

A friend is someone who chalks your failures up to the law of averages.

The Illu

Some minds are like concrete: all mixed up and permanently set.

1961 Education Awards Won By Six Youths

Employees' Children Excel In Annual AEP Competition

Six of the fourteen awards of \$500 each presented in the 1961 American Electric Power System Educational Awards Program have been won by children of employees in the Southern Properties.

Four of the awards went to Appalachian entrants and one each to Kentucky and Kingsport competitors. Four of the six are girls.

From Kentucky, the winner was Jane Audrey Matney, daughter of Harry B. Matney, who retired last December as a serviceman in the Louisa area of the Ashland district. This is the fifth consecutive year Kentucky has had a winner.

Kingsport's winner was William Elliott McAlpine, son of Mrs. Bennett McAlpine, senior home service representative.

Appalachian's four winners include Larry Alan Massie, son of James A. Massie, equipment operator at Clinch River plant; Mary Claire Rankin, daughter of Emmett C. Rankin, system supervising station engineer in Roanoke; Linda Kay Hudson, daughter of Lawrence R. Hudson, senior

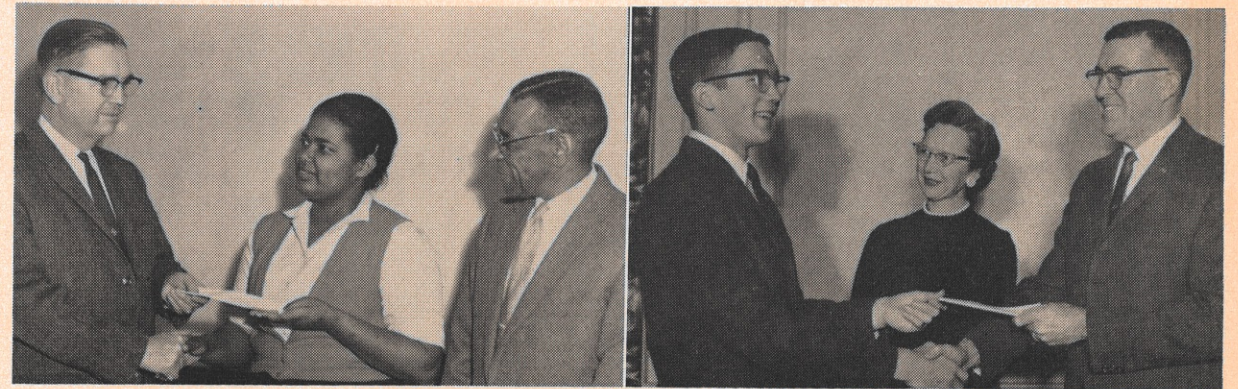
transmission and distribution clerk, Lynchburg district; and Linda Carol Combs, daughter of Walter H. Combs, data processing supervisor in the system office at Roanoke.

These six were among the 154 applicants in the seventh annual AEP System Awards competition, including 48 from Appalachian, 6 from Kentucky and 4 from Kingsport. Judging was based on scores on the Standard College Entrance Board Scholastic Aptitude Test, school records furnished by each contestant's school principal, and additional information furnished by the contestant.

Jane Matney of Louisa, who attends Fort Gay High School at Fort Gay, W. Va., wants to study library science or English literature in college. She has been a library assistant at Fort Gay High School and a member of the Spanish and French Clubs, the Student Council and the freshman basketball team. She ranks second in her class of 50.

William McAlpine, a senior at Dobyns-Bennett High School in Kingsport, is a member of the Kingsport Science Seminar, the Key Club and his church Fellowship organization. His hobbies are football, spelunking (exploring caves) and playing guitar, bass or piano in small "combos".

Larry Massie, Lebanon High School senior, plans to study elec-



Two winners are congratulated. At left, Jane Matney of Ashland district received notification of her award from C. C. Darrah, district manager, as her father, Harry Matney, proudly looks on. At right, W. E. McAlpine of

Kingsport is congratulated by C. J. Bryan, assistant Kingsport general manager. Between them is the youth's mother, Bennett McAlpine, home service representative at Kingsport Utilities.



At a Roanoke luncheon honoring them, the four Appalachian winners talk with R. E. Hodges, Appalachian vice president and general manager. From left are Larry Alan

Massie, Clinch River plant; Linda Kay Hudson, Lynchburg; Mr. Hodges; Mary Claire Rankin, Roanoke system; and Linda Carol Combs, Roanoke system.

Companies Set Record Budgets For Construction

Record sums of money have been budgeted by Appalachian and Kentucky Power for construction during 1961. The third unit at Clinch River plant, and the Smith Mountain Combination Hydro-electric Project account for about \$40-million of Appalachian's \$62½-million, and Kentucky Power's Big Sandy plant construction will take about \$5-million. Kentucky's total budget is \$8.3-million.

Kingsport Utilities will spend about \$500,000 for general improvements.

The American Electric Power System's total construction figure for 1961 is \$116-million, compared with 1960's \$100-million. At the close of the present year, the AEP system will have spent more than \$1.5-billion in capital expenditures in the years since the close of the Second World War.

Clinch River and Smith Mountain will each cost Appalachian about \$20-million this year. The next highest item is \$9.5-million for new distribution facilities and improvements to existing equipment over the two-state system. Six million dollars has been set aside for major line work; the rest of the budget is devoted to substation construction and improvement, and for other building work. The company's 1960 budget was \$39-million.

In Kentucky Power's budget, transmission substations will claim \$804,000; transmission lines, \$450,000; distribution lines, \$1,732,000; distribution substations, \$257,000. Communications and automotive are budgeted for expenditures of \$133,000.

Ohio Power Company will invest \$25-million, and Indiana & Michigan Electric Company \$18-million. Wheeling Electric Company plans to spend \$1.6-million.

Cableway Job Next At Smith Mountain

After months of blasting, digging, and leveling, the Smith Mountain dam is about to start taking shape. As February opened, excavation for the thrust blocks, the huge slabs of concrete that will take the pressure of the dam high up on the mountain side, and for the rest of the line of contact between the dam and the mountain side were nearing completion. The roads, offices, and shops are finished; the concrete plant, tramway, and both ends of the cable-

way operation are ready for use.

Earle Snodgrass, resident engineer at Smith Mountain, said that concrete pouring should start about March 1. Between now and then, however, a coffer dam must be built on one side of the river channel to divert the flow, and the cableway must be strung across Smith Mountain Gap.

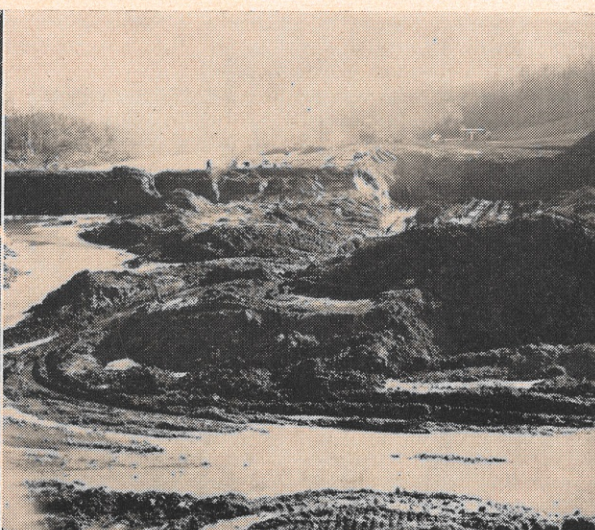
Buckets loaded with concrete will move along this cableway and be emptied into the dam structure. On the north side of the gap, the buckets

will be positioned under the concrete plant, loaded and pulled along a little railway to a point under the cableway; it will be picked up and be pulled along the thick steel cable to the work in progress and dumped. On the south side of the gap the 1,500-foot-long cableway is solidly anchored into a T-shaped cave, braced with angle iron and filled with concrete.

The coffer dam will block one



The concrete mixing plant at Smith Mountain seems to be perched precariously on the edge of the mountain side; but there's room below it for a railway to carry buckets from the plant to the cableway, which in turn will carry the concrete out over the dam. The conveyor belt here



will transport gravel, sand and cement from storage piles to the plant. At right is the inside of the coffer dam built at Leesville. Work on the dam will go on here while the river, background, flows around it to the left. The entire project is to be completed in 1963.

trical engineering when he enters college next fall. Active in school and community affairs, he was selected as the senior "most likely to succeed" and served as treasurer of his home town, Lebanon, during the Boys' State last summer. He was also a delegate to the Student Cooperative Association.

Mary Claire Rankin, a senior at Jefferson Senior High School in Roanoke, intends to obtain a degree in

education to enable her to teach foreign languages on the high school or college level. She is a member of the French and Latin clubs and the school's French newspaper and of the Future Teachers of America and the Junior Classical League. She is principal violist of the Roanoke Youth Symphony Orchestra and has won a number of awards for her musical ability.

(See Education, Page 3)

KUI, Bluefield Win Top Honors For Safety Marks

Kingsport Utilities and Bluefield district shared 1960 Appalachian and American Electric Power System safety honors.

Kingsport, completing its sixth straight year without a disabling injury, won the American Electric Power System division safety contest, and Bluefield was awarded the Vice President's Accident Prevention Award for the best safety record of the year on the Appalachian system.

Bluefield worked the entire year without a single disabling injury, and finished 1960 with 511,638 man-hours without such a mark. The Vice President's Award was made by D. C. Duncan, Appalachian safety director, to W. J. Gillespie, Jr., Bluefield district manager.

Kingsport, with a perfect safety year, won the AEP System Award with a manhour total of 1,374,985. In second place, also with a perfect record, but with a small manhour accumulation, was Appalachian's Logan plant, with 1,130,320 manhours. Since January 1, 1955, when the system contest began, neither Kingsport nor Logan plant have had a disabling injury.

Kentucky Power worked 548,139 manhours since the last disabling injury. That occurred in March 1960 in Ashland, and ended a six-year perfect record of 1,427,917 man-hours. Both Hazard and Pikeville had clean records during the past year, and on December 31 their man-hour accumulations stood at 275,610, and 875,398, respectively. Ashland's total was 164,025.

(See Safety, Page 3)

The Values In Our Lives

We suggest that, before you read the answers to this month's question on this page, you reflect for a moment on how you would answer it.

Then read these seven employees' opinions. Chances are that some of the things they value most, excluding their families, are things you value the most too.

In summary of these answers, six of them value their friends. Five value health, four the opportunity to be able to worship the way they want, four all the freedoms they enjoy in this country of ours, and one each his job and security as a whole.

There is no hidden moral in this. When you get right down to it, the things that we value are not material—they are the things that really make our lives richer. They are things like friends and our health and freedom. They are things whose value is easily overlooked in the hurry-up way of life today.

But whenever we take a moment to reflect, we know. And all of us, like the seven employees on this page, are thankful that we may share in these blessings of a fuller life.

Brotherhood Week February 19-26

They said it, speaking on brotherhood: "As Americans, as fellow human beings, we share a common brotherhood. This does not make our life easy, but it provides the basis for a strong and productive national life. In our land and around the world such a spirit can advance the highest hopes of the family of man."—Dwight D. Eisenhower.

"Whoever degrades another degrades me, and whatever is done or said returns at last to me."—Walt Whitman.

"As I would not be a slave, so I would not be a master. This expresses my idea of democracy. Whatever differs from this, to the extent of the difference, is no democracy."—Abraham Lincoln.

"In a world crippled with doubts, fears and tyrannies, the only hope for the survival of mankind lies in the working practice of understanding, sympathy and brotherhood."—Cornelia Otis Skinner.

"... happily the Government of the United States, which gives to bigotry no sanction, to persecution no assistance, requires only that they who live under its protection, should demean themselves as good citizens."—George Washington.

The Illuminator

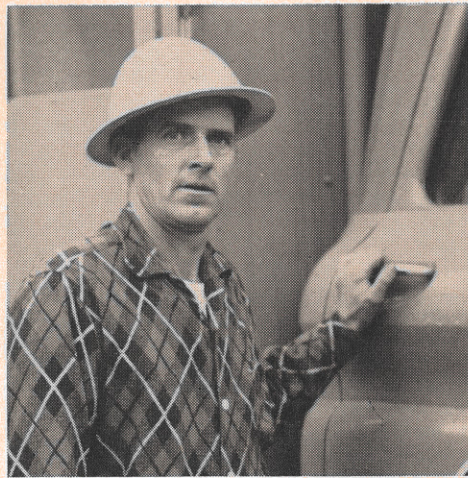
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JAMES T. McREYNOLDS, Truck Driver-Groundman, Pikeville

The three things in life I value most are these: Living in the United States of America, where we have our many freedoms, such as freedom of speech, etc. Where we can express our thoughts and opinions without being prosecuted or persecuted.

Where we are given the opportunity of an education, to prepare ourselves to do better work and to better understand our fellowman. Where we can worship God as we choose.

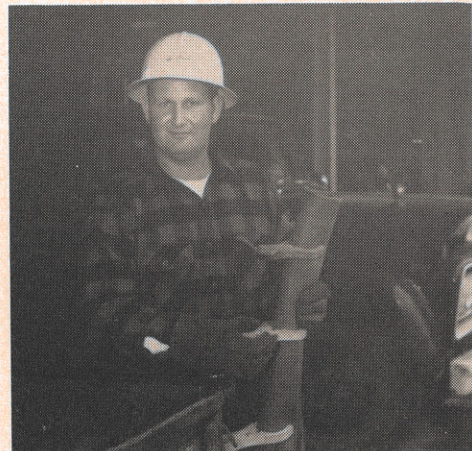
I also value my health, for without good health I would be of little value to myself or others.

And, last but not least, I put great value on true friends, for this life would be a sad one without friends.



LaVEETA PETERS, Maid, Huntington

In my opinion the three most important things in my life outside of my family are religion, health and friends. For with religion one can surely gain peace of mind; without health there is nothing to look forward to from day to day; and friends—well, without them it is impossible to get along because I don't believe anyone can live in solitude and be happy.



R. L. NUTTER, Groundman, Kingsport

I consider good health as one of the most important values in my life. I've been for-

fortunate to have had no serious illness. When one feels well it makes the chores of the day seem lighter and gives those around him a better feeling.

Security is another value in life. It is a comfort to know that in later years you will have something to look forward to and will feel more secure and safe. It also provides assurance and protection for your family.

Most of all—the freedom of religion, a place to worship in the church of my choice. After all, if we didn't have religion to guide us in our daily paths to and from our daily routine, life would be fruitless.



HELEN TROUTMAN, Stenographer, Beckley

Excluding my family from things I value most in life caused me to hesitate a moment and realize the many values and blessings I possess.

First of all, I value my health. The ability to walk, talk, see, and hear is a great blessing that can be more appreciated in our daily contact with so many less fortunate.

My second greatest value is the freedom I possess as an American citizen. To be able to voice my opinion, do the things I like best, and go where I choose is something never to be taken for granted.

My third most valuable possession is friendship. I value the trust and pleasure I share with close friends and the opportunity of meeting new ones.



MARJORIE K. CRAWFORD, Clerk-Stenographer, Cabin Creek Plant

Excluding my family, the three things in life I value most are good health, friends and the freedoms guaranteed by the Constitution of this wonderful country.

Good health is an asset which makes it possible for me to enjoy the privileges and opportunities which abound in this land of freedom.

Without friends life would be empty and drab. Existence in a world without friends is inconceivable because friends contribute so

much to my happiness.

In a country such as ours where I have the right to religious freedom, the right to be free, to vote, to go to school, to travel, to work, and to otherwise enjoy the blessings God has bestowed on this country, my good health, my friends, and my freedom are priceless.



CHESTER L. ROBISON, JR., System Supervising Breaker Engineer, Roanoke

The freedom to worship in the faith of my choice without prejudice or ridicule. In this troubled world of today this freedom should be exercised more than it is. A country without God is like a ship without a rudder.

The democratic form of government in which we have a voice in the governing of this great country of ours through representation. The privilege of voting is important to me in selecting this representation. My status as a citizen allows me to use this privilege regardless of political party, color or creed.

Then, too, I value good health. Without good health many things in life could not be accomplished. Good health lends itself to success, wisdom in making decisions, achieving a goal, and perpetual happiness.



D. G. MERRIMAN, Station Man, Fieldale

I value my job because it provides a livelihood for my family and me and our local ties are very close. Employer and employee have come to feel as close as a family group. As public servants, we individually serve to provide comfort and happiness to our fellowman.

One cannot imagine what life would be without friends. In times of trouble or happiness, true friends are always standing by to offer help or congratulations. One of my greatest ambitions is to be a friend to all.

Through the total program of our church, I have come to place highest value on my personal relationship to God. In carrying out His great commission, one has world-wide fellowship which God intended in the creation.

Employees Are Urged To Take An Active Part In Major Electric Heat Conversion Campaign

Appalachian has launched the first concentrated electric heating campaign in its history.

Working with over 90 Appalachian Reddy Kilowatt Recommended Electric Home Heating Contract Dealers, the company launched the program February 1. It will run for three months and is aimed at converting the heating systems in existing homes in our area to electric heat.

The objective of the program is to get as many or more electric heating conversions in the first six months of 1961 as in the entire year of 1960.

Using the theme of "Switch To Flameless Electric Heat," the Recommended dealers will offer special trade-in inducements to home owners converting to electric heat. Appalachian will work with these dealers in the campaign with promotional aids and with other special help.

Employees are being urged to take an important role in this campaign, and in the future of electric heat. R. E. Hodges, Appalachian vice president and general manager, in speaking on this subject, said:

"For the past several years, our company has been promoting electric heat for the home, and today over 5,000 of our customers have accepted it as the best, most modern way to heat their homes. It is important to note that the average residential customer on our lines who has electric heat in his home uses 18,905 kilowatt-hours a year. The average use for those residential customers who do not have electric heat is 3,569 kwh each. You can see from these figures how important electric heat is to our company and to us in the sale of more electricity."

He continued: "This is important to every employee, because the future of our company determines to a large degree the future of each of us as employees."

"Several months ago, in the Employee Information Program, 'A Job For All Of Us', it was pointed out that there is a great potential in the electric heat market. At that time it was said that if each employee would turn in one bona fide prospect which resulted in an installation of

electric heat our quota would be met easily. This is truly 'a job for all of us'.

"We, as employees and individuals, in our everyday lives have a good opportunity to talk about electric heat to our friends and our neighbors. I feel that it is the responsibility of every one of us to learn more about electric heat, about our company's heating program, and about this campaign going on right now. There is a bright future for electric heat and its growth, and consequently the growth of our company and ourselves."

"I urge each of you now to begin talking to your friends and neighbors about converting their homes to electric heat and also to investigate the special features for employees who convert their homes to electric heat during the campaign."

Bluefield Vet Is Early Retiree



Mr. Woods

James W. Woods, Jr., Bluefield payroll supervisor, has taken early retirement because of ill health.

He joined the company in 1920 as office boy. During the years he worked as assistant payroll clerk, payroll clerk and department supervisor.

His service includes working for the Appalachian Power Company, then Appalachian Electric Power Company and finally, again, Appalachian Power Company, in three different headquarters buildings in Bluefield, where he was born and raised.

Climbing Costs Bring Rise In Medical Plan Premiums

Constantly climbing hospital and medical costs have necessitated an increase in premiums for the company's Comprehensive Medical Expense Benefits program, beginning February 1.

Despite intensive efforts by all concerned to help control rising costs, Aetna Life Insurance Company has informed the company that the higher price of medical care and the increased number and larger amount of claims by employees and their dependents made the rise in premiums necessary.

As before, the company will pay approximately two-thirds of the increased premium; the employee will pay approximately one-third.

The new rate schedule is as follows:

Employee with no dependents: old rate—\$1.40; new rate—\$1.60.

Employee with one dependent: old rate—\$3.35; new rate—\$3.85.

Employee with two or more dependents: old rate—\$4.45; new rate—\$5.10.

While both the company and Aetna are working closely to control and minimize administrative costs, it was pointed out that a personal interest by each employee in obtaining a full dollar's worth of medical or hospital service for each dollar spent under the plan remains a major factor in forestalling further premium increases.

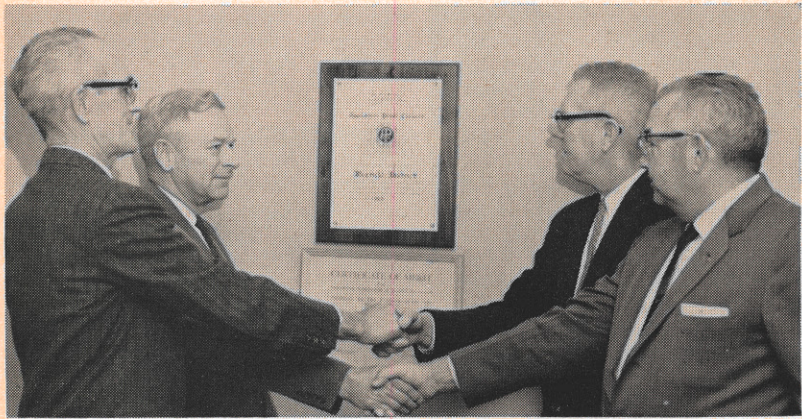
Safety Awards And Records . . .

(Continued from Page 1)

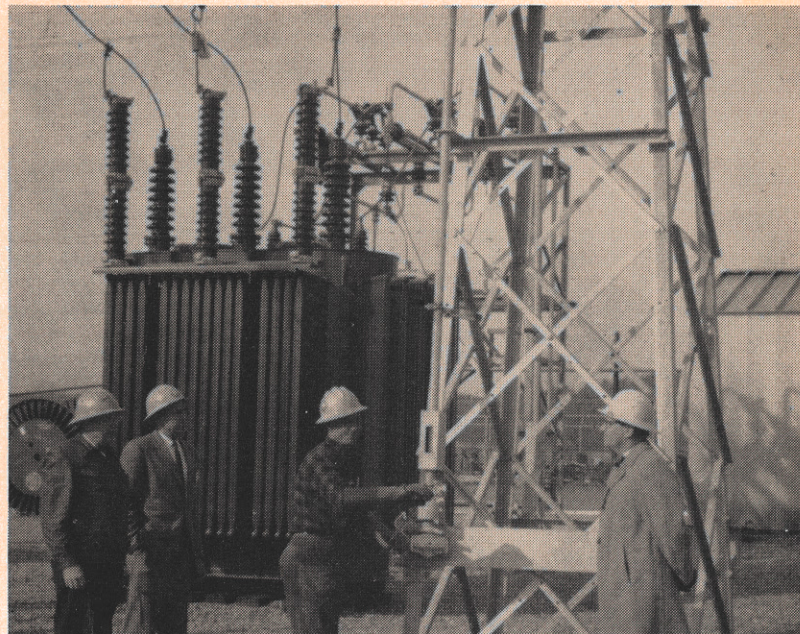
Other Appalachian entries in the company contest with perfect 1960 marks were Abingdon (224,299 manhours) and Williamson (149,928) among districts; Glen Lyn (322,061) Cabin Creek (275,168), Clinch River (264,951), Radford Arsenal (90,435), and Kanawha Valley Power (29,030), among plants. System Accounting (291,541), System Operating, (175,268), Administrative (139,122), and System R/E & R/W (59,053) had acci-

dent free years among departments.

Accepting the award on behalf of district employees, Mr. Gillespie said that the year's achievement "is an excellent example of what teamwork and co-operation can perform when those interested have the necessary enthusiasm and determination. At the end of 1959, we stood 17th among the 24 plants and districts of Appalachian. We ended 1960 in first place. This offers real challenge for each employee to do his best in 1961."



C. M. Fletcher, line supervisor; W. J. Gillespie, Jr., district manager; C. L. Shockey, district personnel supervisor, and D. R. Whittaker, Pearisburg area supervisor, congratulate each other on Bluefield district's winning the Vice President's Safety Award, hanging on the wall behind them. Bluefield had a perfect safety year.



D. G. Merriman, Fieldale station man, closes line disconnects at the DuPont station that provides 69,000-volt service to the DuPont plant at Martinsville. Observing are from left: W. Russell, DuPont engineer; W. G. Gourley, Fieldale district superintendent; and R. A. Youngman, Fieldale district engineer.

Major Fieldale Project To Serve DuPont Finished

A \$745,000 project has been completed in the Fieldale district that means increased capacity and two sources of power for the critical chemical operation of E. I. du Pont de Nemours nylon plant at Martinsville.

The project involved construction of a new station, enlarging two others, building of a new line and rebuilding of another.

At DuPont, a 10,000 kva station was constructed to provide power from the Ridgeway and Fieldale sta-

tions, while at the latter two, 21,000 kva banks were installed. From Ridgeway, a 6½ mile, 69,000 volt line was built, and the 34,500 volt line from Fieldale to DuPont was rebuilt for 69,000 volt operation.

Another feature is that the work provided a tie between the Fieldale and Ridgeway stations.

Education Awards . . .

(Continued from Page 1)

Linda Kay Hudson attends E. C. Glass High School in Lynchburg. She plans to study nursing during her college years. She has been an officer of her classes and of Lynchburg youth groups and participates in intramural hockey, basketball and volleyball.

Linda Carol Combs, who also attends Jefferson Senior, intends to major in chemistry during her college training, and would like to engage in research work for a chemical corporation after graduation. She has been an honor student and class officer and active in the Science, Latin and Dramatic clubs and in both varsity and intramural sports. She is a member of her church Youth Council and chairman of its Sunday School.

Cabin Creek Vet Dies At Age 73

Elmer Griffin, retired Cabin Creek plant veteran, died December 20 in a Charleston hospital after a long illness. He was 73.

Employed in April 1944 as a laborer, he retired February 1, 1952. He was born in Kentucky February 3, 1887.

Mr. Griffin is survived by two sons. Funeral services were conducted in the Cunningham Mortuary Chapel with burial in Spring Hill Cemetery.

Third Unit At Clinch River Takes Shape

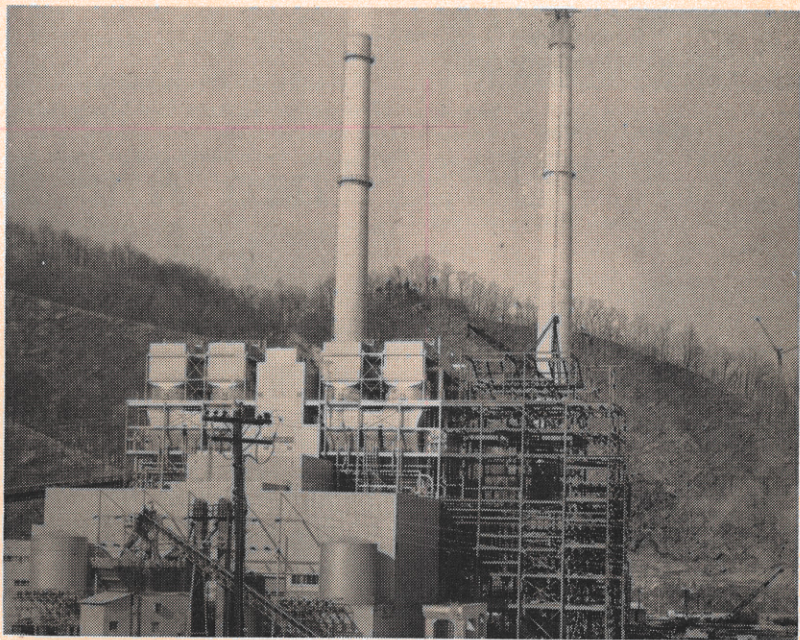
Clinch River plant's third generating unit is halfway to completion.

As 1961 began, the structure itself had been erected, minus the aluminum siding, all of the excavation and concrete pouring, and nearly all of the steel work was finished. The 450-foot concrete exhaust stack towers above all.

Work officially began on the 225,000-kw unit in February 1960. When the unit goes into operation late this year, it will make Clinch River, with 675,000-kw, the largest power plant in Virginia.

Eighteen hundred tons of structural steel have been erected; 43,000 cubic yards of earth and 2,600 cubic yards of rock had to be excavated for the unit site, and another 10,000 cubic yards moved for the cooling tower site; and 16,000 cubic yards of concrete poured for the foundations and stack.

Bernard O. Henninger, resident engineer on the project, said that employment on the job would rise to about 500 when work on installation of the boiler, turbine, generator



Clinch River plant's third unit rises along side of its two sister units. The new one, 225,000-kw, is scheduled for operation late this year, and will increase the plant capacity to 675,000-kw, largest in the state.

and associated equipment begins, and continue at that level until the unit is finished:

The unit is identical to the plant's

other two, and costs about \$30-million. Its operation will boost Clinch River's coal consumption from 1.2 million to 1.8 million tons.

Happenings

Around the Circuit

... Among Employees and Their Families

ROANOKE

System

Welcome to James O. Carson, new system accounting employee.

Roanoke District

Congratulations to I. B. Peters, district personnel supervisor, who was presented a plaque for outstanding leadership as president of the Kiwanis Club of Roanoke Valley. As immediate past president, he will serve on the club's board of directors in 1961 . . . In church activities, E. T. Jones, Jr., assistant credit manager, was elected financial secretary of Enon Baptist Church, and J. G. Brittain, merchandise bookkeeper, has been named to the board of deacons of the First Baptist Church . . . Welcome to new employee Ann Swain, clerk trainee . . . Annise Craig's husband, Bill, has been elected president of the Shenandoah Valley Beagle Club, Inc. Mrs. Craig is private secretary.

Lynchburg District

D. C. Kennedy, district manager, has been placed on the local committee of the Virginia Civil War Centennial Commission.

Fieldale District

J. W. Wright, Jr., utility clerk, has been appointed chairman of the board of deacons of the Midway Baptist Church at Collinsville.

KINGSPORT

Jack Pippin, meter reader, was elected Junior Warden of the Kingsport Masonic Lodge.

HUNTINGTON

Logan District

Wives of employees made news during the month . . . Mrs. Howard L. Foglesong, wife of the electrical engineer, was installed as president of the Logan County Girl Scout Council . . . Mrs. Dallas Kinsler, wife of the station man, was appointed legislative chairman of the Logan County PTA . . . Harriet Harless, home service representative, recently resigned.

Williamson District

A family dinner held during the holidays at the home of Mr. and Mrs. J. T. Harrold (he's the son of retired employee J. T. Harrold), was unique in that five generations of the family were present . . . Leroy Hairston has been named esquire and George Hairston secretary of the I.B.P.O. Elks of the World, No. 360. Both are janitors . . . Emma Warren, maid, was installed as daughter ruler of the I.B.O. Elks, No. 316, her fourth

term in the job . . . Naomi Cantees, contract clerk, has completed a 12-hour Civil Defense course offered at the Hardy Grade School at Hardy, Ky.

CHARLESTON

Point Pleasant District

Several employees' children were in the news . . . Suzanne, daughter of J. R. Crump, line foreman, was elected vice president of her 4-H Club . . . Tina and Randy, children of L. C. Bias, local office manager, and Andy, son of Bessie M. Wilson, cashier, had parts in a live Nativity scene presented by the Trinity Methodist Church . . . Welcome to new employee N. L. Click, janitor . . . Mavis J. Weaver, PBX operator, has resigned . . . The district bowling team placed fourth during the first half of its season.

Kanawha River Plant

W. E. Vellines, test engineer, was recently named second vice president of the Charleston Chapter of the West Virginia Society of Professional Engineers. He is also chairman of the membership committee . . . W. B. Abele, chief chemist, was elected president of the Fayette County Shrine Club.

Beckley District

Civil Defense is being lent a helping hand by two employees . . . Lewis C. Jones, station man, has been appointed a captain in the Raleigh County Civil Defense Rescue Squad . . . And C. A. Marshall, T&D record supervisor, has been appointed a captain in the Raleigh County Civil Defense Auxiliary Police Force. He also was recently appointed a trustee for the newly organized St. Luke Lutheran Church . . . In the same church, E. F. Pioch, electrical engineer, was named a member of the church council.

Philip Sporn Plant

Welcome to five new employees, all laborers—Dwight C. Oliver, Ken-

neth E. Matson, Frank H. Fitch, Clifford L. Divers and Delmar D. Alexander . . . A dozen employees have organized an entry into an industrial basketball league. They are Luther Smith, Delbert Murray, Okey Killingsworth, Bob Couch, Dorwin Clark, Gerald Clark, Paul Roush, John Ferguson, Lou Gilland, Bob Herndon, Harvey Van Vranken and John Werry . . . Congratulations to Tom Grinstead, member of the labor-janitor department, for his winning entry in the home decoration contest at Christmas sponsored by the Garden Club . . . Karl M. Wiles, head-general books, was elected treasurer of the Esto Fidelis Association of the St. Joseph Catholic Church.

Charleston District

2nd Lt. Charles R. Allison has won his Naval Aviator wings as a low altitude jet fighter pilot. The son of Harvey R. Allison, truck driver-groundman, the lieutenant played football at Camp Lejuene and was named the camp's outstanding player. He is now stationed at Beauford, S. C. . . . Gifts were given two employees . . . Frank Young, who retired December 31, received a wrist watch from friends and co-workers, while Ouida Miller, commercial, who resigned, was given a gift certificate . . . Eldivia Gullian, accounting, has also resigned . . . Congratulations to Guilford C. Smith, administrative assistant, who has been re-named secretary-treasurer, member of the board of directors and coordinator of activi-

(See Charleston, Page 10)

KENTUCKY

Pikeville District

Elections brought honors to three employees . . . R. H. Flynn, assistant local office manager, was re-elected secretary of the Green Meadow Country Club . . . A. H. Jopp, district commercial manager, was re-elected ruling elder of the Pikeville First Presbyterian Church . . . H. H. Kincaid, district manager, was re-elected director of the Kiwanis Club.

It's Colonel Kincaid Now



H. H. Kincaid, left, Pikeville district manager, accepts his commission as colonel on the staff of Kentucky's Governor Bert Combs from Chester Smith, power sales engineer. Mr. Smith made the presentation on behalf of the governor for Mr. Kincaid's active participation in civic affairs. Specifically mentioned in the citation were his work with the Boy Scouts, his efforts for flood control in the Big Sandy Valley, and his work in a highway bond issue.

BLUEFIELD

Glen Lyn Plant

W. G. Bell, Jr., assistant plant manager, has been appointed councilman by the Town of Pearisburg, to fill a vacancy created by the death of an elected official.

Pulaski District

Elections and school honors made the news last month . . . Stanley C. Smith, line inspector, was named worshipful master of Pythagoras Lodge No. 239 . . . C. A. Schmidt, customer service clerk, has been named chairman of the committee on evangelism at the Woman's Memorial Lutheran Church . . . P. T. Gress, commercial sales representative, and H. B. Newland, district personnel supervisor, have been named to the legislative committee of the Pulaski County Chamber of Commerce. Mr. Gress is co-chairman of the Social Security expansion and Mr. Newland is co-chairman of the Federal Controls of Business and Agriculture. Bruce B. McCall, division power sales engineer, was named to the finance and membership committee . . . W. T. McGraw, Claytor hydro operator, who was recently re-elected to his sixth term as chairman of the official board at Carter Street Methodist Church in Radford, assisted with groundbreaking ceremonies for the church's \$50,000 addition . . . Several employees are helping lead the Pulaski Country Club . . . S. A. Dewey, commercial sales engineer,

has been named second vice president and secretary of the club, while B. B. McCall, division power sales engineer, and J. M. Brown, local office manager, were named to the board of directors. V. W. Hinton, division meter engineer, has been re-elected to the board and will be co-chairman, with C. P. Bailey, electrical engineer, of the Greens Committee . . . In school activities, Betty J. Wolford, daughter of J. E. Wolford, truck driver-groundman at Wytheville, was capped at a recent ceremony at Roanoke Memorial Hospital . . . Gary H. Whitaker, son of Mrs. Dorothy Whitaker, personnel, was initiated into Alpha Kappa Psi, business and professional fraternity, Beta Xi chapter at VPI, where he is a junior . . . Elizabeth Hill, home service representative, did such a nice job on her house it was selected for first place in the outdoor lighting contest in Galax.

Welch District

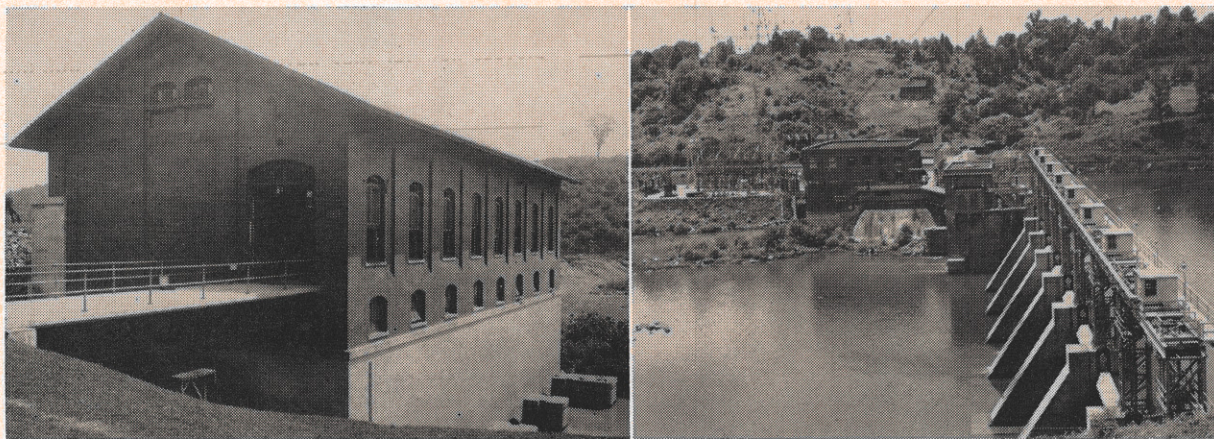
Highlighting a variety of activities during the month were these . . . Judy Dee Farley, daughter of Loneda F. Rose, Pineville cashier clerk, was initiated into the Order of Rainbow Girls, S. L. Shannon Chapter . . . M. L. Sluss, stores clerk, gave his eighth pint of blood and became a member of the Gallon Club . . . William C. Groseclose, administrative assistant, was installed as vice president of the Welch Kiwanis Club and appointed general chairman of the club's various committees . . . Sank Smith, district personnel supervisor, was appointed project chairman of the First Presbyterian Church.

Bluefield District

Two Bluefielders recently completed educational courses. Lois K. Rounion, division secretarial-stenographer, completed a course in "Office Etiquette," which was sponsored by the Bluefield Chapter of National Secretaries Association (International) in cooperation with Concord College. Anne B. Turner, personnel stenographer, completed a Concord College extension course of study entitled "Social Problems in America" . . . Honors have been accorded four employees and an employee's daughter during the past month. Benjamin E. Bates, division meter supervisor, has been elected treasurer of the Kiwanis Club of Bluefield, Va. . . Okey B. Yost, assistant local office manager, has been installed secretary of the same organization . . . W. T. Goodloe, Jr., system transmission records supervisor, has been re-elected secretary of the Kiwanis Club of Bluefield, W. Va., for the 13th consecutive year. Mr. Goodloe also has a 17-year perfect attendance record in the Ki-

(See Bluefield, Page 10)

Then And Now—Reusens Hydro Plant



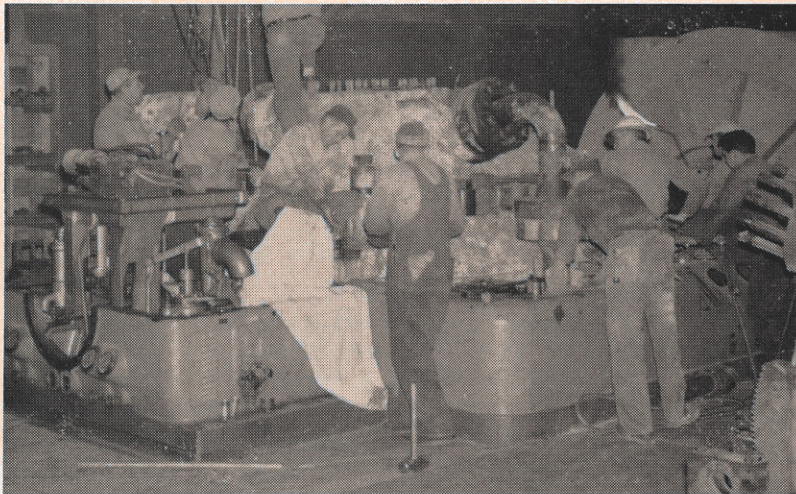
Things can change considerably in 57 years, and the Reusens hydro plant in the Lynchburg district is no exception. Several photos taken during construction in 1903 and after completion in 1904 have just been turned up, and the contrast with the appearance of the plant today is vivid. At left, the plant is shown as it looked in 1904, immediately after it was completed. At that time the plant had a capacity of 1,500 kilowatts. According to

old timers, work on the plant was done by Italian stone masons, and because workers were not familiar with concrete then, more was used than really necessary. The plant had two 750 kw General Electric rope-driven machines, considered the largest rope-driven machines in the world at that time. At right is Reusens as it appears today. It now has a capacity of 18,500 kw, and is interconnected with 138,000 volt lines.

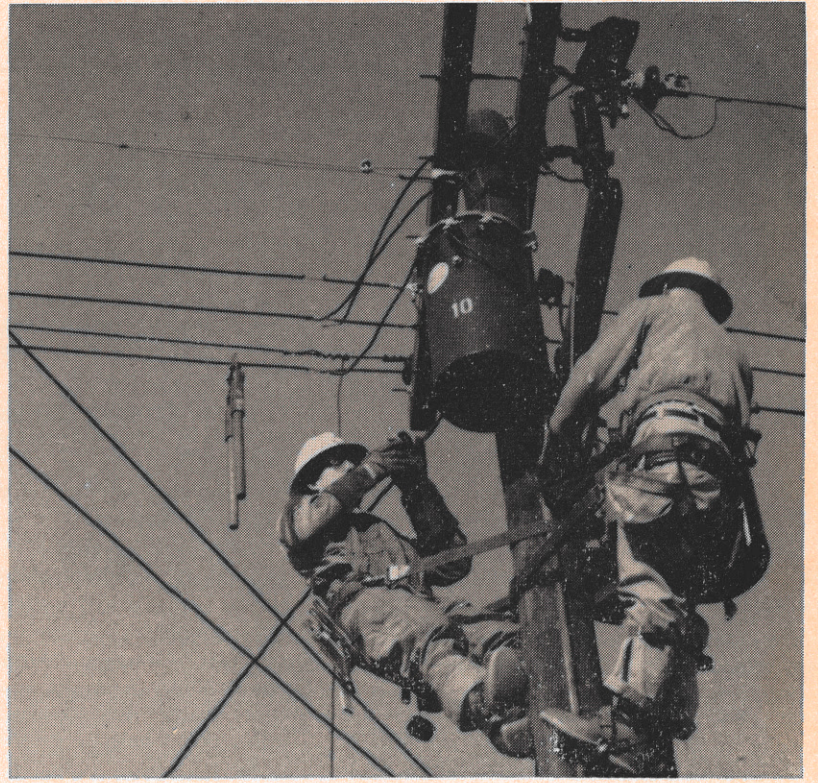


Kanawha River plant's Appakan Club recently chose new officers. Standing, from left: J. B. Armstrong, president, and W. J. Hudson, vice president. Seated: Jeanne Bryant, secretary, and C. T. Brooks, treasurer.

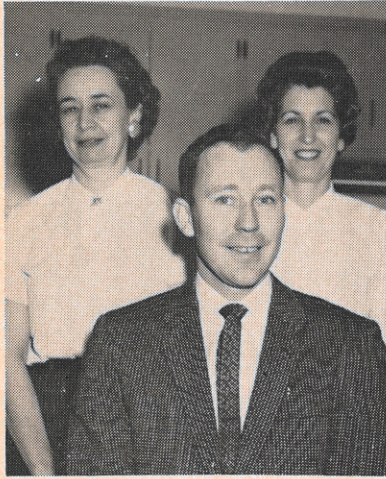
Camera Roundup



Work on Philip Sporn plant Unit 2, taken out of service January 13, will include major repairs to the high pressure turbine, including replacement of the shells. This work has already been done on Units 1 and 4. Other inspection and replacement work will be done during the outage.



Extensive work in the Valley Drive-North Oakwood area of the Beckley district was completed early last month. The job consisted of changing all transformers in this section from 4,000 volts to 12,000 volts. T. A. Dickenson and B. C. Thomas are doing the work here. Photo Courtesy "Raleigh Register."



Elected to serve the Employees' Flower Fund in Beckley for 1961 are, back row: Eloise Pierce, vice president, and Parthenia Glover, secretary-treasurer; in front, Emory R. Miller, president.



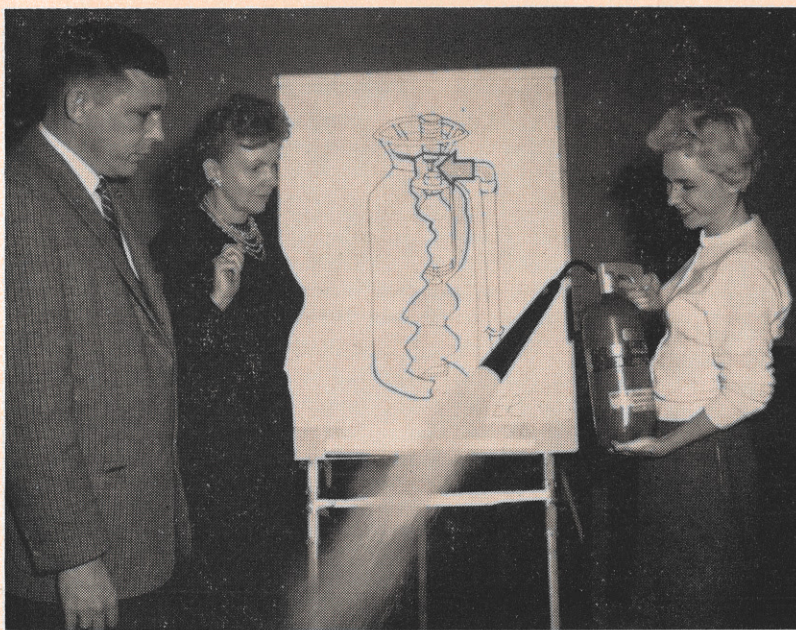
Eight Appalachian men, all members of the Chelvan Lions Club, pose for a picture before starting deliveries of Christmas baskets the club bought for needy families. The eight are Gilbert Farthing, Wiley Gwinn, Jesse McClain, Paul Slack, J. A. Moore, Shirley Hastings, Don Ballard, and W. P. Vickers. The man who took the picture, G. E. Briers, is also an employee and a Lion.



Celebrating three consecutive years of operation without a lost-time accident, Clinch River employees were given a safety luncheon to mark the event. In the course of the meal certificates for perfect safety records over long periods of time were given to four veteran employees, representing 113 years of safe work. Here C. E. Archer, plant manager, gives a certificate to J. S. Carter. W. S. Kitchen, system safety department, is at right.



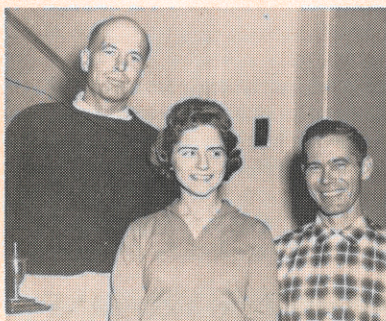
Abingdon Employee Benevolent Association officers, elected to serve during the coming year, are, from left: Tom Brabson, president; Peggy Johnson, treasurer, and Perry Johnston, secretary.



Even with fire extinguishers available in the office building, some people might not know how to use them; so said John Frazier, left, Charleston division safety supervisor. He developed a safety program featuring film strips and discussions of each type of extinguisher. He and Freda Shipley look on as Janet Hypes tries out a foam extinguisher.



An award for past performance is presented to Charleston district in front of a display that marks present performance and future goals. W. S. Kitchen, system safety department, left, presents a certificate to C. B. Talley, district manager, and John Frazier, division safety supervisor for the district's 500,000-manhour record. The display, on exhibit throughout the district, shows employees how far they have to go to reach 1,000,000 manhours. Figures will be changed monthly.



New officers of the Beckley employees' Appaleisure Club, elected recently, are l. to r.: John Thompson, president; Linda Bryant, secretary, and J. A. Kirby, vice president.



This novel and attractive window in the Ashland office extended Christmas greetings from Kentucky Power Company to its customers, and brought many comments from

the public. It was created by Mrs. Jean Toombs, home service representative, and Alex Kirk, appliance serviceman, of the Ashland district.



A chance taken, a drawing, a telephone call, a winner. That's the sequence of events as Mrs. James Hughes, wife of the heating and builder sales representative in Grundy, won a new car in a raffle conducted by the American Legion. Funds went to work with underprivileged youth in the county. From left here are the winner, the winner's husband, and the prize.

Three Companies Active On Many Fronts

As our companies began the Decade of the 60's, the year of 1960 was another of activities on many fronts.

Following is a review of some of the major highlights of the year for our companies.

Construction Highlights

It seemed that everywhere you looked in the territory, our companies were constructing new facilities during 1960.

At Philip Sporn plant, the new 500,000 kilowatt unit 5, twin of the world's largest unit, went into commercial operation. The other unit is at I&M's Breed plant.

Kentucky began work on its new power plant, the Big Sandy plant. The \$39-million station will have a 265,000 kw unit, largest in the state.

Two other power generating facilities were announced, and work is well along on both. One is the addition of a third 225,000 kilowatt unit at Clinch River plant, which will bring the plant's capacity to 675,000 kw. A \$1-million, 138,000-volt transmission line will be built from the plant to the Abingdon station.

The other is the Smith Mountain Combination Hydroelectric Project. This involves the construction of two dams—a main, upper dam at Smith Mountain Gap and a lower dam at Leesville. The \$50-million project will have a capacity of 440,000 kw.

In another plant development, work began on a new, 600-foot high stack at Philip Sporn plant to serve Units 1 through 4, replacing four smaller stacks.

Many stations were built or enlarged. Among the major ones were the Lawyers station in Lynchburg, the West Huntington station, the Danville station in the Fieldale district and the Catawba station in the Roanoke district.

Completed was a project in Lynchburg costing almost \$1-million, that involved new stations, enlarging of existing ones, new lines and rebuilding of old ones—all to provide additional power and sources of power to the fast-growing Lynchburg area. In Kingsport, work progressed on the loop being built around that city. This, too, involves several stations and lines.

One of the most dramatic events of the year took place in the Lynchburg district, where a helicopter was used for the first time in the United States in all phases of construction of full-scale, high-voltage, electric power transmission lines. The lines constructed were from a point near the South Lynchburg station to the Big Island station and from Virginia Electric & Power Company's Altavista station to Smith Mountain. The helicopter was used to determine if it can be completely integrated into transmission line construction and if the use of the machine is more economical than conventional construction methods.



George Litsinger of Charleston does quite a bit of walking. So much does he walk, in fact, that a story about it appeared in THE ILLUMINATOR and the Charleston newspapers during 1960, and was picked up by the wire services and sent out all over the country. The commercial sales representative's hobby is perhaps not typical, but it serves as a good example of the many and varied activities of employees of our companies. These activities continued unabated during 1960, helping to make some of the news of the year.

Two new buildings went into service—the Gate City local office building and the Bluefield district service building.

Boosting The Economy

While in some sections of the area served by our companies the economy in 1960 ran a bit below that of 1959, there were many bright spots too.

In the territory served by our companies, a total of 34 new industries were announced. They will employ a total of 3,977 people. In addition, 56 existing industries announced expansions, adding 2,671 employees.

In Eastern Kentucky, where four new plants were announced and two existing companies plan major expansions, a total of 815 employees are being added. The new plants belong to Hooker Chemical Company, Pittsburgh Chemical Company, Silica Corporation of America and Kentucky Power itself. Armco Steel Corporation and Ashland Oil & Refining Company are expanding.

In Kingsport, the major news was the new American Saint-Gobain plant, which, although right outside Kingsport Utilities' territory, will affect the economy of the city. This plant will employ from 800 to 1,000 people. The city's three major industries—Tennessee Eastman, Kingsport Press and Mead Corporation—are expanding and adding 400 employees.

In Appalachian's two-state territory, 29 new industries with 2,687 employees, and expansions at 51 existing plants, meaning 1,746 new em-

ployees, were announced. Chief among major developments were the new Corning Glass Works plant at Danville, a new Lynchburg plant of the Delta Star Division of H. K. Porter Company, P. Lorillard Company's new tobacco processing plant at Danville, P. H. Hanes Company's new plant at Galax, expansion of General Electric's Communications Department plant at Lynchburg, and the construction underway at Neal, W. Va. for the Novamont Corporation, subsidiary of the Montecatini Company of Italy.

Major Personnel Changes

Several major promotions affected our companies. G. L. Furr retired as Appalachian general manager and R. E. Hodges was elected vice president and general manager. Mr. Hodges was also elected a director of Kingsport and vice president and director of Kanawha Valley Power Company and Central Operating Company (Philip Sporn plant). Mr. Furr continues to serve as a vice president and consultant to the company.

Later in the year two men were named executive assistants of Appalachian. They are Dorman M. Miller, area development director, and Julian C. Hansbarger, assistant Huntington division manager. Mr. Miller continues to direct the company's area development activities.

H. S. Scott, manager of the Ashland district, retired, and was succeeded by C. C. Darrah, who had been Williamson district manager.

J. V. Mann, Beckley district manager, was named assistant Charleston district manager, and was succeeded in Beckley by W. C. McMahan.

Promoting Electricity

Final tally of residential and commercial-industrial sales results is not complete, but there were several other highlights during 1960 in commercial activities.

In mid-year *Look* magazine honored Appalachian for its service to the home building industry. The award was based on Appalachian's whole program and particularly on another bright spot of the year—the Arlington Park subdivision in Huntington. The largest total electric development in our three companies, the subdivision will eventually have 180 Gold Medallion homes.

Later in the year, Appalachian announced its Reddy Kilowatt Recommended Electric Home Heating Contract Dealer program. The cooperative effort between dealers and Appalachian is designed to sell more flameless electric heat.

Westinghouse built one of its 16 Total Electric Gold Medallion homes in Roanoke during the year as part of its program to increase acceptance of the concept of total electric living. And near the end of the year, a 79-unit apartment house was announced for Lynchburg, each apartment to have a heat pump and electric appliances.

Safety In Our Jobs

How well employees' efforts in safety paid off in 1960 appears in another story elsewhere in this issue, but other safety items made news.

Three employees joined the Turtle Club when their hard hats saved their lives—H. F. Boling, Hazard meterman; James F. Dooley, Charleston lineman; and B. A. Cruise, Fieldale lineman.

The 260 employees of Philip Sporn plant reached the million-manhour mark without a disabling injury October 12. This was the first time in the plant's 11-year history the coveted mark had been reached.

... And In General

A great number of other events took place during the year, affecting employees and the area we serve. Briefly, among them were:

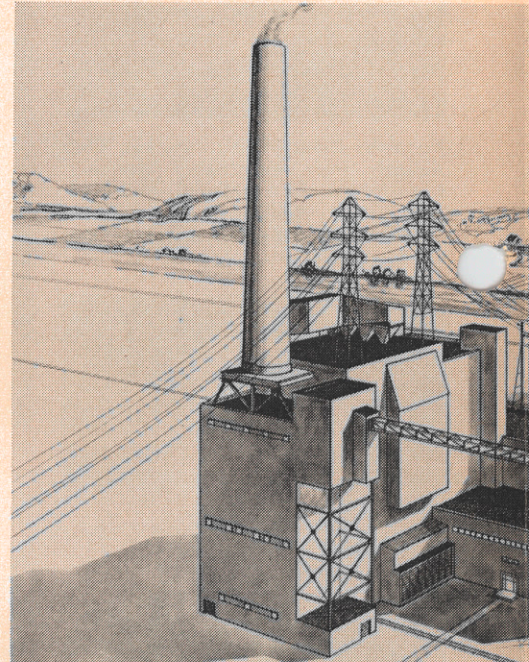
Snows ranging from 4 to 18 inches deep hit most of our area in January and February. Old timers searched their memories for the last time the territory had had so much snow in such a short period of time.

The Stuart hydro, in the Fieldale district, was retired.

Kentucky Power was recognized for its vital contribution to the economy of Big Sandy Valley by the Paintsville Chamber of Commerce and the Eastern Kentucky Regional Planning Commission.

J. A. Moore, Cabin Creek plant manager, won third place and C. B. Talley, Charleston district manager, won fifth place in the annual *AEP Operating Ideas* competition.

1960—A



This is an architect's conception of Kentucky Power's 265,000 kilowatt plant which will cost \$39-million.

Electric Industry Continued

(Editor's Note: The following is from "The Electric Industry Enters The Sixties", by Sherman R. Knapp, president of Edison Electric Institute.)

During 1960, a year in which the American economy as a whole followed a somewhat uneven path, the electric utility industry continued its record-making growth, substantially advancing toward the level of power-producing capability expected by the end of the decade.

By 1970, investor-owned electric companies plan to have doubled their present capability and their production. By 1980, they expect both capability and production to be nearly quadrupled.

Production Record

According to preliminary figures, electric energy output (including imports from Canada) by the total electric utility industry in the contiguous United States (i.e., exclusive of Alaska and Hawaii) is estimated to have reached a record high of 764.8-billion kilowatt-hours during 1960, an expected increase of some 45.3-billion kwh, or 6.3% over 1959.

With the addition of the electricity generated by industrial plants and by railways not contributing to the public supply and of generation in Alaska and Hawaii, the United States' output is expected to have reached a record total of 850-billion kwh in 1960.

Capability

In December of 1960 the power-producing capability of the electric industry in the contiguous United States is estimated to have reached a new high of 175.9-million kilowatts. This was an increase of 7.7% over the 1959 figure. Of the industry's total, 134-million kw, or 76.2%, were provided by investor-owned companies. The remaining 41.9-million kw, 23.8% of the total, were provided by government-owned or government-financed power agencies.

Construction

The electric companies' total construction expenditures for the year were \$3.35-billion, bringing the total investment in electric plant and equipment up to approximately \$46-billion at the end of the year. The construction expenditures for 1960 equalled approximately 9.5% of all the construction expenditures of American industry during the year. The companies' expenditures on new plant and equipment during 1960 were the fourth largest in history. For 1961 construction expenditures are expected to increase to about \$3.41-billion.

Sales, Customers

It is estimated that sales of the electric industry in 1960 reached a new high of 667.4-billion kilowatt-hours. This includes: large industrial—323.5-billion kwh; residential—188.9-billion kwh; commercial—114.4-billion kwh; and other—40.6-billion kwh.

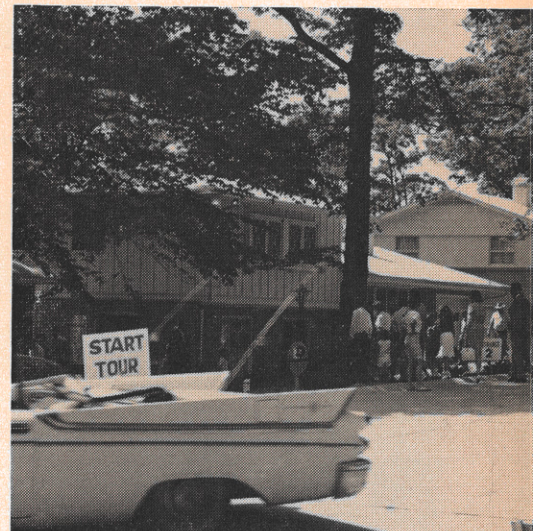
This is a 40.7-billion kwh increase over 1959.

Use of electricity in the American home continued to increase during 1960. Of approximately 1.1-million new customers the electric industry in the contiguous United States added in 1960, about 94% were residential and rural customers. The industry now has approximately 50-million residential customers. On the average, the use of electricity by each of these families was 3,815 kwh—an increase of 230 kwh over the previous record in 1959.

Gross revenue for all departments of the investor-owned electric companies in 1960 are expected to reach \$11.5-billion, 6.5% higher than the former record of \$10.8-billion set in 1959.

Taxes

For 1960, it is estimated that the investor-owned electric companies will have a total tax bill on their electric operations of approximately \$2.35-billion—about \$160-million more than in 1959. These payments are to all levels of government—Federal, state and local—with the Federal government getting the greatest share.



A highlight of the year in commercial activities was Arlington Park subdivision in Huntington. The subdivision is the largest all-electric development in our company. To date, 42 homes have been completed total have been sold, and of the 42 completed, 37

Many Fronts

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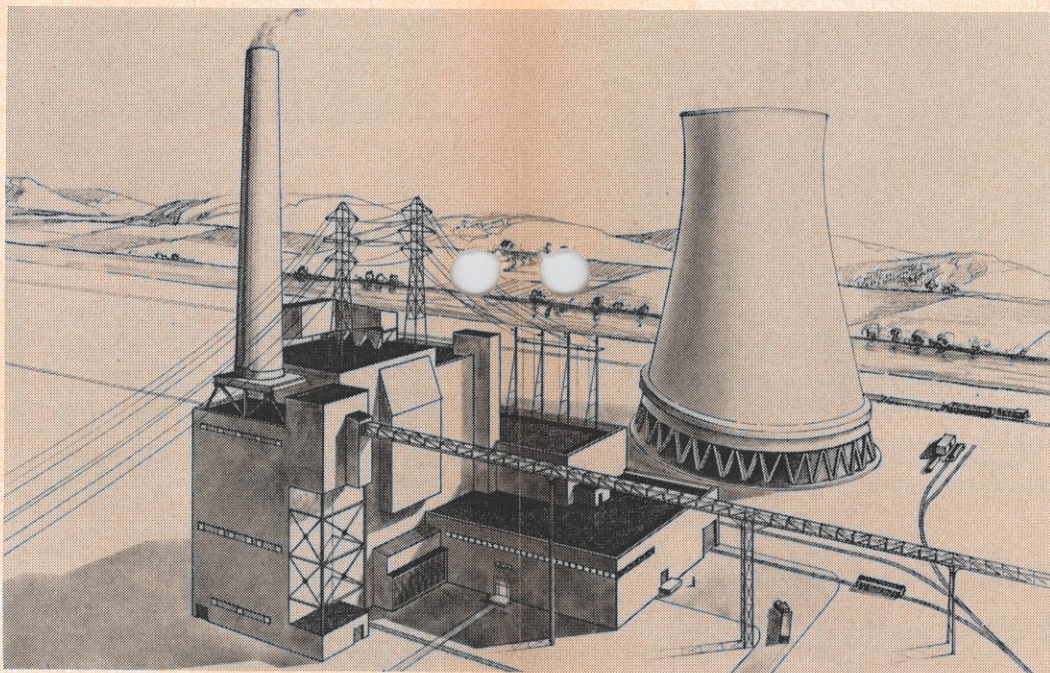
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1960—A Review



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Some Predictions

For 1961, the electric companies plan to expend about \$3.41-billion for new plant and equipment. During the year, they plan to add about 7.5-million more kilowatts of generating equipment. The expected capability for the total industry in contiguous United States at the end of the year is 187.2-million kwh, 6.5% over 1960.

By the end of 1961 electricity output in the U. S., including Alaska and Hawaii, is expected to be 7% higher than in 1960, totaling some 910-billion kwh. The number of customers is expected to increase to 59.8-million by the end of the year. The investor-owned companies should increase their revenues by about 6.8% over 1960, reaching \$12.25-billion for 1961.

Nuclear Power

During 1960 the electric companies' program for development of nuclear power made substantial gains. The nuclear power station of the Commonwealth Edison Company—Nuclear Power Group (the AEP Service Corporation is one of the eight member companies of NPG) began commercial operation in Dresden, Ill., during the year. This 1,000-kw station is the largest atomic plant in the U. S.

The Yankee Atomic Electric Company, made up of 11 New England electric companies, completed and put into operation a 136,000 kw



A highlight of the year in commercial activities was the announcement, and construction start, on the Arlington Park subdivision in Huntington. The subdivision will have 180 Gold Medallion Homes, and is the largest all-electric development in our companies. The homes range in price from \$20,000 to \$55,000. To date, 42 homes have been completed and 14 others are under construction. Fifty of this total have been sold, and of the 42 completed, 37 have been occupied.

Review

AEP Sets Records In Sales, Other Areas

The American Electric Power System, providing electric service to 1.4-million customers in seven states, in 1960 continued to establish many new records in its operations.

Chief among them was the sale of an unprecedented 27.2-billion kilowatt-hours of electricity. This was an increase of 5% over 1959 and the highest kwh sales ever achieved either by the System or by any investor-owned electric utility.

Some of the other records set during 1960 were:

	1960	1959	% Increase
Operating revenues	\$338,078,000	\$323,606,000	4.5
Net Earnings	53,972,000	49,253,000	9.6
Generating capability	6,561,000	5,558,000	18.0
Peak Load	4,877,000	4,730,000	3.1
Average annual home use	4,278	4,041	5.9
Electrically heated homes added	6,200	5,300	17.0

Electric Heating

The all-electric home—featuring electric heating—continued to gain acceptance. During the year, the System's average residential customer used 4,278 kwh of electricity—237 kwh above the 1959 average and 480 kwh above the estimated national average for 1960.

The total of electrically heated homes now on

the System is 25,000, of which 5,000 are older homes. Significantly, the average AEP electric heating customer used almost 21,000 kwh in 1960, while the average non-heating customer used 3,837 kwh. Thus, electric heating used by only 1.9% of the System's residential customers represented a new source of revenue totaling over \$6.4-million a year.

Power Expansion

Expansion of the System's power facilities continued in 1960. During the year, AEP completed construction of and put into operation 1-million kilowatts of new generating capacity—the largest one-year increase in its 54-year history.

With 1960, the System's tremendous post-war expansion program approached the \$1.5-billion mark. This outlay has brought into being 25 large generating units totaling over 5½-million kilowatts. System-wide expenditures for the expansion of generation, transmission and distribution facilities in 1960 totaled \$100-million. For 1961, another \$116-million has been budgeted for construction of new facilities.

The System's additional 1-million kw of capacity, housed in just two units, Breed Plant and Unit No. 5 at Philip Sporn Plant, brought the total generating capability of the AEP System to 6,561,000 kilowatts—the highest capacity ever reached by any investor-owned public utility, and more than triple the capacity of the System as of January 1950. At the time of their initial commercial operation (Breed on July 31 and Sporn Unit 5 on December 31) these were the largest units ever operated; they are also among the world's most efficient generating units.

In Virginia

During the year, construction began on the Smith Mountain hydroelectric project and on a third unit at Clinch River Plant, both in Virginia, and on the Big Sandy Plant in Kentucky. The Clinch River addition, a 225,000-kilowatt steam-electric unit, was started in February 1960 and is scheduled for completion late this year. The new unit will raise the plant's capacity to 675,000-kilowatts, making it the largest power station in Virginia.

By the end of the year, considerable progress had been made in excavation and foundation work on the two dams in the Smith Mountain project, which will be the largest hydroelectric power development in this country ever to combine conventional river-flow generation with pumped storage. It is slated for operation in late 1963.

Big Sandy Plant—Kentucky Power Company's 265,000-kilowatt station—will use the Western Hemisphere's first hyperbolic cooling tower, a reinforced concrete structure 320 feet high. The \$39-million plant is to begin commercial service late next year.

The addition in 1960 of approximately 500 miles of new distribution line and about 400 miles of new transmission line brought the year-end totals to 66,500 miles of distribution and 10,500 miles of transmission.

Research and Development

The System's research and development work has never been more intensive, and at the same time has never been more significant in its meaning for the future.

For example, solid progress was made on research into the exciting area of power generation by use of the principle of magnetohydrodynamics. Three AEP System Companies and nine other utilities are sponsoring research into magnetohydrodynamics by the Avco Corporation. As part of the past year's program, a new experimental second-step generator was built at Avco's Everett (Mass.) Research Laboratory that generated nearly 100 kilowatts for a period of 10 seconds. While this is a small amount of power, it is 10 times the output achieved with the first-step generator.

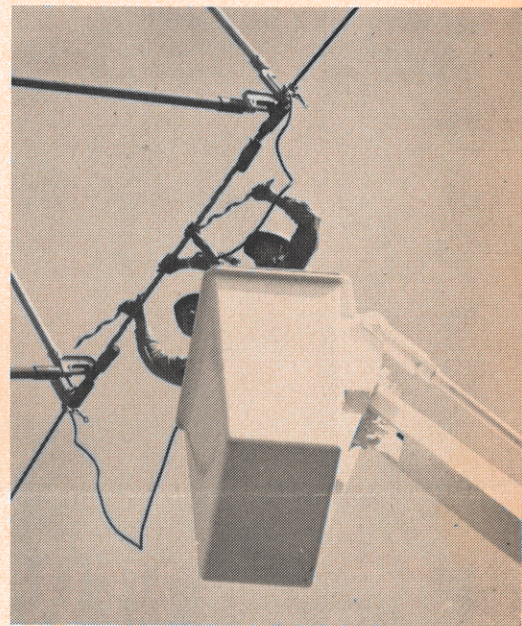
One of several research efforts in the field of power transmission was the undertaking of the Apple Grove Project. In this, AEP and Westinghouse Electric Corporation jointly are building a 750,000-volt test transmission line at Apple

Grove, W. Va., on the Ohio River, with assistance by several other manufacturers. This outdoor laboratory is scheduled for initial operation later this year.

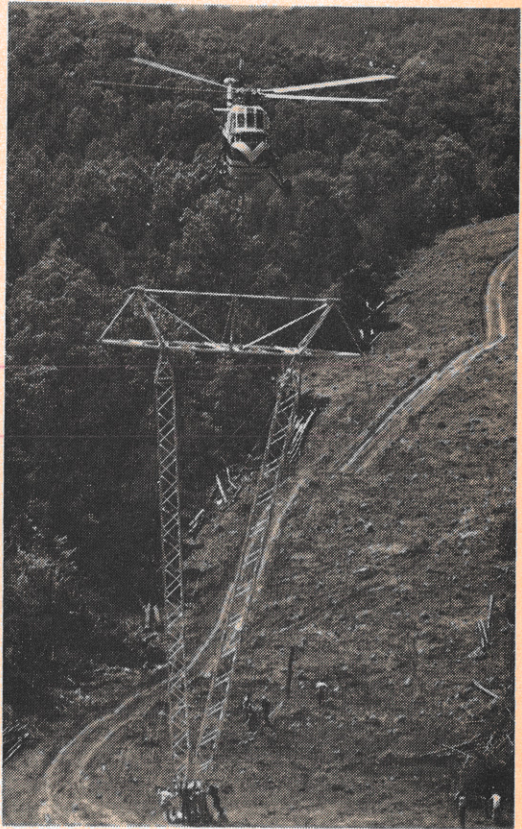
Bare Hands

During 1960, the AEP System received recognition throughout the nation—and in many other nations—with its announcement of a new technique for working hot transmission lines barehanded. Another new technique was the use of helicopters in erecting two transmission lines in rugged, wooded country in Virginia. Part of the helicopter's use was experimental and provided the basis for developing entirely new concepts of line design and construction.

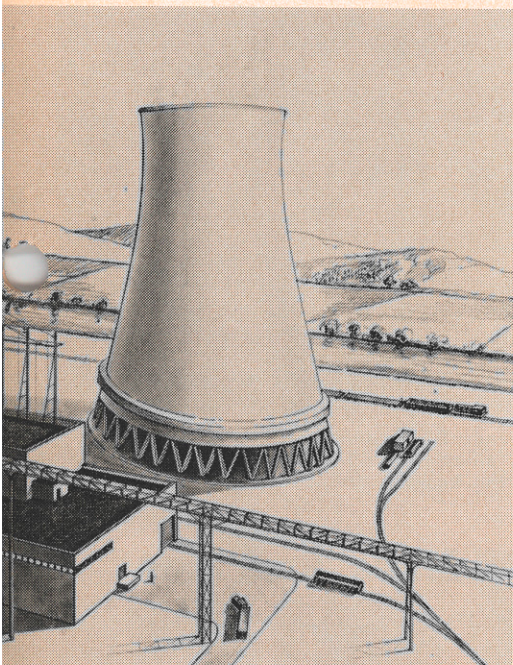
There are numerous other examples of research and development work which was carried out in 1960, including work in the nuclear power field, most of which will be continued in 1961 and beyond. It's all part of the AEP System's constant aim—to provide its customers with the best possible electric service at the lowest possible cost.



Working barehanded for the first time on a live wire, linemen repair a 138,000 volt transmission line near Findlay, O. They stand in a non-conducting fiberglass bucket supported by an insulated boom. Shielded by the insulation from the difference in voltage between the ground and the wire, the men are charged at line voltage by connecting the bucket's metal-mesh lining to the wire. The revolutionary technique was developed by the AEP System for maintenance work on its 76,000 miles of lines.



An aluminum tower is placed into position by a helicopter, a new line construction method tried on two Appalachian lines during the year. The tower was hauled to the site from a marshalling yard by the helicopter and here is being secured into place by guy wires. The use of the helicopter marked a first in full-scale, high voltage, electric power transmission line work.



er's Big Sandy plant and its cooling tower. The

Its Record-Making Growth

Some Predictions

For 1961, the electric companies plan to expend about \$3.41-billion for new plant and equipment. During the year, they plan to add about 7.5-million more kilowatts of generating equipment. The expected capability for the total industry in contiguous United States at the end of the year is 187.2-million kwh, 6.5% over 1960.

By the end of 1961 electricity output in the U. S., including Alaska and Hawaii, is expected to be 7% higher than in 1960, totaling some 910-billion kwh. The number of customers is expected to increase to 59.8-million by the end of the year. The investor-owned companies should increase their revenues by about 6.8% over 1960, reaching \$12.25-billion for 1961.

Nuclear Power

During 1960 the electric companies' program for development of nuclear power made substantial gains. The nuclear power station of the Commonwealth Edison Company—Nuclear Power Group (the AEP Service Corporation is one of the eight member companies of NPG) began commercial operation in Dresden, Ill., during the year. This 1,000-kw station is the largest atomic plant in the U. S.

The Yankee Atomic Electric Company, made up of 11 New England electric companies, completed and put into operation a 136,000 kw

nuclear power plant at Rowe, Mass.

Including the two plants which began operation during the year, five electric company nuclear power plants are now in operation in the U. S. Two more are expected during 1961, which will bring the total of nuclear-fueled power capacity in the nation to about 760,000 kw.

At the end of 1960 a total of 132 electric power companies were participating in one or more of 26 major projects for the development and construction of atomic power plants and for major research, development and study projects. This broad program involves a total utility company investment of over \$650,000,000.

Research efforts of the electric companies are directed towards a multitude of subjects. They include work in all phases of the generation, transmission, distribution and use of electricity. New power sources, such as the fuel cell, the thermionic tube, the thermoelectric generator, and devices making use of the principle of magnetohydrodynamics, are being carefully explored.

Value

One of the chief problems that has faced the electric companies during 1960 and that will continue to face them in 1961 is the problem of rising costs. To combat these costs, electric companies work constantly to increase their efficiency—and the results have been good.

It took 10 pounds of coal to produce one kilowatt-hour of electricity in Edison's early generators. Today, modern power plants are able to produce a kilowatt-hour of electricity from three-fourths of a pound of coal. Technological improvements such as this, brought about through the efforts of the electric utility companies and the electrical equipment manufacturers, have made it possible for the electric companies to keep their investment per kilowatt down.

During 1960, the Consumers' Price Index reached a point more than double what it was 25 years ago. But the average price per kilowatt-hour of residential electricity in 1960 was only 2.47 cents—less than half of what it was 25 years ago.

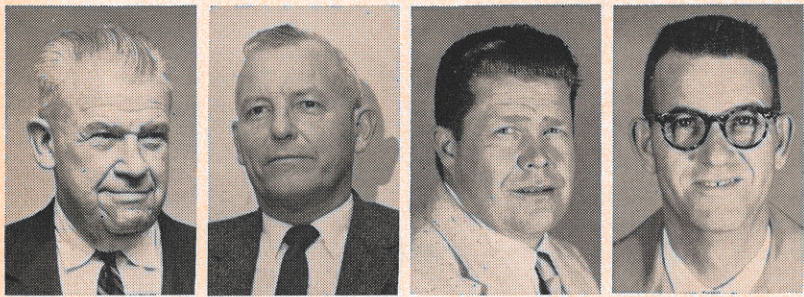
Despite the many services it performs and the steadily increasing quantities in which it is being used, electricity's place in the family budget is small. The latest available figures show that only 1.3 cents of each dollar spent by American families went for electricity.

Despite its small cost, the value that electric service provides is great. The record of growth of the nation's electric companies is ample evidence of this fact.

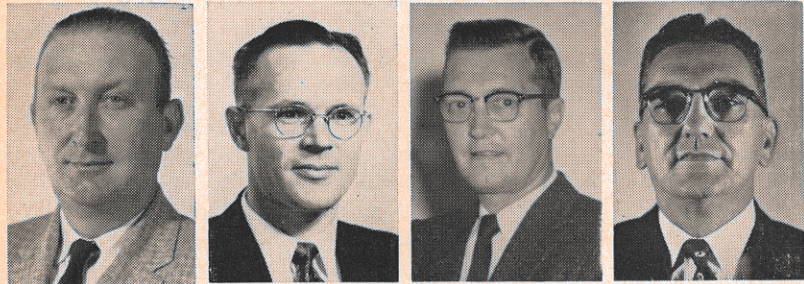


he announcement, and construction start, on the vision will have 180 Gold Medallion Homes, and ties. The homes range in price from \$20,000 to and 14 others are under construction. Fifty of this ve been occupied.

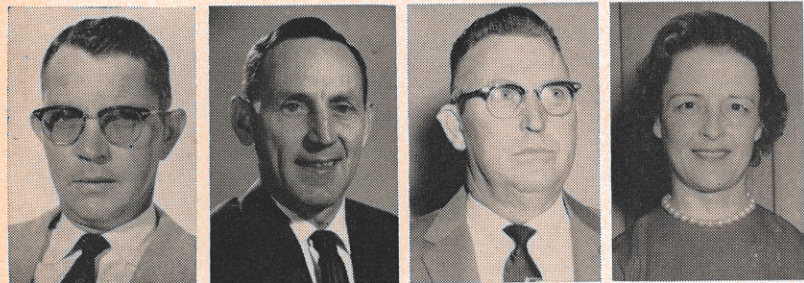
Service Pins Awarded



J. C. Smith, Jr. Bluefield 30 Years
H. H. Kincaid Pikeville 30 Years
H. R. Allison Charleston 25 Years
A. F. Whaples Charleston 25 Years



W. R. Johnson Glen Lyn 25 Years
P. B. Lumbard Ashland 20 Years
William Hulme Welch 20 Years
O. A. Hesson Cabin Creek 20 Years



L. K. Johnston Glen Lyn 20 Years
G. T. McClure Huntington 20 Years
R. C. Nester Pulaski 20 Years
Nancy Eskridge Pulaski 20 Years

Familiar Faces IN NEW PLACES

Appalachian Power Company

Bluefield District

CLYDE L. FARLEY from line inspector to line foreman; JERRY C. MARTIN from groundman to truck driver-groundman; WOODROW W. MUNSEY from station operator B to station man B; ARCHIE G. PHLEGAR from division heating and builder sales engineer to district electrical engineer; LACY H. WAL-LACE from meter serviceman A to area serviceman.

Charleston District

CEBERT L. CRAWFORD from station man helper to hydro maintenance man, Kanawha Valley Power Company; CHARLES E. HAYMAKER from lineman C to lineman B; THELMA JANE PATTERSON from payroll clerk to petty cash clerk, senior; HAZEL SAMPSON from clerk stenographer to stenographer.

Clinch River Plant

CLARENCE E. BROWNING from junior maintenance man to maintenance man.

Fieldale District

D. W. COOPER from lineman C to lineman B; V. P. REYNOLDS from lineman C to lineman B.

Logan District

RICHARD L. TRAMMELL from station man helper to station man C.

Lynchburg District

HUGH GARRISON from meter reader to Reusens Hydro maintenance helper.

Pulaski District

SANDERS H. BRYANT from meter serviceman A to area serviceman; PAUL T. GRESS from merchandise order and billing clerk, senior, to commercial sales representative; EDMOND A. MARTIN from lineman B to lineman A; DURWARD B. SMITH from T&D clerk to instrument man; GARNET P. WILLIAMS from instrument man to engineering aide.

Philip Sporn Plant

GERALD W. ARNOLD from coal handler to barge attendant; KENNETH E. CARTER from barge attendant to tractor operator; CLYDE T. CLARK from conveyor operator to crane operator; ELTON G. CLEVINGER from laborer to utility operator; ROBERT G. HART from coal handler to tripper operator; GLEN HUFFMAN from tractor operator to conveyor operator; DELBERT E. MURRAY from utility operator to auxiliary equipment operator; ROBERT L. PAYNE from laborer to utility operator; MARION W. ROUSH from coal handler to barge attendant; HAROLD R. RUSSELL from tractor operator to conveyor operator; ROBERT L. SAYRE from utility operator to auxiliary equipment operator; TOMMY B. SIMMONS from coal handler to tractor operator; FRANKLIN E. SISSON from laborer to coal handler; WILBUR J. STEWART from coal handler to barge attendant.

Williamson District

PATSY HACKWORTH from cashier to clerk-stenographer; FRANCES KEADLE from PBX operator to cashier, senior.

In Roanoke Division

Two Thousand Homes Have Electric Heating

More and more customers in the Roanoke division are heating their homes the modern way—with electric heat. At the close of 1960, the division reached another milestone when the number of electric heat customers passed 2,000.

A total of 2,029 homes in the division now have electric heat. Of these, 890 are in the Roanoke district, 758 in the Lynchburg district and 381 in the Fieldale district. The total is 37 percent of the 5,469 electrically heated homes in Appalachian territory.

During 1960, 606 new installations were made, more than the total number of electrically heated homes in the division through 1957. That year there were only 428 electrically heated homes in the three districts.

Two other figures are important—of the 2,029 installations, 238 are conversions. And 148 of the homes belong to employees.

This growth has enabled the division to record an average annual usage per residential customer at the end of 1960 of 4,730 kilowatthours. That is an increase of 1,411 kilowatthours per customer in the past five years.



J. W. Kepner, assistant superintendent of system operations, accepts keys from Reddy Kilowatt to his new, all-electric Gold Medallion home when he became the 2,000th customer in the Roanoke division with electric heat.

Ideas Concerning Lines And Plant Featured In 'AEP Operating Ideas'

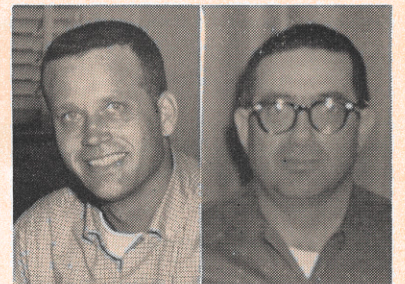
Transmission and distribution lines and plant equipment were the subjects of articles written by Appalachian men and appearing in the January issue of *AEP Operating Ideas*.

H. C. Breeding, electrical engineer, and R. R. Gregory, lineman, of Abingdon, were the authors of "Binoculars Aid In Field Inspection". They point out that among the many uses for binoculars in their work the men have found them helpful in making inspections of hardware mounted near pole top or on cross-arms. And, with the aid of a small mirror to direct light under the recloser sleet hood, they can even read the counter from the ground.

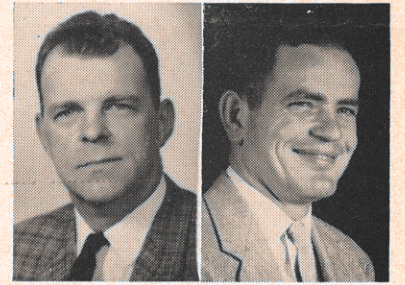
Two Clinch River plant men, Paul B. Blizzard, maintenance foreman, and Edward E. Mamoran, maintenance man, wrote "Modified Foam Tank Permits Cleaning." They tell how it was discovered, in a fire-fighting training session, that foam in the bottom of a truck tank had solidified. And there was no way to clean the tank. In the plant shop certain modifications were made to the tank to provide for easy inspection and cleaning.

T. E. Peay, Clinch River maintenance foreman, wrote "Interchangeable ACB's." Tags have been put on air circuit breakers at the plant showing where each can be used. This has proved valuable in changing the 550-volt air circuit breakers from one location to another.

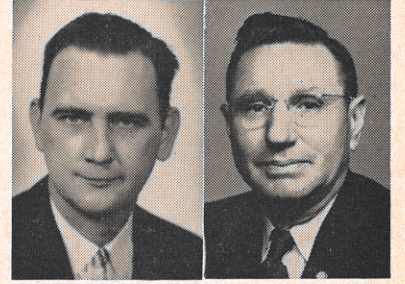
"Method For Reeling Cable From Tractor Winch" was contributed by



Mr. Breeding Mr. Gregory



Mr. Blizzard Mr. Mamoran



Mr. Peay Mr. Doss

J. B. Doss, general foreman, system transmission line department. He tells of a method that has been worked out for reeling heavy cable that is resulting in the saving of manhours and is safer than other methods.

Smith Mountain . . .

(Continued from Page 1)

side of the river so that work can begin on the dam's foundations.

At Leesville, site of the second dam 17 miles downstream, the coffer dam has already been built. Work there has moved much faster than at Smith Mountain because of easier terrain and accessibility, and because no excavations on the scale of those at Smith Mountain were necessary.

Retirement Claims Tom V. Harrington



Mr. Harrington

A veteran of both the electric industry and the U. S. Navy, Tom V. Harrington, meter serviceman at Independence, retired February 1 because of ill health.

He joined Appalachian in October 1945 after serving as an electrician in the Navy during the war. Before that he had worked for several years as serviceman for Carolina Power and Light Company. His first Appalachian job was inspecting on lines built in rural areas by contractors. In 1950 Mr. Harrington moved to Independence as serviceman.

Mr. Harrington is a member of the Virginia Farm Bureau Association, and is interested in farming work. He is also a member of the VFW. He and his wife have held various offices in the Methodist Church. They will continue to live in Independence.

New Plant Almost Ready



The H. K. Porter Company will soon begin full-scale operation in its new plant and office in Lynchburg. Operations should begin sometime in February, according to company spokesmen, and office quarters are already in use. The plant was built by Lynchburg Area Development Corporation for lease to Porter, and it represents the first time that pre-stressed concrete has been used in such a large building in the area.

40, 35-Year Anniversaries Marked By Six Veterans

H. P. Johnson of Glen Lyn plant observed his 40th anniversary with the company in January, and five others marked their 35th anniversaries.

The five are T. E. Hill, Glen Lyn; James Crouch, Roanoke; and Thelma Manning, M. O. Wilson, and A. D. Stockton, Jr., all of system.

H. P. Johnson

Shift operating engineer at Glen Lyn, Mr. Johnson joined the company January 18, 1921 at Sprigg. In 1937 he went to Roanoke's Walnut Avenue steam plant as assistant superintendent, and went to Glen Lyn in 1944 as shift supervisor when Unit 5 went into operation. He became shift operating engineer in 1960.

A member of the First Baptist Church, he is married and has a son.

T. E. Hill

Mr. Hill, Glen Lyn equipment operator, joined the company January 26, 1926 as a laborer. He was with the coal handling department for two years and then went to the operating department as pump man. He was water tender, auxiliary equipment operator, and boiler operator before going to his present position in 1958.

He is married, has a daughter and attends the First Methodist Church.

James Crouch

Mr. Crouch was employed January 1, 1926 as a solicitor, and worked as contract clerk and supervisor of residential sales before becoming Roanoke district administrative assistant in 1951.

He is a member of the Virginia Press Photographers Association, Roanoke Lions Club and Virginia Heights Baptist Church. He is past vice president of the Toastmasters Club and an honorary member of the Future Farmers of America, State 4-H All Stars and Roanoke County 4-H Honor Club. He is married and has one son.

Thelma Manning

Mrs. Manning, secretarial-stenographer in system accounting, completed 35 years on January 18.

She joined the real estate and right of way department of the New River Development Company in 1926 and continued in that department when Appalachian was formed later that year. She later went to the general bookkeeping department of system accounting, and has served in her present capacity since 1949.

She is a member of the Oak Grove Church of the Brethren.

M. O. Wilson

Mr. Wilson, Appalachian personnel director, observed his 35th anniversary January 18.

During his career he has worked for American Gas and Electric (now American Electric Power), Atlantic City Electric Company and Ohio Power Company. He joined Appalachian in July 1926 in the main accounting office in Roanoke. During the next several years he worked in various capacities in several divisions of the company and returned to Roanoke December 1, 1943 as statistician. A year later he became assistant to the general manager.

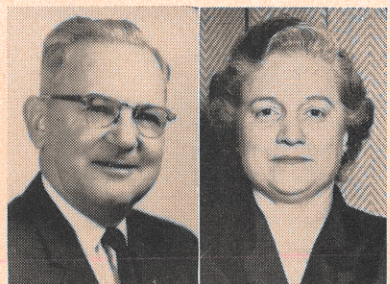
Mr. Wilson was named the company's personnel director January 1, 1949.

A. D. Stockton, Jr.

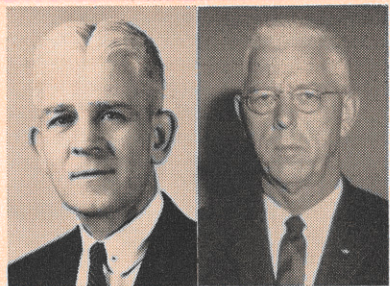
Mr. Stockton, electrical engineer in system station, was first employed in the construction department in civil engineering work. He later transferred to the AEP Service Cor-



Mr. Johnson Mr. Hill



Mr. Crouch Mrs. Manning



Mr. Wilson Mr. Stockton

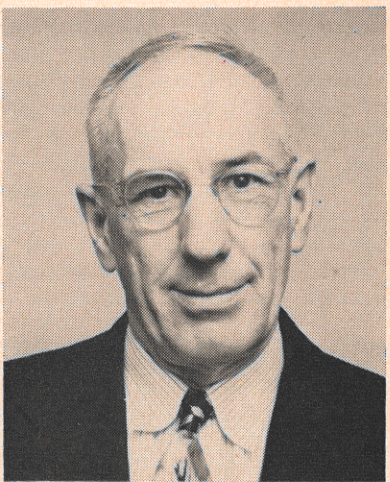
poration's valuation department and collaborated in the creation of the work order and continuing property records system.

He then supervised the installation of this system in Kingsport Utilities and Kentucky Power.

After service during World War II in the South Pacific, he returned to power plant valuation work. He transferred to system station in 1947 and is now supervising construction of new stations in the system.

Mr. Stockton is married and has one son. He is an elder in the Presbyterian Church, and a member of the AIEE, Masons, Shrine and Appalachian Trail Club.

Bluefield Vet Dies Unexpectedly



Mr. Gregory

Aubrey Barnes Gregory, 61, died suddenly January 21 while on duty at the company garage in Bluefield.

The veteran auto repairman was employed in 1927. A native of Cove Creek, Va., he was a member of the Trinity Methodist Church.

Surviving Mr. Gregory are his wife, a son, James T. Gregory, Charleston employee; two daughters, two grandchildren, four brothers and four sisters. Burial took place January 23 in the Roselawn Cemetery near Princeton.



Appalachian Power Company

Abingdon District—15 YEARS: H. F. PIERCE, T&D clerk. 10 YEARS: NELLIE GILLENWATER, janitress.

Bluefield District—30 YEARS: JAMES C. SMITH, JR., division power sales engineer. 15 YEARS: DAVID M. DAVIS, working foreman; CECIL A. KELLY, line inspector. 5 YEARS: REESE T. BOWEN, JR., lineman.

Cabin Creek Plant—20 YEARS: O. A. HESSON, maintenance foreman.

Charleston District—25 YEARS: HARVEY R. ALLISON, truck driver-groundman; A. F. WHAPLES, area serviceman. 15 YEARS: ROMEO E. GULLEY, line foreman; JAMES P. McCORMICK, groundman. 10 YEARS: ROSIE SANDOR, contract clerk, senior. 5 YEARS: LENZIE J. HEDRICK, assistant district engineer; BETTY JO KIRK, cashier-clerk; FRANCES McHENRY, stenographer; WANDA NELSON, contract clerk.

Clinch River Plant—10 YEARS: EUGENE P. OTT, plant engineer.

Fieldale District—10 YEARS: J. C. LUTHER, collector.

Glen Lyn Plant—40 YEARS: H. P. JOHNSON, shift operating engineer. 35 YEARS: T. E. HILL, equipment operator. 25 YEARS: W. R. JOHNSON, assistant shift operating engineer. 20 YEARS: L. K. JOHNSTON, JR., unit foreman. 10 YEARS: K. E. BEASLEY, coal and ash equipment operator; H. P. JACKSON, JR., maintenance helper; J. H. OXLEY, chemist assistant; O. L. WHITLOW, coal and ash equipment operator.

Huntington District—20 YEARS: GEORGE T. McCLURE, collector. 10 YEARS: A. C. MIRTZ, T&D clerk, sr.

Kanawha River Plant—10 YEARS: G. E. LEMASTERS, assistant plant manager.

Point Pleasant District—5 YEARS: S. E. SAUNDERS, lineman.

Pulaski District—20 YEARS: NANCY N. ESKRIDGE, cashier, sr.; ROY C. NESTER, working foreman. 15 YEARS: WARREN F. CHILDERS, electrical engineer; HAZEL L. HAWKINS, contract clerk, sr.; CHRISTIE HURST, lineman; ANN S. POE, contract clerk, sr.

Roanoke District—35 YEARS: JAMES CROUCH, administrative assistant. 15 YEARS: A. L. STEBAR, JR., T&D clerk, sr.; R. H. THOMAS, JR., collector. 10 YEARS: G. M. ADKINS, material clerk; C. J. PUFFENBARGER, lineman. 5 YEARS: J. M. HOPSON, janitor; I. J. LAYMAN, JR., groundman; S. M. MUSSELMAN, groundman.

Philip Sporn Plant—10 YEARS: WILLIAM R. DEAN, unit foreman; EMMA M. FORTHE, bookkeeper, sr.; LOUIS J. KARSCHNIK, unit foreman; NELSON R. ROUSH, master maintenance man; RAYMOND J. WILLIAMSON, supervisory assistant.

System—35 YEARS: THELMA D. MANNING, secretarial-stenographer; A. D. STOCKTON, electrical engineer; M. O. WILSON, system personnel director. 15 YEARS: S. E. PORTER, system chief of party. 10 YEARS: D. R. ATKINSON, system instrument man; T. D. CARROLL, system senior relay engineer; JOAN W. PAGANS, accounting machine operator clerk; LORENA T. WALTON, system personnel record clerk. 5 YEARS: N. J. BURNSIDE, JR., system station operator; BARBARA G. DOSS, stenographer; T. G. FOWLER, system transmission man; D. E. PETERS, system transmission man.

Welch District—20 YEARS: WILLIAM HULME, head T&D clerk. 15 YEARS: HOWARD H. BIVENS, stores supervisor; ALONZA HARDY, JR., meter serviceman.

Williamson District—15 YEARS: HAROLD AKERS, meter serviceman; K. L. EPPERLY, lineman; R. T. WILLIAMS, station man.

Kentucky Power Company

Ashland District—20 YEARS: PAUL B. LUMBARD, district personnel supervisor. 15 YEARS: LIEW OSBORNE, line foreman.

Pikeville District—30 YEARS: H. H. KINCAID, district manager. 5 YEARS: FREDDIE D. COLLIER, stationman.

Your Insurance Doesn't Create Any New Money

Insurance is merely a way of pooling money to protect people against some of the economic consequences of sickness or injury that might occur.

No new money is created. If the incidence of sickness or accidents rises, then naturally you must pay higher premiums to cover the cost of protection. Even when your employer or your union pays for your insurance, the money paid out is actually money that might be coming to you if it were not needed to purchase insurance.

When you do collect insurance benefits, it is mainly your money, not the company's money that is being paid to you. When one policyholder makes unnecessary drains upon a company, he is actually dipping into your "investment".

Remember, you don't have to use your insurance to "collect". You win when you are spared that accident or illness against which your insurance protects you.

(From a pamphlet of the American Medical Association.)

Roanoke Employee Retires Early



Mr. Likens

G. C. "Cleve" Likens, Roanoke district groundman, retired December 31 due to ill health after 27 years with the company.

He was employed as a groundman September 18, 1933. He was born at Floyd and attends the Poages' Mill Church of the Brethren. His hobbies are hunting and fishing. Mr. Likens is married and has two children.

Sharpe Retires On Ill Health



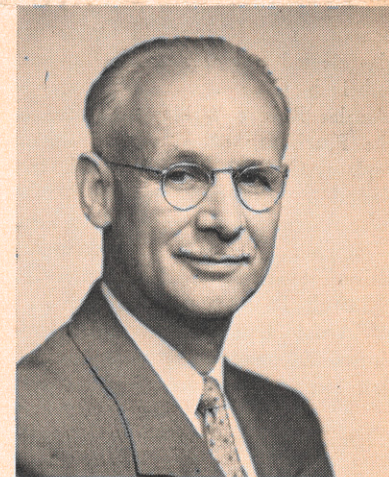
Mr. Sharpe

Illness has forced the early retirement of Campbell B. Sharpe, working foreman at Marion.

Mr. Sharpe began working for Appalachian February 25, 1936. His first assignment was with the district extra gang as a lineman working out of Pulaski. The same year he was sent to Marion. He worked there with the local service crew as lineman, assistant line foreman and working foreman.

Mr. and Mrs. Sharpe expect to maintain their residence in Marion, where they are active in civic and church affairs. They are members of the Mt. Carmel Methodist Church, and have one daughter.

H. P. St. Clair, Retired, Dies



Mr. St. Clair

Harry P. St. Clair, Sr., 65, died December 31, one month after his retirement following 36 years of service with the AEP Service Corporation. He had suffered a heart attack the previous day.

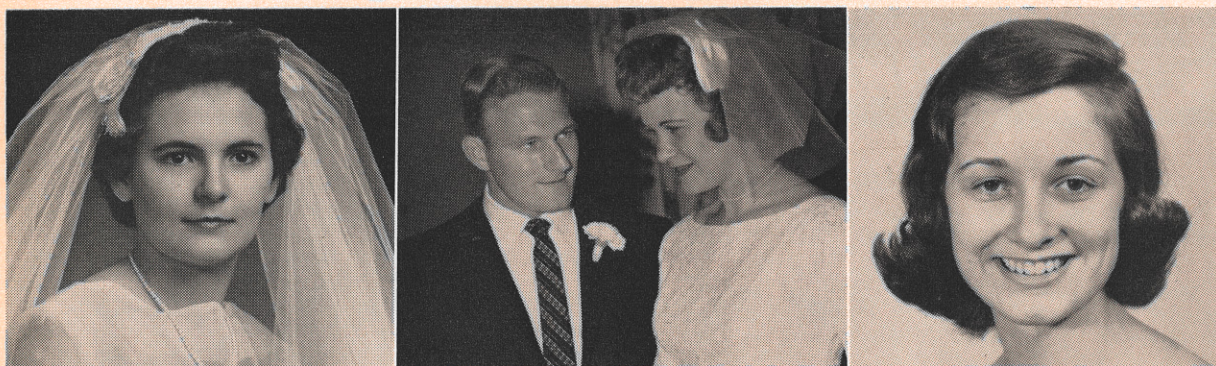
Formerly manager of system planning and operations, Mr. St. Clair had served as a consultant since January 1959. He joined AEP in 1924 as an assistant engineer and by 1945 was assistant head of the planning and operating division. He was named its manager in 1954.

He was a Fellow of the American Institute of Electrical Engineers and had been active in several professional societies and groups, including the Edison Electric Institute.

He is survived by his wife, a daughter, two sons and five grandchildren. One son, H. P., Jr., is a member of the Service Corporation public relations department, and the daughter, Mrs. W. J. Webb, of Ravenna, O., is the daughter-in-law of W. L. Webb of the Service Corporation.

Funeral services were held January 2 in the First Presbyterian Church of Verona, N. J. and burial was in Claremont, Calif.

Wedding Bells Ring For Couples



Wed in recent weeks were, from left: Mrs. Darrell Michael Joyce, Fieldale; Mr. and Mrs. Stanley Mark Jarrett, Charleston; and Mrs. Donald Crosbie, Pikeville.

Justice-Crosbie

Judith Ann Justice was married to Donald Crosbie on January 13. Mrs. Crosbie is the daughter of Claude H. Justice, Pikeville district area sales representative.

Asbury-Jarrett

The Mountain Mission in Charleston was the scene of the January 14 wedding of Jo Ann Asbury and Stanley Mark Jarrett. Mrs. Jarrett is a clerk-stenographer in the Charleston district.

Bluefield . . .

(Continued from Page 4)

wanis Club . . . Bertha M. Hall, Princeton utility clerk, Past District Governor, was chosen to serve as installing officer of the Quota International First District officers for 1961 at the First District Conclave held recently at the Greenbrier Hotel, White Sulphur Springs . . . "Dee Dee" Riley, daughter of William H. Riley, Jr., division area development representative, was recently selected as one of the two outstanding girl science students at Bluefield High School. The 17-year-old senior was also elected treasurer of the Bluefield Sub-Deb Club . . . Welcome to Charles Robert Williams, janitor in the Pearisburg office. Mr. Williams replaces Cornelia G. Lively who resigned . . . Other employees who have resigned are Vernon Blake Yost, a member of the Bluefield transportation department, and James E. Caldwell, Pearisburg groundman . . . W. Arnold Crotty, utility clerk, continues his outstanding work in area first aid. Arnold recently completed an American Red Cross Instructor's Refresher Course, conducted in Bluefield by George Reading, first aid area representative from National Headquarters. Arnold has been active in teaching first aid to Civil Defense and community groups in the Bluefield area.

50th Anniversary



Mr. and Mrs. J. L. Sutphin of Bluefield celebrated their 50th anniversary December 28. They are the parents of James S. Sutphin, Switchback station man of the Welch district. The couple was married in Hillsville in 1910. Eight of their ten children were present for the celebration, and many friends and other relatives came by during the day. They have 25 grandchildren and 4 great-grandchildren.

Merriman-Joyce

Brenda Lee Merriman and Darrell Michael Joyce were united in marriage in a double ring ceremony performed December 21 in the Fieldale Baptist Church. Mrs. Joyce is the daughter of the late H. B. Merriman, former line foreman in the Fieldale district.

Shaffer-Smith

Ruth Ann Shaffer became the bride of Fred E. Smith in a double ring

ceremony December 14 at Liberty Chapel in Crown City, Ohio. Mr. Smith is an auxiliary equipment operator at Philip Sporn Plant.

Webb-Hubbard

December 31 was the wedding day of Patricia Ann Webb and Joseph R. Hubbard, Jr., who were married at the Memorial Baptist Church in Pulaski. Mr. and Mrs. Hubbard are system accounting employees in Roanoke.

They're Engaged

ELNORA CHAMBERS to Lawrence Smith. Miss Chambers is a Bluefield division home service representative.

MARGARET LOUISE HARRIS to Paul Barbery. Miss Harris is the daughter of Henry M. Harris, system engineering aide in Bluefield.

FREDA SHIPLEY to Carl Boyles. Miss Shipley is a clerk-typist in the Charleston district.

NANCY JANE ARTRIP to Billy Couch. Miss Artrip is a clerk-typist at the Clinch River Plant.

JANE ANNE CAMPBELL to Johnny C. Jenks. Miss Campbell is a clerk-trainee in the Clinch River Plant's construction department.

POLLY J. GOAD to Pfc. Raymond Paul Wright. Miss Goad is a T&D clerk in the Fieldale district.

BETTY MAE DAVIDSON to Robert B. Harris. Miss Davidson is a cashier at Kingsport.

PHYLLIS A. MILLER to George H. Hesson. Miss Miller is a clerk-stenographer in the Point Pleasant district, and Mr. Hesson is a laborer at Philip Sporn Plant.

JOYCE ANN BANE to Ray Edwin Lester, Jr. Mr. Lester is the son of R. E. Lester, Pulaski district heating and builder sales representative.

NANCY BELCHER to Wayne Jacobs. Miss Belcher is a system accounting clerk-stenographer in Roanoke, and Mr. Jacobs is a reproducing machine operator in the Roanoke district.

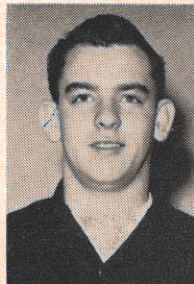
FRANCES LOWE to C. B. Hampton. Mr. Hampton is a reproducing machine operator in the Roanoke district.

MYRTLE M. BEVINS to Charles F. Burchett. Miss Bevins is a general clerk and the daughter of Lat T. Bevins, general serviceman. Mr. Burchett is a groundman and the son of Charles Burchett, area serviceman. All are employees in the Williamson district.

CAROLYN MILHOAN to Bruce Bradford. Miss Milhoan is the daughter of Mrs. Paul Theis, whose husband is office supervisor at Philip Sporn plant.

Youthful Musician To Play In Europe

Danny Bailey of Bluefield has been selected as a member of the School Band of America to tour Europe this summer.



Danny Bailey

The 15-year-old son of James R. Bailey, general serviceman, has played the drums for five years. He will accompany the band on its four-week tour, which will include 10 concerts in England, The Netherlands, Belgium, Germany, Switzerland, France, and Luxembourg. He was selected during a nationwide series of auditions.

Danny is a 10th-grade student at Bluefield High School. He has won several music awards, including the First Class Musician, Star Musician and National Drummers' Association citations.

Williamson Honored For Safety Record

A Certificate of Merit, in recognition of 500,000 consecutive manhours without a disabling injury, has been presented the employees of the Williamson district.

D. C. Duncan, system safety director, presented the award, which was signed by Philip Sporn, president of AEP and of our companies; R. E. Hodges, Appalachian vice president and general manager; and Mr. Duncan.

The manhour record was accumulated from October 17, 1957 to October 19, 1960. The district also had perfect safety records in 1942, 1943, 1946, 1948, 1949, 1950 and 1953.



New Arrivals



Ashland

MR. AND MRS. JIM ENGLAND, a daughter, Jennifer Carol, January 8. Mrs. England is a former home service representative.

Bluefield

MR. AND MRS. MERVYN E. ANDERSON, a son, Darryl Lee, October 28. Mr. Anderson is a Princeton groundman.

MR. AND MRS. WILEY B. BUCHANAN, JR., a son, Phillip Hoge, December 17. Mr. Buchanan is a Pearisburg groundman.

Charleston

MR. AND MRS. PAUL GOODE, a son, Darrell Owen, November 25. Mr. Goode is a Montgomery T&D clerk.

MR. AND MRS. THEODORE B. PAYNE, a daughter, January 8. Mr. Payne is a station man helper.

Clinch River Plant

MR. AND MRS. JOHNNY S. SKEEN, a daughter, Carla Melanie, January 16. Mr. Skeen is a utility coal handler.

Glen Lyn Plant

MR. AND MRS. BOBBY A. CLEMONS, a daughter, December 30. Mr. Clemons is a utility man.

MR. AND MRS. LLOYD B. JACKSON, a son, December 8. Mr. Jackson is a utility man.

Lynchburg

MR. AND MRS. CLYDE BROWN, a daughter, Linda Kay, December 16. Mr. Brown is a janitor.

Roanoke

MR. AND MRS. L. E. DREW, a son, Dwayne Delano, December 3. Mr. Drew is a janitor.

Charleston . . .

(Continued from Page 4)

ties of the Electric League of Charleston . . . Area Development in the state was the subject of a talk before the Electric League recently by Jack Lloyd, Charleston-Huntington division area development representative. Joe P. Gills, division manager, introduced Mr. Lloyd.

Canvas, China, Buckets

Four Tubes Of Paint Started Hobby For Agnes Dillard, Lynchburg Artist

"I love to paint." That's the way Lynchburg's Agnes Dillard both describes and explains her hobby. She paints: on canvas, glass, pottery, and buckets.

Buckets? "Yes, buckets. Just ordinary sand buckets such as you buy at a dime store. I paint them black, create a design on them, shellac and then wax them. I have painted over a hundred, sold a few, but given most of them to friends."

Miss Dillard, contract clerk in Lynchburg accounting, started her hobby in a rather unusual fashion. When she was a young girl her aunt, a former school teacher, gave her four tubes of paint: green, red, yellow and blue. This, and a brush, was all she needed, because shortly thereafter, the family china and lamps began showing up with colorful floral designs.

Her interest began to flag until, in high school, she enrolled in a

Philip Sporn Plant

MR. AND MRS. WYLLIS F. DAVIS, a daughter, Lisa Michele, January 3. Mr. Davis is a maintenance man.

MR. AND MRS. KENNETH L. FINLEY, a daughter, Tamara Lynn, December 30. Mr. Finley is an investment accountant.

System

MR. AND MRS. WILLIAM B. BASHAM, a son, Michael Lee, December 19. Mr. Basham is a system transmission man helper in Bluefield.

MR. AND MRS. DALFORD G. HARMAN, a son, Gregory Kent, December 26. Mr. Harman is a system transmission man in Bluefield.

MR. AND MRS. J. EMMETT BLACKWELL, a son, James Todd, born January 14. Mr. Blackwell is market analyst.

Welch

MR. AND MRS. V. J. CLAYTON, a daughter, Cynthia Jean, December 31. Mr. Clayton is a station man helper.

LBE Keynoter Cites Tough Competition

John H. K. Shannahan was keynote speaker at the fifth annual "Live Better Electrically" Women's Conference January 12-14 in Chicago.

He is assistant vice president for sales of the AEP Service Corporation. In an address titled "From Here On", Mr. Shannahan told home service directors of electric utility companies that the industry faces increasingly tough competition in the years ahead.

The trend toward total electric living was stressed at the conference, which had as its theme "Parade of Progress". The conference was sponsored by Edison Electric Institute.

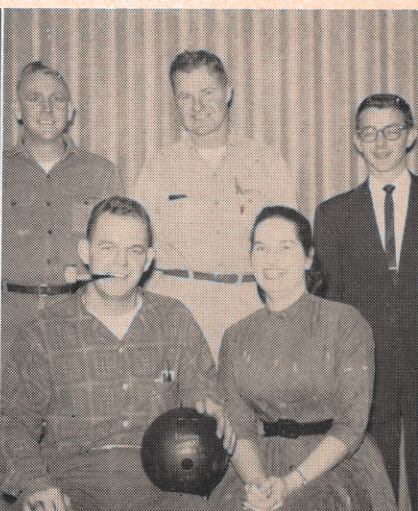


A covered bridge and a rural house were executed in oils by Miss Agnes Dillard of Lynchburg. Painting on canvas is just one medium of this talented artist.

Seven Bowling Leagues Reach Season Markers



LEFT: The Dead Ends won the first half of the Bluefield District Company League. From left are team members O. C. Hawley, H. D. Jones, Jr., G. E. Hill, Jr., Eulalia Foto, E. E. Fanning and P. H. Fry.



RIGHT: The Green Sox were winners of the first half of the Montgomery Kilowatt League (Charleston district). Team members include, front row from left: Bill Grimmett and Betty Smith; back row, Fred Dooley, Claude Smith and Ed Sheets.

Several leagues around our three companies have declared first half champions and reached other markers along the season route.

Charleston

Two district leagues reached the halfway point. In the Charleston Kilowatt League, the Live Wires finished 3½ games in front of the pack to win the first half.

Harold Monk's 246 is high game, while Barbara Adkins leads the girls with a 213. High series have been rolled by Lom McKinney, 572, and Bonnie Jarrett, 543. In the handicap division, Steve LaCroix (285) and Barbara Adkins (271) claim high singles, while Floyd Taylor and Bonnie Jarrett hold high series of 713 and 696. Dick Speas has high average with 167, and Judy Hackney leads the ladies with 148.

At Montgomery, the Green Sox edged second-place Hawks by 1½ games for the championship. Russ Fields and Jeanne Bryant have high averages of 171 and 147. Jeanne also leads in all other categories, actual pins and handicap, with games of 196 and 242 and series of 535 and 667.

Wiley Gwinn's 221 is high game for the season and Russ Fields has high series of 557. In the handicap division, C. W. O'Daniels rolled high game of 276 and Dink Hammer high series of 705.

Sporn Plant

Carroll's Shift finished first by a



These seven paced the Carroll's Shift team to the Philip Sporn Plant Bowling first half championship. Seated are, from left: Ray Mulford, John Ferguson, Charlie Carroll, Clate Athey and Bob Sayre. Standing are Charles Haley and John Reitmore.

slim one-game margin in the Philip Sporn Plant Bowling League. Two teams, Half & Half and Tennant's Shift, finished second.

Bill Hayes has high average of 174 and Clayton Athey has high game of 244 and high set of 603. Tennant's Shift has high team game of 919 and the Trippers high team series of 2605. James Bennett and Jack Johnson received awards for triplicate games, three identical scores in a three-game series.

Ashland

The Hot Taps were forced to wait until the final night of the first half when the team cut down the Cut Outs for the championship.

For the league, Roy Sallee has high average of 164, while Jim England

rolled high single of 244 and high set of 633.

Bluefield

The six-team Bluefield district Company League first half title went to the Dead Ends.

The team won the championship with a record of 32-19 and an average of 731 pins a game.

Williamson

The Hawks swooped away with first half honors in the Williamson Bowling League, finishing two games ahead of the Owls.

J. E. "Sonny" Runyon took top honors with high average of 161, high game of 217 and high series of 543.

Kingsport

It took a five-game roll-off, but the Kingsport Utilities' team won the second quarter title of the Cherokee Bowling League. With identical won and lost record and handicap as its opponent, Larry's Lane, Kingsport knocked the team into second place.

Helpful to the cause was a 190-average for the five games by J. G. Rayfield, who holds individual high average of 176 for the league. W. Z. Trumbo is second at 175.

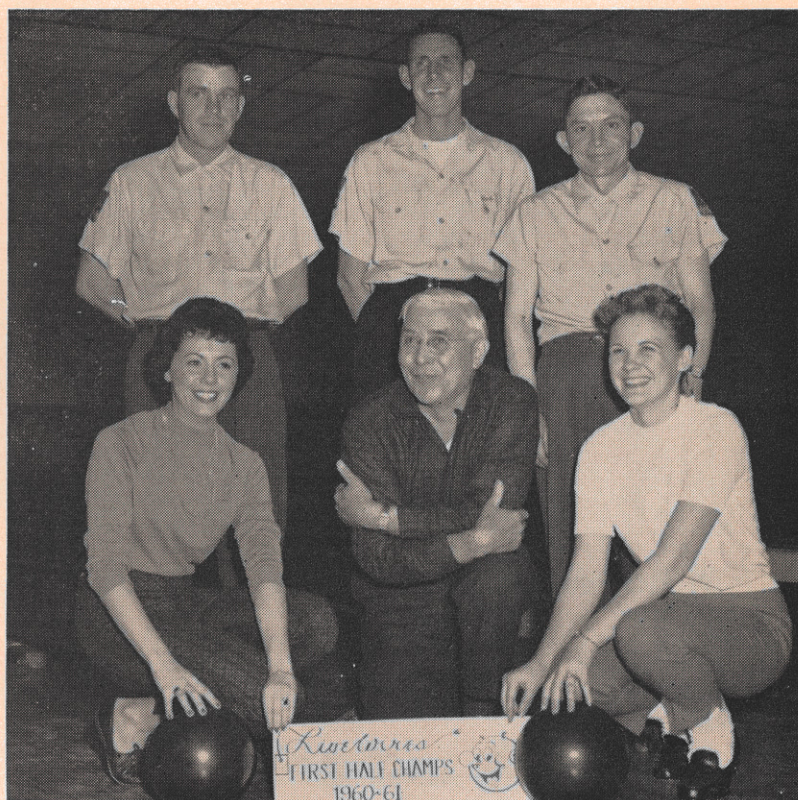
Other team members include captain J. L. Kesterson, J. A. Randall, E. J. Fugate, H. R. Morrison and J. H. Carter.

Outstanding Record In Safety Marked

An industry in Appalachian territory has run up an enviable safety record, and its employees have just been honored for their efforts.

The industry is the Piney River plant of the American Cyanamid Company, in the Lynchburg district. Its 425 employees have worked 9,900,810 consecutive manhours over a 10-year period without a disabling injury.

The record is unprecedented among Cyanamid's 40 plants, and reaffirms Cyanamid's record as a leader in the U. S. safety movement.



Charleston's first half was taken by the Live Wires. Team members include, kneeling from left: Conda Fisher, Oscar Dabney (retired) and Jo Ann Jarrett. Standing are, from left: Dick Bradley, Bob Selbe and D. F. Boggess



Team members Bronson Callihan, Clay Daniels, Virgil Brewer and E. J. Humphrey, plus Tommy Toombs who was not present when this picture was taken, rolled the Hot Taps to the Ashland championship, first half version.

System, Clinch Men Lead Lebanon Club

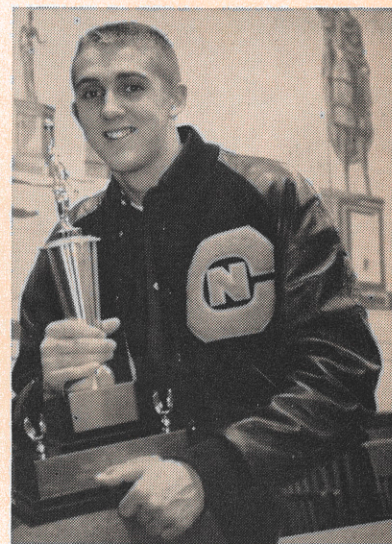
Fred M. Lawson has been elected president of the Lebanon Kiwanis Club.



Mr. Lawson

Clinch River shift operating engineer, and Lee A. Singleton, plant maintenance foreman. They were named to the board of directors.

Bryan, Court Star, Presented Trophy For Sportsmanship



Clark Bryan and his sportsmanship trophy earned in a basketball tournament.

Playing forward for the Carson-Newman College basketball team, Clark Bryan of Kingsport earned the sportsmanship trophy of the annual Christmas basketball tournament at Camp Lejeune, N. C.

Clark is the son of C. J. Bryan, Kingsport assistant general manager.

Carson-Newman finished third in the eight-team invitation tourney. The sportsmanship selection was made from the players participating by the coaches of the eight teams and the game officials.

Clark is second high scorer for his team, which has a season record of 10-4.

Pulaski Man Heads Band Booster Club

Paul T. Gress has been named to the presidency of the Band Boosters' Club of Pulaski High School.



Mr. Gress

Pulaski commercial sales representative, he has been active in PTA work for several years, currently serving as vice president in charge of programs. The Boosters' Club has as its main purpose the buying of instruments and uniforms for band members. Mr. Gress is a member of the First Methodist Church and the Masonic Order. He is married and has two children.

Bantam Bowler



Only eight years old, Johnny Hubbard has already won trophies for his bowling prowess. The son of K. K. "Buddy" Hubbard, Roanoke engineering aide, Johnny rolled high scratch game of 154 and high handicap set (two games) of 350 in the Bantam Division of the recent Junior Bowling Tournament in Roanoke.



End of an era: workers begin dismantling a company cottage that stood in Buck camp for nearly a half-century.

Buck Camp, AEP Landmark, And Home To Employees For 47 Years, Dismantled

As Appalachian, with its vast expenditures for new facilities, stands on the threshold of a new era, symbols of another time are quietly being dismantled.

In the fall of 1912, perhaps the last of the normal years, Byllesby and Buck Hydro plants were put on the line, and started delivering power to Bluefield, West Virginia and the country in between. The men who first operated these plants lived with their families near the plants, or in temporary housing facilities. The next year, permanent housing for them were built at both plants. Operators and maintenance men settled down there in new cottages, and the Byllesby-Buck camp was a familiar place to plant visitors.

It was a comfortable community. Employees' children grew up in the cottages, went to work for the company themselves, and had their own children who did the same. The early day names like Sharp, Smythers, Ryan, Weatherman, and many others,

are still seen on company payrolls, in today's operations all through the Pulaski district.

Times change. New plants and new needs put the old aside. Not long ago, when Buck was automatized and came under direct control from Byllesby, it was decided to abandon the Buck camp, and move the affected families to Byllesby and other locations. One of the cottages typical of the rest, was the home of five families. The first to live in it was Bob Gilliam, operator; then came Charlie Shepherd, a patrolman; R. S. Smythers and his family lived there for 25 years while he worked as floorman and operator; Walter Taylor, a maintenance man followed, and the last man to live in the cottage was H. L. Honeycutt, assistant operator at Buck, and now working at Claytor.

Last month, the cycle came to a close. They tore down the cottages at Buck.

Music For Any Taste, Event Feature Of Hazard Man's Record Collection



Picking out a record to play is both easy and hard for Jesse Payne of the Hazard district. It's easy because his albums are indexed to show the artist, record, record number and so on. It's hard because he has so many records to choose from, over 700. Mr. Payne built the record cabinet at the right.

Records to suit any occasion and for any musical taste is the proud boast of Lother's Jesse Payne.

The Hazard office head janitor has just the hobby for his leisure hours after retirement March 1. A music fan as well as a record collector, he now owns over 700 records he values at over a thousand dollars, and they range from the Carter Family to Elvis Presley, from folk songs to bop.

He has been collecting for many years and in many cases it took quite a bit of perseverance. The Carter Family album is an example. For four years he tried locating it in

this country, and finally found it in Canada. How did he find the dealer? "I just addressed the letter to the 'Biggest Record Shop in Canada' and in a short time the album arrived."

Mr. Payne is also an expert woodworker and has a complete workshop in his home. Two years ago his house had one story and five rooms. Mr. Payne has since added a half story containing two bedrooms and a bath. His woodworking hobby pays off in his record collection too—he made a record cabinet to hold his vast collection.

Preparedness, Alertness Bywords Of DEPA, Appalachian Training

Shortly before Christmas, when most people were preparing to celebrate "peace on earth", 16 men met in Charleston to train for certain responsibilities they will meet if and when this peace does not prevail.

The 16, all employees, were attending the first course in Appalachian in radiological monitoring and defense. Object of the course was to train the men to read and use instruments which measure concentration of fallout, whether it be caused by peacetime accident or by a nuclear attack.

The course is part of the function of the Defense Electric Power Operation, a national organization charged with planning the actions and responsibilities of the electric utilities in case of emergency. H. E. McCormack, superintendent of system operations, is the DEPA liaison representative for Appalachian, and his department is concerned with Civil Defense activities. A. B. Sneed, system operating engineer, is instructor for the course, the second of which will be held in Roanoke next month, with others to follow later. Mr. Sneed was trained by the Department of the Interior at its school in Cincinnati.

In order to be proficient, those who will be responsible for determining when an area is safe from radioactive contamination, or how long a person may be exposed in a given area, must develop certain knowledge and skills. Among those are the understanding of radiation and its hazards, detecting and measuring radiation, elements of data reporting and fundamentals of personal protection. As part of their training the 16 men made a trip to the old Charleston plant on Slack Street, where capsules containing 12 sources of radioactive Cobalt 60 of low intensity were placed at strategic places. Each man was equipped with a geiger counter with which he measured concentration of radiation. Each man was also equipped with a dosimeter to record dosages he received. This information becomes part of a lifelong record.

The DEPA itself, under which the Charleston class was held, develops and maintains mobilization plans, conducts periodic training during practice alerts, develops plans for company-owned communications and provides for the continuity of management.



Learning the use of geiger counters, these men took the first radiological monitoring course in Charleston. Standing from left are Robert Martin, Walk Minsker, Lynn Keyser (Office of Civil Defense Mobilization observer), C. A. Perkins and A. B. Sneed, instructor. Seated on the left side of the table are from left: Mason Wood, Charlie Weise, Bill Ferrell, Bob Hall and Dick Huffman. Seated on the right side of the table are from left: Paul Goode, Pete Steenbergen, Bill Gilmour, Bob Christenson and Opie Allen. Bob Loudermilk is not present.

It also is responsible for preservation of records, the support of personnel morale and safety, the appointment of liaison to civil defense offices and the conduct of radiological defense.

In event of attack, it will effect curtailment of non-essential use of power, provide for mutual aid between utilities, and report damage, remaining capabilities and total demand of power facilities to the area

power director. Since directions from a central field office might be impossible, the effectiveness and self-sufficiency of operations will be dependent on pre-designation of authority to field officials and positive action by individual electric utilities.

Appalachian is preparing to meet this responsibility—the classes in radiological monitoring are one of the ways.

Retired "Jay Bird" Makes Chickens Do Work; He Only Counts The Eggs

In retirement, J. T. Harrold, formerly of the Williamson district, decided that carpentry, masonry, gardening and flower-raising weren't enough to keep him busy. Now he's taken up the chores of a poultry farmer.

He retired in February 1947 after 31 years of service, and found ample things to keep him occupied. Then, last year, he went to Hays, North Carolina, to help his sister on her farm. He discovered that he liked the farming life, and in fact, that he wanted to expand it.

So, in November of 1959 he started out with a flock of 3,000 one-day-old chicks. Five months later, he began collecting 2,100 eggs every day, which he sold to a North Carolina hatchery.

Mr. Harrold, who was called "Jay Bird" during his working days, is proud of the fact that at 78 his health is still good enough to permit him to



Here's J. T. "Jay Bird" Harrold, retired Williamson district man, who has turned into a poultry farmer in North Carolina. In the buckets is part of his daily egg take.

work as hard as he does, and that includes picking up 2,100 eggs every morning.

Charleston Uses Scale Model To Explain Nuclear Power

Children in Kanawha County are learning about nuclear power from a scale model of an atomic power plant given to the county school board by Appalachian.

The kit, designed by Westinghouse, is one of two acquired by the Charleston district. One, given to the school board, will be placed in the board's reference library, and made available for science and physics classes in the schools. John Griffie, heating and builder sales representative, will also be available to describe and explain the miniature power plant to the students.

The second model will be assembled and kept in the division commercial department for similar use in the counties surrounding Kanawha.

Each kit is composed of several hundred parts, and takes about 40 hours of assembling time. The problem of assembling the model was overcome through the assistance of Ronald Thomas, industrial arts super-



Posed beside the safety board at Bluefield are M. M. Yost, station supervisor, and G. E. Hill, Jr., originator of the idea. The board shows at a glance just how safely everyone in the station crew has worked.

visor in the state department of education. He arranged for the industrial arts class of University High School in Morgantown to assemble

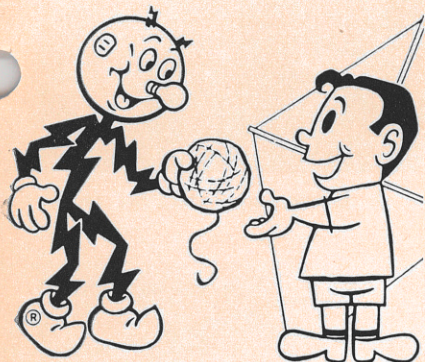
one, and a similar class at Fairmont State Teachers College to assemble the other. Both jobs were undertaken by the classes as a learning aid.

Reddy's Safety Tips

Kite Flying Is Still Fun But Sport Has Its Dangers

Man, since the dawn of history, has put the wind to many uses. And while the older folks were making the wind work for them, the children also found the wind to be a friend. It was just the thing to make diamond or box-shaped conglomerations of wood, paper, cloth and twine soar into the sky.

And so it is today, as our children once again begin their annual kite buying, building and flying. The kites might be a little more modern and streamlined, the flyers a little more numerous, but the thrill and fun are the same.

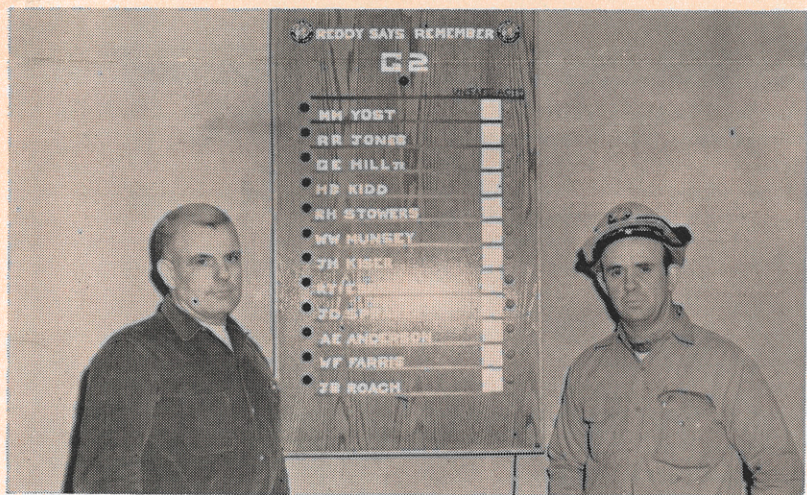


The dangers confronting the youth who doesn't take the proper precautions in flying or making his kite are many, today.

Reddy Kilowatt realizes this, and in his annual message to these junior birdmen gives some pointers on enjoying safe kite flying. There are eight simple safety rules that every kite flyer should know and follow.

1. Don't fly a kite with metal in the frame or tail.
2. Don't use tinsel-string wire, or any twine with metal in it. In both cases, if a kite or tail with metal in it contacted a power line, painful burns and serious injury could result.
3. Don't fly a kite in the rain.
4. Don't pull on the string or climb a power pole to loosen a snagged kite. It is safer to get a new kite.
5. Don't fly a kite over TV or radio aeri-als.
6. Don't fly a kite near electric power lines.
7. Don't run across streets or highways while flying kites.
8. Don't touch fallen electric wires.

Safety Becomes Matter Of Pride In Bluefield Station Crew Plan



John Griffree, center, explains some of the features of the scale model atomic power plant to a group of vocational students at Winfield High School. The student is Tommy McCallister; the man at right is Paul Shafer, vocational agriculture teacher. Mr. Griffree is heating and builder sales representative.

Safety in the Bluefield district station crew has become a matter of personal pride as well as responsibility under a new plan devised by G. E. Hill, Jr.

Mr. Hill, stationman, got his idea from G-2 on page 11 of the Safety Manual, which reads "Every employee is expected to study the Safety Manual, familiarize himself with its contents and apply them to his work." With this in mind, and with the help of M. M. Yost, station supervisor, Mr. Hill built the board and lights.

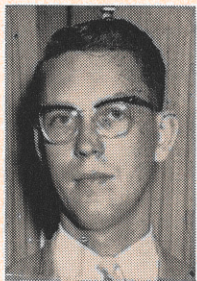
Every man in the station crew has his name on the board. On one side is a green light, on the other, a red. When a man is observed committing an unsafe act, it is discussed with him at the time. When they return to headquarters, the green light by his name, normally lighted, is turned off, and the red one turned on. At the same time a map tack is pushed into a square painted opposite the man's name. The lights run from one safety meeting to the next.

At the meeting each unsafe act is discussed, and the lights made green again. But the tacks are not removed,

except yearly. The board was put into use January 1.

Employee Will Lead Chapter Of WVSPE

R. R. Griffith of Oak Hill has been elected president of the Appalachian Chapter of the West Virginia Society of Professional Engineers.



Mr. Griffith

The area supervisor in the Beckley district has been a member for several years, and was secretary in 1960.

He joined the company in 1949 as an engineer-trainee and was electrical engineer before becoming Rainelle area supervisor in 1954. He later moved to Oak Hill in the same capacity. He is the coordinator of the Work Simplification program and AEP Operating Ideas for the district.



A demonstration of one of the major advantages of Roanoke's new truck—speed—is shown at left. While A. S. Pullen is already replacing a street light using the new truck and its hydraulic boom and fiberglass bucket, J. M. Brown at left, using the old ladder truck, is still not



quite in position for replacement. Both are district street light attendants. At right, Mr. Pullen is shown after he has replaced a lamp and is lowering the bucket into the cradle on the truck, preparatory to being driven to the next street light.

New Roanoke Truck A 'First' In Appalachian Lighting Group Replacement Program

It is not often anyone in the Roanoke district sees a burned out street light.

Major credit for this goes to the company's "group replacement" program, where all of the district's 3,920 street lights are changed on an average of 1.9 times a year, before they burn out in most cases.

And now, to aid in this program, a new street light truck, first of its kind in the company, has been put into service in the district. The truck has a hydraulic boom with fiberglass bucket, and replaces the hydraulic ladder truck.

Because it makes street light replacement a faster job, the truck will enable the district to keep pace with the growing number of lights in Roanoke, Vinton, Rocky Mount, New Castle, Fincastle, Cloverdale and Boones Mill. From 1950 to 1959 there was an increase of 1,539 lights in this area, and it is predicted that the number of lamps will increase to 5,790 by 1965.

The new truck, to be operated by A. S. Pullen and J. M. Brown, street light attendants, has several advantages. The boom has a capacity of 300 pounds and rotates 180 degrees in either direction, and gives a working height of 34 feet. The operator

can remain in the bucket, in a lowered position, while going from one place to another, eliminating climbing up and down and repeatedly going to and from the cab of the truck.

The bucket is operated with controls in the bucket itself, and it can be positioned easier and in more places than a ladder.

Although the truck will be used at times on special line work by the

general serviceman, its chief duty is with street lighting. And with it, district personnel figure that group replacement can be increased by 50 percent. In addition, it should eliminate some burn outs the district experiences, because the truck will mean a more efficient replacement program.

Use of the new truck is another step in our companies' efforts to provide the best, most efficient service possible to our customers.

Korean, 'Brother' Reunited

When Pfc. Lim Seyong stepped from the train on Christmas eve, it brought back memories of another train station, in Korea, nearly seven years ago.

Only this time the Korean was being happily greeted. That time seven years ago he was sadly parting with the "brother" who had befriended him.

Greeting Lim at the Williamson train station was Henry D. Hatfield, head material clerk, the soldier who had taken the Korean teenager under his wing back in 1952 to 1954.

Lim came to the United States four months ago for special training in connection with his duties as part of the Korean Army. His three-day stay in Williamson was made possible by Henry and other friends.

The two reminisced about Korea, when Corporal Hatfield noticed Lim, then 18 but appearing much younger because of his size, hanging around the headquarters office in Yong Dong Po. "He was so smart, always wanting to peck on the typewriter in the office; in fact, he seemed to have a craving for education," Henry said. "I started teaching him to use the typewriter and even had him typing short letters to my wife, Ernestine. Soon Lim was taking up long hand and improving his English. As our friendship developed, I helped get him a job as a checking clerk. Eventually, we sneaked a cot into the quarters so Lim could bunk with us soldiers."

When Henry left Korea in 1954, Lim clung to him in parting grief. Henry says, "That was the last I saw of him until now, except for snapshots enclosed in his frequent letters." In his letters, Lim always mentioned "Little Susan", Henry's daughter, and sent her a pair of Korean slippers. Lim, since 1954, has been able to complete his education with the aid of funds from Henry and several other Williamson benefactors.



Pfc. Lim Seyong and Henry D. Hatfield of Williamson pose happily together on their reunion.

Craig To Head Tobacco Festival

Named to direct the 1961 Burley Tobacco Festival and Farm Show in Abingdon was James G. Craig, Bluefield division agricultural engineer stationed in Abingdon.

He was elected chairman at a recent organizational meeting, and had previously served as a member of the Board of Directors, and as chairman of various committees.

Mr. Craig joined Appalachian's staff of agricultural engineers in July 1948, and has worked his entire career in the Abingdon district. He is past president of the Abingdon Lions Club, and member of the board of stewards and treasurer of the church school of Abingdon Methodist Church.



Mr. Craig

Scout District Gets Veteran As Leader

C. H. Murray, Jr. of Point Pleasant has been appointed chairman of District 4 of the Boy Scouts of America by the American Legion.



Mr. Murray

The line inspector will coordinate activities of the 15 Boy Scout posts in the district. Other honors have come to him in Scouting—he has won the Arrowhead honor, received the Scouter's Key, completed a course in Boy Scout Master training and has been assistant district commissioner, neighborhood commissioner and assistant Scout Master. He is now serving his fourth term as chairman of the Scout-O-Rama for the area.

Married and the father of a son and a daughter, he is the son of C. H. Murray, Sr., system purchasing and stores assistant in Roanoke.

Ashland Man, Roy L. Sallee, Promoted To New York; Succeeded By J. M. Wood

Roy L. Sallee, general heating sales supervisor in Ashland, is being promoted to the air conditioning division of the AEP Service Corporation in New York.

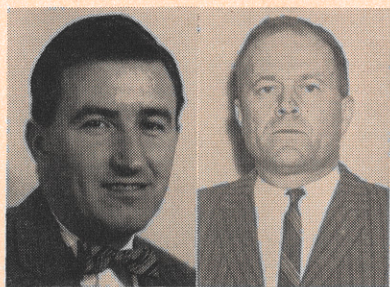
He is being succeeded by Jarett M. Wood, Pikeville district power sales engineer. Both promotions are effective March 1.

Joining the company in August 1948, Mr. Sallee worked in the Ashland district as a power sales engineer and as a distribution engineer. In 1956 he rose to the company's general commercial department and served as an electric heating specialist in residential, commercial and industrial applications.

A native of Harrodsburg, he received a BS degree in electrical engineering from the University of Kentucky in 1948. He is a registered professional engineer and a member of the Kentucky Society of Professional Engineers.

A veteran of World War II, he served with the Signal Corps in the Pacific from 1943 to 1946. He has served as vice president of the McDowell PTA, deacon and Sunday School superintendent for the Young People's Department of the First Baptist Church of Flatwoods, and a former director of the Ashland Jaycees. He is married and has two children.

Mr. Wood joined the company in



Mr. Sallee

Mr. Wood

Pikeville in 1946 as a transitman. In 1948 he became power sales engineer.

A native of Minnesota, he attended West Virginia University and is a major in the Army Reserve, having served in the Corps of Engineers during World War II. His civic activities have included: trustee of Pikeville College and general chairman of its Development Fund drive; past president of Rotary Club; member of executive board of Lonesome Pine Council of the Boy Scouts, member of the Order of the Arrow and holder of Silver Beaver Award; Pikeville hospital board member and committee chairman in fund drive; ruling elder of the First Presbyterian Church and member of the Big Sandy Upper Parish Council.

He is married and has a son.

Firm Expanding Ashland Facility

A \$1.5-million expansion of its Ashland facilities by the National Mine Service Company will provide a boost to the economy of the area.

The company is moving its Greensburg, Penn., Division manufacturing facilities to its Ashland plant. This includes the complete Greensburg line of locomotives, Man-Kars and utility cars. The move means a probable employment increase of 25 persons.

In speaking of the move, R. R. Shubert, vice president of the company said: "The larger and heavier equipment required by present-day mining severely taxed the limited capacity of the Greensburg plant. Extra capacity, better facilities and more room for expansion of Greensburg equipment manufacture are the main factors in determining the move to Ashland."

County 4-H Elects Caudill President

Jack Caudill, Hazard district area representative, has been elected president of the Perry County 4-H Council.



Mr. Caudill

His election culminates his work of several years of working with 4-H through local farm agents, schools, summer camps, and by teaching electrical courses.

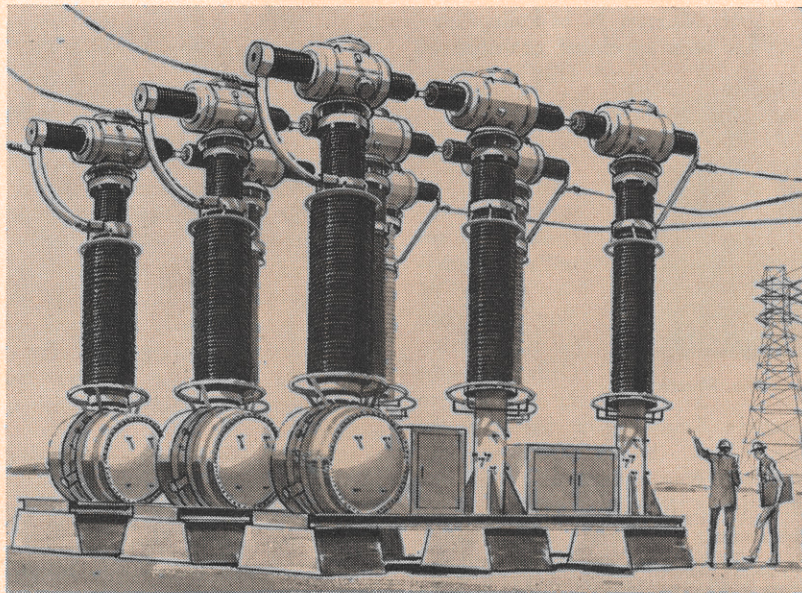
He is also vice president of the Hazard Kiwanis Club, a member and elder in the Doermann Memorial Presbyterian Church, and a Mason.

Huge Circuit Breakers Headed for AEP Lines

A series of huge new circuit breakers soon will be safeguarding the backbone transmission network of the American Electric Power System. The breakers, the world's fastest, are capable of snuffing out electrical short-circuits the equivalent of 33½-million horsepower in 1/30th of a second.

AEP has placed an order for five of the 345,000-volt air-blast power circuit breakers with General Electric Company, Philip Sporn, president of AEP and our companies, announced. He said that installation is scheduled for 1962 on the lines of Ohio Power Company and Indiana & Michigan Electric Company.

He said that the breakers will be the first air blast design to be built at this voltage. This design eliminates the need for inflammable oils customarily used for high voltage circuit interrupting means. Instead the breaker uses air under compression as the interrupting medium. Temporary lightning-induced short-circuit arcs and system disturbances



Giant circuit breaker, shown here in artist's rendering, is one of five that will soon protect the backbone transmission network of the American Electric Power System. When completed in 1962 they will be installed on lines of Ohio Power Company and Indiana & Michigan Electric Company.

will be halted automatically by blasts of self-replenishing high-pressure air

Kingsport Records 443 Electric Heat Jobs During New Home, Conversion Campaign

Homes—old and new, big and small—were fair game during the intensive electric heating campaign of Kingsport Utilities.

Between September 9 and December 31, the company showed a record of conversions of 355 existing homes to electric heat, and installation of electric heat in 88 new homes. The company had set a goal of 365 conversions and 100 new homes, and although final results were 22 below the combined goal, the number of new electric heat users was 238 percent greater than for the same period in 1959.

Employees, electric heat users, contractors, commercial department representatives all worked together in the campaign. A total of 828 electric heat prospects were found, 385 from employees, 151 from electric heat users and 292 through company advertising.

At the end of December 1960 Kingsport had a total of 3,444 electric heat customers. In addition, the annual average usage per residential customer had risen to 8,925 kilowatt-hours.

In this number are two rather unusual residences, one old and large, the other small and new.

The oldest home with electric heat is 230 years old, and has evolved from a two-story log house. Brick siding was added years ago to modernize it, the brick being made right on the premises. Complete modernization began five years ago when electric lights replaced the carbide lighting system. Since then various electrical devices and appliances have been added, and in January electric heat was installed.

The unusual house has 18-inch thick walls and its ceilings are 14 feet high. It's an antique lover's paradise—it is completely furnished with antiques and even the silverware is unique because it is made of melted



Riley Dobyns pauses before entering her all-electric play house, the smallest house in Kingsport with electric heat.



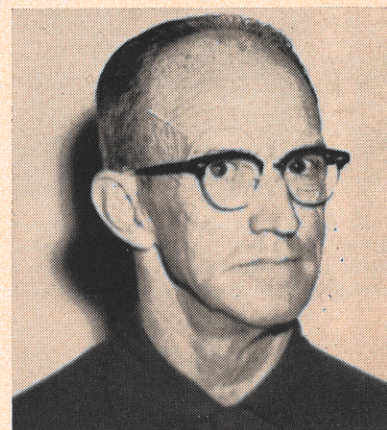
Two hundred thirty years old, this house has been modernized and now has electric heat. The Kingsport home evolved from a two-story log cabin.

silver dollars.

And as a kind of clincher to the elderly statesmanship of the house, there is no deed to the 1,000-acre property. The owner, James Tipton, holds the original land grant from the King of England.

The smallest house is only six feet by eight feet, and contains electric baseboard heat. It's a doll or playhouse, built for a very young edition of the modern housewife, Riley Dobyns. A close friend of R. C. Scarlett, station supervisor, she made sure her house had all the modern conveniences when it was built, including electric heat.

John Horton Retires Early



Mr. Horton

John L. Horton, T&D clerk at Switchback, took early retirement Feb. 1 because of ill health. In October of 1960 he completed 40 years of service. Last May he suffered a heart attack and later worked only a few months before being stricken again in December.

He was first employed in October 1920. He has worked as operator, electrician, troubleman, maintenance man, station man, station operator, and T&D clerk.

Mr. Horton was born in Hillsville and attended school there. He later attended State Teachers' Normal and taught school in Carroll County for four years before joining Appalachian.

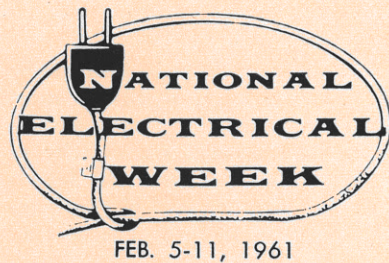
He is a member of the Methodist Church in Bluefield, and is a Moose. Before his illness he enjoyed hunting and fishing, and one of his retirement projects is to get well enough to enjoy them again.

Appalachian Sells Limestone Firm

Radford Limestone Company, Inc. has been sold by Appalachian to B. R. DeWitt of Pavilion, N. Y.

The limestone-quarrying firm located at Radford in the Pulaski district, has been operated by Appalachian since 1930. It supplied virtually all of the crushed stone and sand used in the building of the Claytor hydroelectric project in the late 1930's. Since then, it has supplied construction materials to the general Virginia area.

The sale includes the plant, equipment and more than 100 acres of limestone reserve. Mr. DeWitt, who operates other quarries in Virginia and New York, said no changes in management or operating personnel were contemplated. The firm will be known as Radford Limestone Corporation.



FEB. 5-11, 1961