and Bill Barnett. Chester Smith was not present. MIDDLE: The Comies won the first half at Huntington. Team members are from left: Milt Cole, Jean Harbour, Paul Baker, Dorcas Lindsey and Mont Huffman. BOTTOM: At Charleston, the Line Tamers won. Team members are from left: Curt Willis, Herb Hill, Rosalie Ranson, Everett Sparr, and Steve Carpenter. Not pictured are Leland Price and Marl Prowse.

Close Races Predominate In Bowling Leagues

Four company bowling leagues have crowned first half champions in three close races and one run-away, and Pikeville division took top honors in the community's Troublemakers League.

By virtue of winning in their 10-team league, Pikeville assured itself of a chance at the season championship in a roll-off that will follow the regular season. The team ran up a 52-20 record in taking first place.

Corbin Bobbitt, captain, led his team with a 173 average and high set of 598. Other members include Bill Barnett, James Hopson, Chester Smith, W. W. Zoellers, James Skiles, Robert H. Flynn, and Robert Weddle.

Runaway

In company leagues, the only run-away was in Huntington, where the Comies captured 84 points, with the Hot Dogs in second with 71 points. Mont Huffman has high average of 176, John Donathan has high single of 234, and Chris Connelly and J. O. Triplett are tied for high series with 597.

For the ladies, Dorcas Lindsey has high single of 211 and high series of 528. The Etc.'s have high

team single of 1068 and the Buzz Bars have high team series of 3073.

A one-half game edge gave the Line Tamers the Charleston Kilowatt Bowling League first half crown over the Live Wires.

Jack Jarrett has high average of 167, while Fred Clendenin has 241 actual and 284 handicap for high games. Steve Carpenter posted a 586 actual and 700 handicap for high series.

Chris Mitchell leads the ladies with a 147 average, 212 game, 506 series, and 254 handicap single. Hilda Zontini has high handicap series of 639.

Good Finish

Entering the final three games of the first half with a shaky half game lead, Distribution took two from the Computers to sew up the first half of the Roanoke Bowling League.

Among honors, Bill Sheaff of Meter has high average of 182, and Kenny Hern of Smith Mountain has high game of 256 and high set of 670. Smith Mountain has high team game of 967 and Local Office has high team set of 2755.

Finally, a one-game edge gave

the Gems the first half title in the Megawatt Bowling League at Kanawha River Plant. They beat out the Hustlers.

John Blair has high average of 184 and high single of 278, while Wiley Gwinn has high series of 637. For the women, Jeanne Sheets has high average of 154 and Madge Walker has high single of 211 and high series of 530.

"Hunt Till I Die," Is Lynchburg Man's Goal

"I have been hunting all my life and I hope to be able to hunt until the day I die," says B. C. Cook, and that sums up his feelings about the sport that attracts thousands to the fields and woods each year.

Mr. Cook recalls that when he was a small boy, his one ambition in life was to reach his 12th birthday. His parents told him on that day he would get his first gun and would be allowed in the field to hunt under supervision. He soon learned the rules of safety and sportsmanship, because no punishment could be any harsher than having to give up his birthday present, a new .22 rifle.

In those days, there were no hunting seasons, so Mr. Cook took advantage of the opportunity and hunted rabbits and squirrels throughout the year. After three years, he tired of rabbits and squirrels and turned his thoughts to other game. Cook soon heard of a boy who had a shotgun, so boy like, he "gathered up some of his prize possessions" and soon a trade was made.

Cook recalls, "Thinking back on those wonderful days, I am positive I have been kicked off more farms in Albemarle County than any other person."

Attraction

What is it that attracts him to hunting? "That is a good question. One of the national sportsman's magazines asked the same question in a recent publication and would give a \$500 prize for the best answer. I guess there are thousands of reasons for hunting, but one reason I have is because I like to get out in the open and watch the dogs run. Game isn't everything;

Survey: Things Are Looking Up On The Home Front Among So-Called "Widows"

Feeling guilty about bowling one or two nights a week? Afraid to look back when you walk out of the door to another night of league play?

It may be unnecessary. You may be punishing yourself needlessly.

At least, that is what a random survey of bowling widows of Clinch River plant employees shows.

An enterprising reporter had heard about all he wanted of bowling widows, sports widows, golf widows and lodge widows, so he decided to find out himself. He talked to several wives of employees who bowl in the plant's Clinchers league.

He found, with almost no exception, that wives not only didn't mind their husbands bowling, they encouraged them to because they either felt the husbands needed the recreation, or that it was a good chance for the wife to get things done around the house without having to ask hubby to "lift his feet," or that it was a good opportunity to relax themselves.

For example, Mrs. Geneva Munsey, wife of George Munsey, utility man, says "I have absolutely no

objection to my husband participating. It gives me a good chance to do absolutely nothing."

Mrs. Violet Browning, wife of Clarence Browning, maintenance man, liked the idea of her husband having one night out a week with the boys, and "Since the baby, I don't mind at all."

"I attend Eastern Star one Monday evening a month, and the other Monday evenings give me a good chance, to get a lot of things done around the house while my husband bowls," Mrs. Judy Barnette says. She is the wife of Richard Barnette, utility operator.

Mrs. Marlene Rookstool, wife of Albert Rookstool, equipment operator, is enthusiastic, saying "It just suits me fine; whatever he enjoys is okay with me. Sometimes a group of us girls get together and watch the men bowl; when we don't do that, I enjoy sewing at home. It gives me a chance to get caught up."

But men, there's one thing more. Every woman interviewed admitted that they missed her husband that night, and that "absence—to some degree—may make the heart grow fonder."



Club Officials

New officials of Sleepy Hollow Sportsman Club, shown here, are George Burns, president; Tom Grinstead, vice president; Rome Williamson, secretary, and Charles Haley, treasurer. The club, organized some years ago by Sporn plant employees, now has developed a fishing lake and recreational area near the plant for use by its members. About 150 plant employees belong to the club.



Members of Distribution, Roanoke winner, are, front row: P. H. Lynch and K. K. Hubbard; back row: Gene French, A. L. Stebar, and J. W. Faucette.



Mr. Cook and some of his hunting trophies, prizes of a lifelong hobby.

Logan Brings All-Electric Concept Downtown

There are all-electric homes and all-electric apartments and all-electric stores and banks, but in Logan, they've gone a step farther. There they're working on an all-electric downtown.

In 1956, when Appalachian began intensively promoting the all-electric concept, there was only one electrically-heated business in Logan's downtown, and that was Appalachian's own office, which had a heat pump.

Today, the half-square-mile area has some 500 tons of heat pumps either installed or in process of installation, and over 300-kw of resistance heating. Ralph Johnson, Logan-Williamson division commercial manager says, referring to this density, "this probably can't be matched anywhere in the United States."

E. P. Hager, commercial sales engineer for the division, spelled out some of the reasons for the business community's acceptance of electric heating and cooling in a speech before the AEP Managers Meeting in Wheeling last November.

Logan, seven years ago, was an unlikely prospect for an all-electric downtown. Though Logan County is a leading producer of bituminous coal, it had suffered economic setbacks and population decline because

of declining coal mine employment and markets. Since 1957 Logan itself has suffered severe fire losses and flood damage.

It was in this climate that "Operation Main Street," a slide presentation urging commercial modernization and remodeling, was shown. Every merchant in the downtown area saw it, and, says Mr. Hager, the program served as the pump-primer for the wave of activity that followed. Logan is on the move.

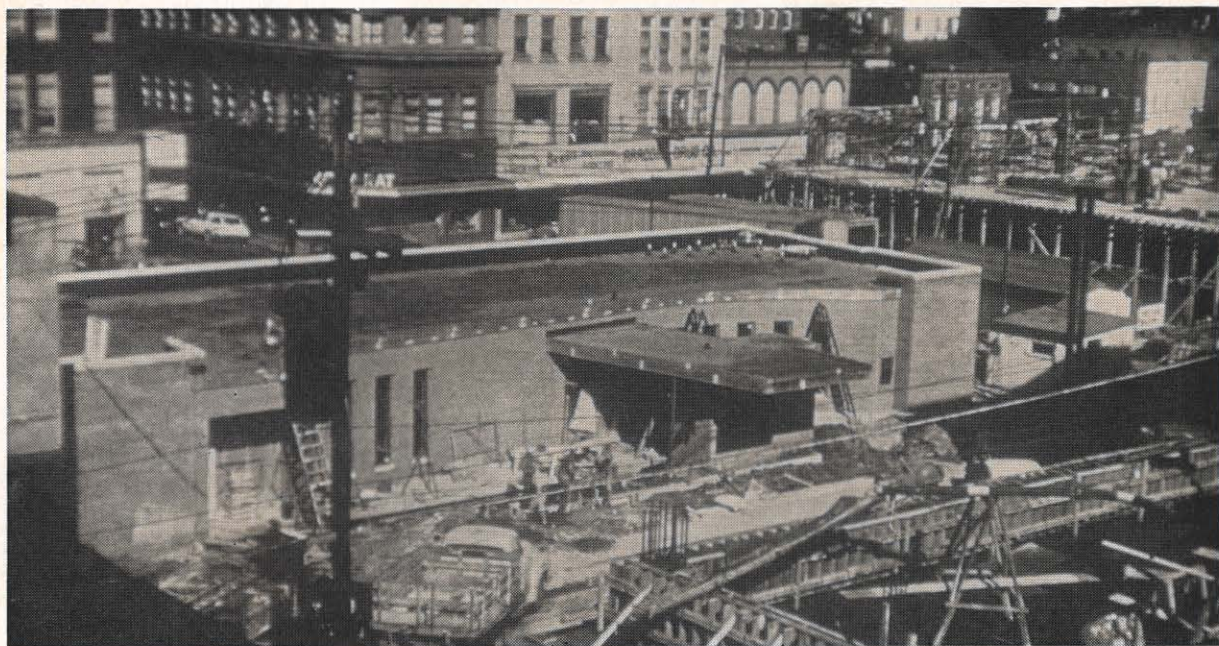
\$3.5-Million

Mr. Hager said new construction in the downtown area, all total-electric, currently amounts to \$3.5-million. The buildings include a new courthouse, a newly-organized bank, and a city parking garage. But conversion of existing businesses to total-electric make up the bulk of the load. They include a leading department store, a locally-owned building housing the Social Security offices, a restaurant, a first-floor dress shop and seven electrically heated apartments upstairs. There are also a 14-unit apartment building, a 29,000-square foot commercial building, a theatre, a drug store, and several offices that have converted to either heat pumps or resistance heat.

The total electric concept is spreading through Logan County. The dressing rooms at Logan County High School stadium are electrically heated. Four schools, with a total enrollment of 2,000 children, are heated with electricity. There is a modern motel among other businesses in the county that are total electric.

Mr. Hager described five major contributing factors which have brought about the acceptance of electric heating.

First, he said, the company's excellent reputation in Logan has created a fertile field for sales. This high public esteem was brought



Logan's intense building activity is partially shown in this picture taken last year. Under construction here are a new all-electric bank in the foreground, the new all-electric courthouse in the right background, and at

lower right, the new municipal parking garage. After fires and floods in recent years, Logan is moving ahead strongly.

Staten Transfers To Canton Post

Edsel D. Staten has been transferred from Appalachian's system accounting department in Roanoke to a new post in the American Electric Power System computer center in Canton.



Mr. Staten

He joined Appalachian in March 1953 in the local accounting office in Huntington, and later moved to the commercial department there. For the first half of 1961 he was an auditor for the Service Corporation auditing accounts in Appalachian. He became methods and procedures analyst in the system accounting office in July 1961, and held that post until his recent move to Canton as senior systems and methods analyst.

Born in West Virginia, Mr. Staten attended Marshall University, and served in the occupation forces in Japan with the Army. He and his wife have two daughters.

Dinner Honors Charleston Vets

Twenty-six veteran Appalachian employees were honored for their years of service at a dinner held January 14.

Five employees who retired during the last six months of 1964 had a collective total of over 179 years of service. The other 21 employees have accumulated 380 years.

Leading the list of old-timers were L. M. Cobbs, division personnel supervisor, with 45 years, and C. L. Mollohan, service foreman, with 40 years.

Those receiving 30-year emblems were Lawrence E. Jones, A. J. Wilkinson and C. E. Martin. J. B. Eplin and Howard Basham earned 25-year pins, and E. R. Young received a 20-year pin. In addition, there were five 15-year employees, four 10-year, and four five-year.

about by service rendered over the years by Appalachian employees.

Mr. Hager paid tribute to the dedicated managers Logan has had through the years. They have set examples which other employees follow. "Many times," Mr. Hager said, "I have made a sales call with the manager by my side helping to close the sale."

Service

The third factor was "a continuing sales program sustained by service," and this has created confidence on the part of customers. Also, the people of Logan were proud of Appalachian employees during the 1963 flood, worst in the city's history, during which electric service was maintained with almost no interruption.

Taking advantage of every available sales technique and sales aid was the next factor. Thorough sales presentations are made to all prospects. Follow-up interest is shown during installation. Prospects are taken to visit other electric heat users. The company participates in open houses. Newspaper and radio advertising is individualized for each installation. Sales presentations are tied in with the "Coal By Wire" theme, showing how the future of the coal business would be affected by acceptance of electric heat.

"Having dealers as allies" was listed as the fifth major factor. When promotion of electric heating began seven years ago, there wasn't a single heating dealer in Logan. Mr. Hager said, "It has been necessary to set up and train dealers to sell the equipment." He said much credit goes to especially enthusiastic dealers who believe in the future of the total electric concept.



With the presentation of another All-Electric Building Award, Appalachian men in Logan are quite happy. R. H. Johnson and Paul Hager, both from the commercial department, are at left; L. A. Capardini is executive vice president and cashier of the new Logan Bank and Trust Company—whose new building brought the award—and George Hervey, division manager, is at right. The bank is one of the many downtown businesses in Logan which have gone all-electric.

Retirement Ends 40-Year Career Of Accounting's Roy Guthrie

A. Roy Guthrie, head of the accounts receivable and control section in the system accounting department retired January 31, with forty years of service.

He was first employed October 18, 1923 by the West Virginia Water & Electric Company, Charleston, West Virginia, as a final bill clerk. He had broken service for six months, and returned to Appalachian July 1, 1926 as cash poster in the main office. He transferred to the Charleston local office in 1928. In September, 1936 he was transferred to Kentucky Power Company as chief clerk, and in 1945 was promoted to local office manager. He moved to Appalachian's Huntington billing office and named assistant billing supervisor in 1947. He was promoted to billing supervisor in October, 1949.

During Appalachian's conversion to EDP, Mr. Guthrie was transferred to the system accounting office in Roanoke. In April, 1958 he was promoted to the job he held at retirement.

Mr. and Mrs. Guthrie are the parents of one daughter, and have two granddaughters. Mr. Guthrie was honored with a party by fellow employees on December 29, 1964 at which time he was presented with gifts. Mr. and Mrs. Guthrie plan to spend some time in Florida following his retirement.



Mr. Guthrie



Mr. Jewell

Huntington Man Retires Early

T. A. Jewell, 36-year veteran in the Point Pleasant area, retired December 1, due to ill health. When Mr. Jewell began his career September 4, 1928, the company was known as the Point Pleasant Water & Light Company. He has worked as lineman, line foreman, groundman, and truck driver-groundman.

Mr. Jewell is a native of New Haven, W. Va.



Appalachian Power Company

- ABINGDON DIVISION—15 YEARS: R. A. SHEFFEY, JR., division engineer.
- CABIN CREEK PLANT—20 YEARS: O. G. ELLIS, assistant control operator.
- CHARLESTON DIVISION—25 YEARS: WYATT H. JONES, lineman. 10 YEARS: WILLIAM H. BOSTIC, draftsman; JAMES R. BRADLEY, groundman.
- CLINCH RIVER PLANT—30 YEARS: JOHN T. BUNTON, plant office supervisor. 10 YEARS: JOHN B. GRIMES, master maintenance man; VIRGIL ADAMS, plant engineer. 5 YEARS: JESSEE D. HACKNEY, results helper; LON R. BREWER, JR., utility operator.
- GLEN LYN PLANT—20 YEARS: J. C. KEATLEY, maintenance mechanic; W. B. SPRINKLE, coal sampler.
- LYNCHBURG DIVISION—20 YEARS: GEORGE W. STONE, JR., engineering aide.
- PHILIP SPORN PLANT—15 YEARS: HOMER R. GORDON, maintenance foreman; RALPH M. ROTTGEN, maintenance foreman; ROBERT M. COOKE, senior test engineer.
- PULASKI DIVISION—30 YEARS: ROBERT S. HYLTON, meter serviceman. 10 YEARS: JAMES R. BOULT, heating and builder sales representative.
- SYSTEM—35 YEARS: V. W. BRUST, system senior station engineer; J. H. QUILLEN, system right of way agent. 25 YEARS: C. E. GIBSON, system right of way agent. 15 YEARS: R. L. HOWERY, system transmission man. 5 YEARS: J. B. FAULKNER, system station man; M. K. HAYNES, system station operator; I. R. GOINS, system station operator.

Kentucky Power Company

- BIG SANDY PLANT—10 YEARS: HAROLD W. JENKS, equipment operator.
- HAZARD DIVISION—15 YEARS: EARL L. SMITH, truck driver groundman.