

One thorn of experience is worth a whole wilderness of warning. Lowell

The Illuminator

The greatest of faults is to be conscious of none. Carlyle

Vol. XVIII, No. 4

KENTUCKY POWER COMPANY

APPALACHIAN POWER COMPANY
OF THE AMERICAN ELECTRIC POWER SYSTEM

KINGSPORT POWER COMPANY

January, 1967

Appalachian Announces 1.6-Million KW Steam Plant; I&M Asks Bids For System's First Nuclear Reactor

Million-KW Plant Planned For Lake Michigan Site

Simultaneously with the announcement of the construction of a 1.6-million kw coal-burning plant in West Virginia, came the news that Indiana & Michigan Electric Company was seeking bids for the construction of a major nuclear power plant in southwestern Michigan.

This move, said Donald C. Cook, president of I&M and of AEP, with the West Virginia plant announcement, means that the AEP System is taking steps to strengthen its present coal-based steam generation while supplementing it with nuclear power.

The proposed nuclear plant will be located near St. Joseph, Michigan, in the extreme northwest corner of the AEP system.

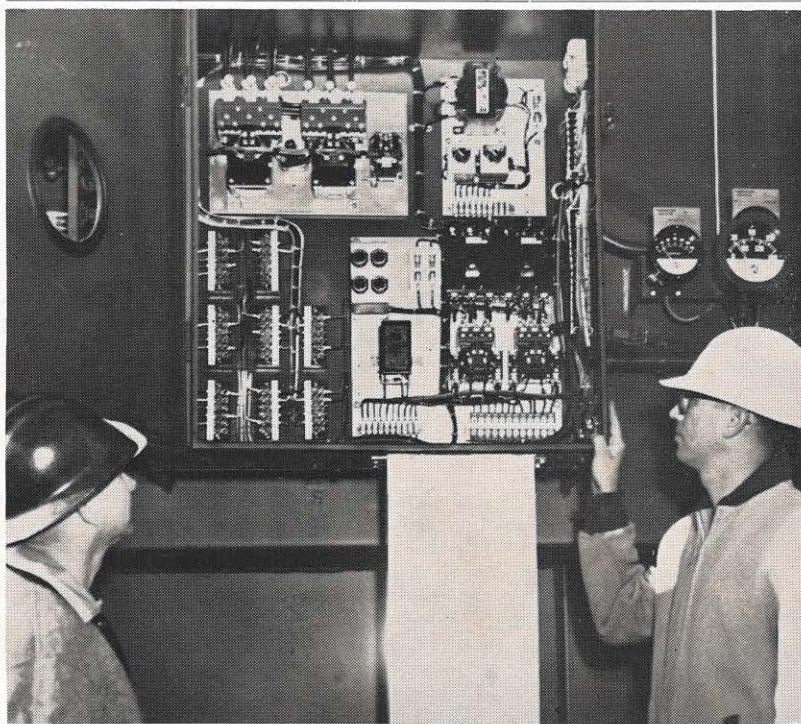
Bids have been asked from three manufacturers for a light water reactor in the range of 1-million to 1.1-million kw. Following submission, the bids will be subject to a technical and economic evaluation. The cost of this project is estimated at approximately \$130-million.

"If the low bid demonstrates, as we believe it will, that atomic power can compete with conventional power in the northwestern part of the AEP System territory," Mr. Cook said, "then the atom will take its rightful place as a partner to complement coal in our never-ending effort to bring abundant low-cost electricity to the nearly six million people the AEP System is privileged to serve."

He added that the construction schedule for the nuclear plant would anticipate commercial operation by 1972.

Mr. Cook emphasized the continuing importance of coal in the future electric power supply for the system. But he said that on the

(Continued on page 9)



Making all the necessary last minute checks and adjustments at Cloverdale station last month were Elmer Vaught, right, system station department, and Jerry Barbour, system operations department. The occasion was the energizing of Appalachian's first 500,000-volt line, which runs between Cloverdale, north of Roanoke, 34 miles to an interconnection with Virginia Electric & Power Company.

First 500-KV Line Energized Between Roanoke and VEPCO

Appalachian's—and the AEP System's—first 500,000-volt line became a reality December 16 when power began to flow between Cloverdale station near Roanoke and an interconnection with Virginia Electric & Power Company.

The Appalachian portion of this line is 37 miles long. From where it connects with a VEPCO line near Buchanan, it goes on to Waynesboro, Virginia, and becomes part of a giant loop of some 563 miles, and which involves the

facilities of five utility companies, including Appalachian.

The cost to Appalachian was \$6-million. Work started on the project in the summer of 1965.

Installed in Cloverdale station last month as part of the work associated with the line were the largest transformers ever put in service on the Appalachian system. Fully assembled, the three weighed 139 tons each, and carry 10,195 gallons of oil.

Site On Ohio River Chosen For \$200-Million Project

It's official—Appalachian will build the AEP System's largest coal-burning steam plant [near] Moundsville, West Virginia.

Donald C. Cook, president of Appalachian and of the American Electric Power Company, announced last month that the plant, consisting of two 800,000-kilowatt generating units, would cost \$200-million, and would be in complete operation in 1971.

The site of the plant, largest in West Virginia, is on the Ohio River nine miles south of Moundsville, and only half-mile south of Ohio Power's 675,000-kw Kammer plant. Joe P. Gills, Appalachian vice president and general manager, noted this in comments about the plant when he said "it is doubtful if there is anywhere a greater concentration of investor-owned electric generating capacity."

The Appalachian plant will be in the area served by Wheeling Electric Company, a sister company in the AEP system.

Giant-Sized

Mr. Gills added that virtually everything about the plant is giant-sized. Its outstanding features will include:

Two 20-story high boilers, each capable of delivering almost 5.3-million pounds of steam per hour;

Two single-shaft turbine generators that will equal in size the 800,000-kw unit presently under construction in Kentucky Power's Big Sandy plant, the largest such machine ever built;

A single concrete chimney of a height that will make it the world's tallest stack;

And two hyperbolic shaped concrete cooling towers standing 370 feet high, each with a five-million

(Continued on page 8)

Coal Company Plans Expansion For New Plant

Consolidation Coal Company, which will supply coal for Appalachian's just announced plant on the Ohio River, will spend \$20-million to expand its present production facilities and open a new mine.

The new mine, to be known as McElroy mine, after D. L. McElroy, who recently retired as Consolidation's executive vice president, will be about 1½ miles from the existing Ireland mine.

At the present time, Ireland mine supplies Ohio Power's Kammer plant with nearly two million tons of coal annually. Expansion work planned by Consolidation will increase the mine's annual production to 3.25-million tons, with the additional tonnage earmarked for Appalachian's new plant.

When the new mine is in operation and Ireland's expansion completed, the two will have a combined production of 6.5-million tons. Appalachian's new plant will burn an estimated 4.4-million tons a year.

The coal will be delivered to the plant by conveyor belt.

Kanawha Plant's Ballard Wins In "Ideas" Program

H. L. Ballard, yard foreman at Kanawha River plant, has won \$150 as fifth-prize winner in the annual AEP "Operating Ideas" awards program.



Mr. Ballard

Company's Tidd plant. His article, "Aligning Device Improves Burner Rebuild," appeared in October. Second prize, worth \$300, went to L. E. Peterson of Indiana & Michigan Electric Company's Tanners Creek plant for his December article, "Cutting Cost of Coal Pipe Liners."

For a description of Mr. Ballard's idea, see page 6.

Giving Is Best At Christmas

There's no greater satisfaction in Christmas, says a Lynchburg employee who prefers that his name not be used, than giving.

He has reason to know this.

Before Christmas, he and his wife picked out their tree. At home, preparing to put it up, they noticed a piece of waxed paper tied to one of the upper branches. Inside it they found an envelope, and in the envelope, written in a childish scrawl, was a note to Santa Claus. It said simply, "Please bring me a pair of skates." It was signed with a name and address.

That evening, our man read the letter to his family. By a unanimous vote, it was agreed that Santa would bring that child what she wanted, and the children all chipped in some money for ice skates. The next day the skates were in the mail, and a joyful spirit remained in the family.

Then, a day or two after Christmas, came a note from a little girl in a province of Canada, full of happiness and gratitude. In the summer, the child said, her father was a guide, and in the winter, a forester.

There's no greater satisfaction in Christmas, truly, than giving.

Miller Elected Vice President And Will Move To New York

Dorman M. Miller, assistant to the general manager of Appalachian, last month was elected a vice president of American Electric Power Service Corporation.

Donald C. Cook, president of AEP and of our companies, announced the move, and said that Mr. Miller will succeed L. L. Davis, vice president area development, when the latter retires May 1, of this year. In this capacity Mr. Miller will direct the industrial and community development activities of the entire seven-state AEP system. He has been a director of the Service Corporation since 1962.

Mr. Miller joined Appalachian in 1940 in Huntington, and worked in the station, distribution and commercial departments. He was Huntington district commercial manager when he moved to Roanoke in 1952 as the company's first area development director. He was named assistant to the general manager in 1960. He holds an electrical engineering degree from Mississippi State University.

Active in several areas of community life, Mr. Miller was a member of the Virginia Outdoor Recreation Study Commission, the Roanoke Valley Regional Planning Commission, and a vice president of West Central District 4-H Educational Center, Inc., and a vice president of the Roanoke

Valley Development Foundation. He is a member of the Kiwanis Club, and is a registered professional engineer in West Virginia. He is a member of the First Baptist Church, where he is a Sunday School teacher and a member of the finance committee. He and his wife are the parents of two sons, and plan to move to the New York area at the close of the school year.



Mr. Miller

The Illuminator

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LUTHER HOCHINS.....Clinch River
C. L. SPANGLER.....Glen Lyn
TOM WHITED.....Kanawha River
R. J. WILLIAMSON.....Philip Sporn

Our Job

Traditionally, we start off the new year by publishing in the newspapers in our service area an advertisement called "Our Job." It tells our customers how we see ourselves in our role as suppliers of an indispensable commodity, and as a citizen of the area. It represents also our pledge to our customers.

"Our Job" was first enunciated by George Tidd, who was then president of our companies, in testimony in 1934 before a Congressional committee. That was more than three decades ago; much has changed since then, but not the philosophy behind this message.

It goes like this:

Our job is generating electricity and getting it to where it's used. We're in this business because it is concerned with the supply of a fundamental requirement of modern living, because it's an honorable one, because we like it, and because we want to earn a living at it.

We aim to give one kind of service to everyone . . . the best that's possible. That means supplying our customers with what they want when they want it. It means being courteous at all times and maintaining attractive, easy-to-do-business-with offices.

It means doing everything we can to keep complaints from arising, and it means prompt and fair handling of those that do.

We are a citizen of each community we serve and take an active part in its affairs. Like any other citizen we want our neighbors to think well of us. Besides, it makes good business sense. We prosper only as the community prospers; so we help it thrive in every way we can.

Such is our job as we see it. We are trying to do it well and to do it better all the time.

Spencer Retires In Accounting

Versal L. Spencer, veteran employee of the system accounting department, retired November 1, just short of his 40th service anniversary.

He started out in 1927 in system accounting, and his first job was to deliver bills to customers' premises. He worked in the billing department for some years. Following the conversion to electronic data processing, he was assigned to the customer accounting division, and was made control clerk, senior in January 1962.

Mr. Spencer served for three years in the Navy during the Second World War. A member of Our Lady of Nazareth Catholic Church, he makes his home in Roanoke with his sister and daughter.



Mr. Spencer



Mr. Snyder

A. Snyder, Retiree, Dies After Illness

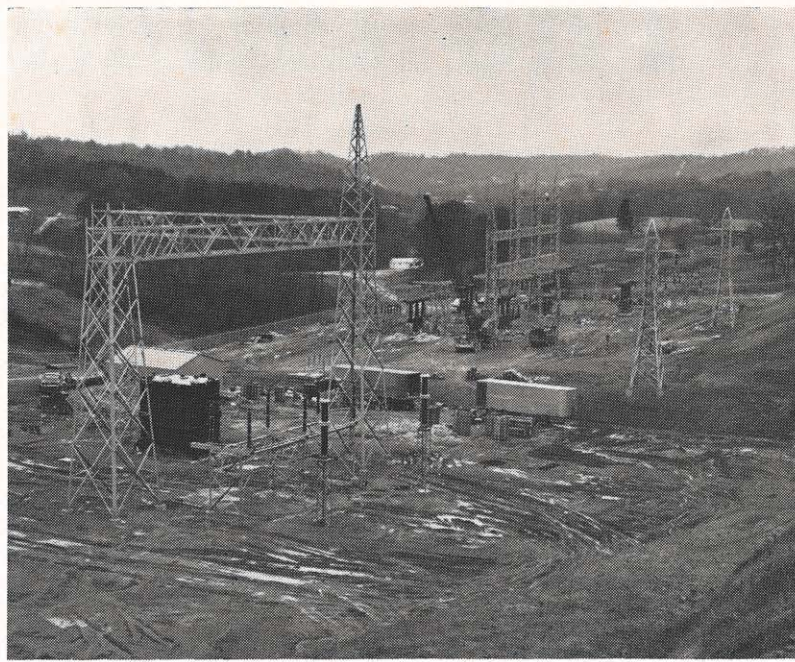
A. E. (Bert) Snyder, died at his home in Roanoke December 28 after a short illness.

He retired as forms and printing supervisor in the system accounting department in April 1961 after a career of 39 years.

He started out in Huntington, and worked in Charleston also before moving to Roanoke in February 29. He held a number of supervisory assignments in system accounting before his retirement.

He had been a member of the Roanoke Optimist Club for 18 years, and was serving as the club's secretary at the time of his death. Mr. Snyder was also a Mason.

Survivors include his widow, two sons, and four grandchildren. Funeral services were held December 30, and burial followed in Evergreen.



Taking Shape

The giant Tri-State station near Huntington, receiving end of a 345,000-volt line from Sporn plant, begins to take shape. Here crews are erecting the steel towers and installing circuit breakers. The transformer is already in place on its permanent pad in the foreground.

AEP System Weekly Load Exceeds One Billion KWH

One-billion kilowatthours in a single week.

Only two investor-owned electric utilities had ever achieved this milestone in weekly system load. Now there are three.

The American Electric Power System, during the seven-day period which ended December 7, recorded a system load in excess of 1-billion kwh for the first time. The exact figure was 1,041,739,000 kwh and represented an increase of 13.8 percent over the same week's figure a year ago. The previous high of 993,347,000 kwh was set in the week ended February 2, 1966.

An excellent barometer of the economic activity of the area served by the AEP System, the system load was well above its counterpart week of 1965 in each of the 52 weeks this year. The increase ranged from 20.9 percent during the first week of July to 2.6 percent during a mid-August week, with the cumulative increase for the year standing at 12.9 percent.

The weekly system load is that amount of electric power the AEP System needs to have available to meet the total combined requirements of all of its customers during a particular week. It includes both the System's own generation and, upon occasion, purchases from others.

AEP Names Reeves To Chemical Post

Robert W. Reeves, a member of the project engineering group of the AEP Service Corporation's engineering department, has been appointed head of the chemical section.

He succeeds Edward B. Morris, who has assumed the duties of consulting chemist. Both changes took effect on November 15.

In his new post, Reeves will be responsible for all chemical engineering and research carried out at the AEP System's power plants and at the Service Corporation's general laboratory at Huntington, W. Va.

Mr. Reeves joined the Service Corporation in 1948 as a chemist and was assigned to the general laboratory, then located at Windsor Plant of Ohio Power Company.

In 1953 he became plant chemist at that company's Muskingum River plant and two years later was transferred to the chemical section in New York. He joined the project engineering group early this year.

Morris is a veteran of 31 years of service, beginning in 1935 as an assistant chemist at Windsor plant. He became chief chemist at Appalachian's Logan plant in 1938. He was transferred to New York in 1941 and became head of the chemical section in 1952. As consulting chemist, he will conduct needed research in broad areas of chemical investigation.

Harmon Writes For "Ideas"

J. J. Harmon, Jr., senior electrical engineer in Bluefield, was the author of an article in the December issue of *AEP Operating Ideas*.

He described a method he developed of plotting relay curves and translating them from manufacturers' standards to those of the AEP system. The method involves constructing curve templates, and indexing on logarithmic paper. This permits an accurate curve to be drawn with a single pencil stroke.

This idea, in use for two years on the Bluefield division, has advantages in better accuracy and in saving time.



Mr. Harmon

Mahran Elected Assistant Treasurer

Joel L. Mahran has been elected an assistant treasurer of American Electric Power Company.

Mr. Mahran, a senior administrative assistant on the Treasury Department staff, will continue his activities in diversified system accounting regulatory, financial and special projects and will carry on direct supervision over major plant construction accounting activities. He has been a member of the Treasury staff since 1957.

He succeeds A. W. Lindahl, who recently was given the additional responsibilities of manager of the electronic data processing systems and methods division of the AEP Service Corporation in Canton, Ohio, while continuing also as project chairman of the system EDP general accounting task force. Mr. Lindahl remains an assistant treasurer of the Service Corporation.



Mr. Mahran



Mr. Suttle

Glen Lyn Retiree Dies At Home

William A. Suttle, who retired from Glen Lyn plant in 1962, died suddenly at his home November 24.

A native West Virginian, Mr. Suttle started work at the plant in September, 1942 as a laborer. In the following years, he worked also as boiler operator, and electrical maintenance man, and was a maintenance helper at the time of his retirement in April, 1962. He had more than 19 years of company service.

Mr. Suttle made his home at Peterstown, West Virginia.

He is survived by his widow and 14 children.

Getting Around



A round writing table that clamps on a steering wheel was the idea of J. B. Browning and C. L. Slusser of the Huntington line crew. Record keeping in the field requires considerable writing, much of it in awkward positions, with a possible loss of accuracy and legibility. Their idea was a simple one, but effective, as this picture shows. When not in use, the table is unclamped and stored behind the driver's seat. Cost: \$5.00.

Things Change, Not People, Says Armstrong, Retiring

At half-past four in the afternoon of his last day at work, John Armstrong was talking on the telephone to a colleague in the Canton operating center. After the business was discussed, Mr. Armstrong hung up, and the Canton man never knew his Roanoke friend was retiring the next day, December 1, after 46 years of service.

It was perhaps typical of John Armstrong. To him, his retirement had nothing to do with the job at hand, which was to keep system operations running as efficiently as possible. His personal situation simply didn't fit into that picture.

Keeping system operations running has been Mr. Armstrong's concern since he started out in 1920. He went to work at Cabin Creek plant when it was operated by the Virginia Power Company, and had a few lines going out to Charleston, Beckley, and some side spots. His first job was patrolman, which involved, as the name suggests, patrolling the lines and watching for trouble.

"I'd start off Monday morning, and not get back until Friday or Saturday," he recalls, "and we'd spend the nights in coal company boarding houses." In one of these, he remembers, the proprietor fixed a late dinner for him, and went around for weeks afterward telling anyone who would listen how many biscuits Mr. Armstrong put away that night.

From 1926 to 1934, Mr. Armstrong worked at Turner station, and was station supervisor at Switchback from 1934 to 1937. Transferred to the system operating department, he worked at South

Point, Ohio until 1941, when he was promoted to assistant chief system operator and transferred to Charleston. He worked in Huntington also, and came to Roanoke as system operating supervisor in 1949. In 1963 he was named system chief operations coordinator, the post he held at retirement.

Like many others who grew up in the business, Mr. Armstrong is aware of the far-reaching changes which have occurred in the industry since he started out. Such units as the 800,000-kw giants just announced, and a network of 765,000-volt lines as proposed by AEP were totally outside of the realm of imagination 40 years ago. Unlike many, however, Mr. Armstrong has pinpointed the precise time when the "old days" became the new days, and the system began its time of major growth and development.

The event was in 1949, when Philip Sporn Unit 1 went into service. This was the beginning of the big load-big unit era. Since then, higher voltage lines and bigger units have come along steadily until their present stature, and have given the system its strength and dependability.

Dependability is also the word that can describe John Armstrong himself. Every Saturday and Sunday when he was in town, he made it his routine to come into the load coordinating center in Roanoke "just to keep up with things," as he says. "If we have an obligation to provide service for seven days, then I felt that my responsibility covered seven days too. There was too much going on; I couldn't pick up Monday morning where I left off on Friday afternoon."

Now that he's retired, Mr. Armstrong will spend the first few months catching up on his rest. He has some household tasks planned, for "when he was on shift work, he was pretty good around the house," according to Mrs. Armstrong. The couple has two sons and five grandchildren who will lay claim to much of their time, and looking ahead, Mr. and Mrs. Armstrong are thinking about a trip to England, where Mr. Armstrong was born.

Technology changes, says Mr. Armstrong, and ways of doing things; but one thing doesn't change, and that's people. Most people are cooperative, and willing to do the job, he says. The same thing, and more, could be said of John Armstrong.



Mr. Armstrong

Roanoke Retiree Recalls Track-Laying Chores

Retirement at the end of the career of E. L. Wirt, Roanoke division material clerk. It was a career that covered everything from laying street car track to replacing customers' fuses.

The street car work, of course, was with the old Roanoke Railway and Electric Company, a predecessor company, which he joined in 1926. He recalls occasions when

he and the crew laid rails during the day and strung the overhead trolley wires at night, and he helped string Roanoke's first Christmas decorations on Campbell Avenue, in 1926 or 1927.

He was a groundman then, and remembers when line trucks were flat bed affairs on which equipment, materials, and personnel were all piled. They dug holes by hand, and set poles by muscle and sweat.

In 1933, Mr. Wirt moved to the transportation department and held a series of job assignments before his move in October 1959 to the division storeroom. In his 40 years of service, Mr. Wirt never had an accident on the job.

He is a charter member of the Wildwood Civic League. In sports, he helped to organize Appalachian's first softball league, and the Appalachian Fishing Club. Fishing, with baseball and bowling, is an activity to which he devotes considerable time.

A lot of fishing in Smith Mountain Lake, and a little travel are his principal retirement plans, plus time with his family. He and his wife are the parents of four and the grandparents of nine. They attend and are active in the work of Vinton Baptist Church.



Mr. Wirt



Mr. May

Mont L. May, 79, Retiree, Dies

Mont L. May, 79, died December 11. He was a retired employee of the station department in Huntington, and made his home in Catlettsburg, Kentucky.

Mr. May began work in March 1926 as an electrician helper, and spent most of his 30-year career at Johnson Lane substation at Kenova. He retired in January 1957.

Piedmont Moves To New York

Donlan Piedmont, a member of Appalachian's public affairs department since March 1959, has been transferred to the American Electric Power Service Corporation in New York.

The move is effective March 1, when Mr. Piedmont will take on special assignments in the Service Corporation's public affairs department.

Mr. Piedmont joined the company as feature writer, and later worked as public relations assistant. He has served as editor of THE ILLUMINATOR for three years. He is a graduate of the University of Notre Dame, and has been active in public relations and publicity work in a number of community projects, including the United Fund, Brotherhood Week, and Boy Scouts.

He and his wife are the parents of five daughters.



Mr. Piedmont

Appalachian, Kingsport Trail Kentucky In Sales Effort

With better than 100 per cent of quota in all categories, Kentucky Power Company made 1966 a big, bright sales year. Appalachian and Kingsport each missed the magic mark in two categories, but in all respects, it was an excellent load-building year.

Kentucky scored with 751 electric heat installations, including 101 residential heat pumps, for 108 per cent of its quota. Other sales figures:

Appliance sales, 110 per cent, including 4,095 ranges, 2,137 water heaters, and 3,366 dryers. Industrial sales added 2,921 kw of load, for 194 per cent, and commercial sales, 8,605 kw, for 101 per cent. This figure includes 23 all-electric school accounts. Also sold during the year were 1,655 dusk-to-dawn lights, 111 per cent of quota.

Kingsport installed 459 new electric heat jobs and exceeded its quota by 13 per cent. Conversions lagged behind quota, however, and the combined total of 675 new and conversions, represented about 79 per cent.

In appliances, the total figure of 3,405 was 102 per cent, and included 1,425 ranges, 950 water heaters, and 1,030 dryers. There were also 962 air conditioners sold, which included 219 whole-house installations.

Kingsport also exceeded its dusk-to-dawn quota by installing 226 units against a goal of 166.

With good efforts in industrial sales, the combined C&I score for Kingsport came to nearly 91 per cent, and added 3,711 kw of load to the lines. The high point of this performance was 134 per cent of quota in air conditioning sales.

In farm sales, appliances, and C&I sales, Appalachian exceeded its quota, and scored 90 per cent or better in electric heat (92.5 per cent) and dusk-to-dawn lights (90.5 per cent).

In appliances 26,148 ranges were sold, 17,135 dryers, and 15,670 water heaters, for a total of 58,953 major load-builders added to the company's lines.

Another 8,708 kw were added in additional light, heat, and power applications on farms served by the company.

In November, the 1000th total electric commercial establishment was sold, highlighting a year in which C&I sales totaled 114,531 kw, for 120 per cent of quota. Space heating was the leader here, with slightly more than 25,000 kw, followed by product heating, with almost 24,000.

Electric heating jobs, which included the company's 20,000th, total 4,573 for the year, a good performance considering the slowdown in home building.

Dusk-to-dawn sales came to an even 5,800, and brought the total installed on Appalachian's lines to 32,018.

Electric Heat Counts 20,000th Customer

When the first cool weather came along in October, an Appalachian customer whose name and location are unknown, turned the thermostat, and became the company's 20,000th customer to enjoy electric heat.

That magic mark was reached sometime in October, just in time for the heating season, and came only 14 months after the 15,000th customer was billed, and just three years after the 10,000th.

The exact figure at the close of October 1966 showed 20,114 electric heat customers being billed by Appalachian. By the end of November, that figure had increased by more than 600, to a total of 20,730.

Intensive promotion of electric heating began in the late 1950's. As recently as 1956, Appalachian had only some 700 electric heating customers on the rolls.

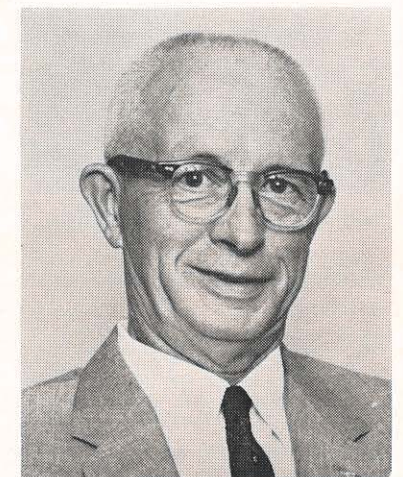
Figures through October also show an average 12 months' usage for Appalachian's residential customers of 5,252-kilowatt-hours. Usage for electric heating customers annually averaged 20,334.

Illuminator Award



Three Roanoke division men try to decide how to hang the 1966 Illuminator Award earned by the division for its participation in the company publication. From left are J. G. Harvey, personnel supervisor and associate editor for the division; Prince Thornton, administrative assistant, and Illuminator correspondent; and Duncan C. Kennedy, division manager. Finishing behind Roanoke in this year's competition were Charleston, which had won the award three years in a row; Bluefield, Logan-Williamson, and Lynchburg.

Robert Shipwash, Bluefielder, Dies



Mr. Shipwash

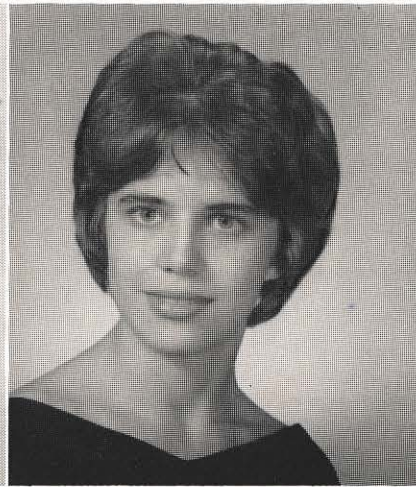
Robert Ernest Shipwash, retired appliance serviceman in Bluefield, died December 2 after a retirement of about six months.

When he retired June 30, he had service of more than 37 years, all spent in Bluefield.

Mr. Shipwash was a member of Grace Methodist Church in Bluefield, and was a charter member of the Green Valley Kiwanis Club. Active in fraternal work, he was a member of the Princeton Masonic Lodge and past commander of the Knights Templar, a member of the Eastern Star and Beni Kedem Temple in Charleston, and a member of the Bluefield Shrine Patrol.

He is survived by his widow, his mother, four sisters and a brother.

Funeral services were held at Mercer Funeral Home Chapel, interment took place in Monte Vista Cemetery near Bluefield.



Married over the system in recent weeks were, from left, Mrs. Burton

Mack Rodgers, Kanawha River plant; Mrs. Clarence Jackson, Ash-

land; Mr. and Mrs. David Turner, Cabin Creek plant; Mrs. Marion

Cox, Clinch River plant, and Mrs.

Phillip W. Brown, system, Bluefield.

Wedding Bells Chime For Company Couples

Evans-Rodgers

Paula Ray Evans was married to Burton Mack Rodgers on November 25 in the Malden Presbyterian Church. Mrs. Rodgers is the daughter of P. E. Evans, equipment operator at the Kanawha River Plant.

Rutherford-Jackson

Rebecca Rose Rutherford became the bride of Clarence Jackson on November 18. Mrs. Jackson is the daughter of Martha Rutherford, cashier at Ashland.

Wiseman-Turner

Sarah Lee Wiseman became the bride of David A. Turner on November 5. Mr. Turner is a laborer at the Cabin Creek Plant.

McKinney-Brown

Nancy Leith McKinney and Phillip William Brown were united in marriage in a double ring ceremony at the Bailey Methodist Church on December 10. Mrs. Brown is the daughter of Richard McKinney, system station section in Bluefield.

Grubb-Cox

A double ring ceremony performed November 5 in the Rich Valley Methodist Church united Donna J. Grubb and Marion Lee Cox. Mrs. Cox is the daughter of Wilmer L. Grubb, senior time clerk at Clinch River Plant.

Hudnall-Petry

Vodia Marie Hudnall and Darrell L. Petry were united in marriage November 12. Mr. Petry is a laborer at the Cabin Creek Plant.

They're Engaged

BRENDA KAY CHAMBERS to William M. Gordon. Mr. Gordon is the son of W. M. Gordon, meter serviceman at Bluefield.

MARGARET ANNE WHITLEY to Robert Wilson Allen, Jr. Miss Whitley is the daughter of E. Lane Whitley, Bluefield Division planning engineer.

TRENA SUE THOMAS to Raymond Howard Bowman. Miss Thomas is the daughter of R. H. Thomas, customer service representative in Roanoke.

LOIS CATHERN CORNETT to Thomas G. Brabson, II. Mr. Brabson is the son of Thomas G. Brabson, agricultural sales engineer in Abingdon.

JEANE SYKES to Don Linkous. Mr. Linkous is a communications engineer at Huntington. Miss Sykes is a clerk-stenographer at the Clinch River Plant.



New Arrivals



Abingdon Division

MR. AND MRS. J. D. WYNEGAR, a son, Steven Craig, December 14. Mr. Wynegar is a clerk trainee.

Bluefield Division

MR. AND MRS. RONNIE A. DANIELS, a daughter, Mary Elizabeth, November 1. Mr. Daniels is a meter reader.

Huntington Division

MR. AND MRS. RALPH A. KELLEY, a daughter, Angelia Sue, November 15. Mr. Kelley is a meterman helper.

Kanawha River Plant

MR. AND MRS. L. F. PEAL, a daughter, Debra L., November 19. Mr. Peal is a utility operator.

Lynchburg Division

MR. AND MRS. DOUGLAS N. LAYNE, a daughter, Lisa Renee. Mrs. Layne is a clerk typist.

MR. AND MRS. RODNEY A. JESSEE, a daughter, Sharon Elizabeth. Mrs. Jessee is a personnel clerk.

MR. AND MRS. M. L. HAWKINS, a son. Mrs. Hawkins is an office messenger.

Pikeville Division

MR. AND MRS. EDWARD NAIRN, a son, Todd Harris, November 30. Mr. Nairn is a commercial and power sales representative.

MR. AND MRS. BILLY E. TIBBS, a son, Keith Edward, December 1. Mr. Tibbs is a T&D man.

Roanoke Division

MR. AND MRS. CLAY L. ATLICE, a son, Gary Lynn, November 25. Mr. Altice is employed in the T&D department.

System

MR. AND MRS. DEWIE E. WEDDLE, a son, Randall Lee, November 15. Mrs. Weddle was employed by the system operating department.

One of Best



This is JoAnn Crabtree, majorette for the R. B. Worthy High School Shaker Band, who finished second in her class in majorette competition at the Southeastern Band Festival held recently in Bristol. Sixty bands from 12 states competed, and JoAnn was matched against 20 of them. She was also recently picked as Teen Queen by the Saltville Progress. Her father is Tom Crabtree, head meter reader in Abingdon.

Diana Jones Wins Two 4-H Honors

Diana Jones, current president of the Russell County 4-H Council was presented the 4-H Achievement Cup at the annual Russell County 4-H Achievement Day ceremonies held last month. As a further honor, Miss Jones was crowned Queen of this annual event.

Diana Jones

She is also president of the Lebanon High School 4-H Council, a Vice-President of the Tri-Hi-Y Council in the Western District, and a varsity cheerleader for the third consecutive year at Lebanon High School.

She is the daughter of Ruth Jones, Clinch River plant time clerk.

Mrs. Tyree Plans Active Retirement



Mrs. Tyree

Music and gardening will claim the major share of her time, now that Helen Sue Spangler Tyree has retired.

Mrs. Tyree, secretarial-stenographer in Bluefield, ended her 37½-year Appalachian career on the last day of 1966. A native of Tazewell County, Virginia, she started to work for the company in Bluefield in August 1929.

In her years in Bluefield, Mrs. Tyree has had a considerable impact on the city's life. For 25 years she was secretary of the Community Concert Association. She has served at one time or another as president of the Iris Garden Club and the Bluefield Quota Club, and has been secretary-treasurer of the First District of Quota International. She has been active in the Delta Chapter, Beta Sigma Phi, a member of the Bland Street Methodist Church and its choir, a board member of the YWCA, a Red Cross First Aid instructor, and a member of the Motors Corps of the local Red Cross Chapter.

In retirement she intends to continue her active life, with emphasis on music—she's learning to play the organ and the harp—and gardening, especially at her summer place called "Sue's Shack."

She and her husband live in Bluefield.



Appalachian Power Company

ABINGDON DIVISION—20 YEARS: VIRGINIA L. GILLENWATER, cashier-clerk.

CABIN CREEK PLANT—25 YEARS: C. K. ORR, boiler operator.

CHARLESTON DIVISION—20 YEARS: EARL J. WOOD, line foreman. DANIEL M. ACELA, line foreman. GLENN R. YOUNG, line foreman. HERNDON M. BAILEY, lineman. 15 YEARS: LEWIS E. DUFF, meterman. ETHIEL W. VEST, meter reader.

GLEN LYN PLANT—5 YEARS: G. L. RALEY, chemist.

HUNTINGTON DIVISION—20 YEARS: ROBERT A. KING, administrative assistant.

LYNCHBURG DIVISION—20 YEARS: S. L. DRUMHELLER, lineman. C. H. MORRIS, T&D clerk. R. E. WELLS, groundman.

RADFORD ORDNANCE STEAM PLANT—15 YEARS: F. M. ROYAL, boiler operator.

ROANOKE DIVISION—40 YEARS: E. L. WIRT, material clerk. 25 YEARS: A. L. HALL, Jr., head meter reader. J. G. HUNT, Jr., sales representative. O. S. MAY, lineman.

SYSTEM—45 YEARS: J. W. SMITH, sales analyst. 30 YEARS: F. B. WOODS, stores classification clerk. 25 YEARS: J. I. SCHULTZ, control clerk. 20 YEARS: VIRGINIA C. BRIGHT, classification clerk. 15 YEARS: C. H. BONDURANT, relay engineer. D. O. FRANGO, JR., station foreman. 5 YEARS: BRENDA C. WILEY, stenographer. W. D. DITMAN, r/w maintenance supervisor. B. G. HUGHES, transmission man.

Kentucky Power Company

ASHLAND DIVISION—40 YEARS: VIRGIL BREWER, draftsman. 35 YEARS: F. M. JENNINGS, purchasing and stores dir. 25 YEARS: DONALD C. KEYSER, asst. acct. payable supervisor. 20 YEARS: WALTER LEMASTER, T&D clerk.

HAZARD DIVISION—20 YEARS: CARL LEE MADDEN, meterman. ROY NAPIER, customer accounts supervisor.

PIKEVILLE DIVISION—20 YEARS: JOHN TURNLEY, serviceman.

Kingsport Power Company

10 YEARS: H. R. MORRISON, meter serviceman.

Christmas Gift



Charles Pope, Kentucky Power system accounting, presents his annual gift to the Ramey Children's Home in Ashland. For years this gift came from a kitty made up of money Mr. Pope earned through his woodworking hobby. At a recent visit to the home, he realized that its needs had become greater, so he bought three hams and arranged to raffle them at the 15th Street office, the 25th Street office, and the Big Sandy plant. The idea worked, and the check he is presenting here is made out for \$125, courtesy of Kentucky Power employees.

Happenings Around The Circuit



Celebrating their 65th wedding anniversary last month were Mr. and Mrs. O. K. Kidd, parents of Bluefield's W. C. Kidd. The couple has six children, seven grandchildren, and three great grandchildren.

Bluefield

Bluefield

Beatrice McVey, daughter of Tazewell's C. H. McVey, has been elected president of the Future Business Leaders of America in Tazewell High School. She is also a member of the National Honor Society, and active member of the Fincastle Baptist Church. She is a teacher of the primary Sunday school class, junior class in Training Union, and Sunbeam Band.

Another Tazewell man, Cecil Rhudy, was named chairman of the Lord's Acre sale there, in which the community's churches participated for the benefit of church-related projects.

W. J. Gillespie Jr. and his wife were both named to community posts last month: Mrs. Gillespie was elected president of the Salvation Army Auxiliary, and he was picked to serve on an advisory council on technical education at Bluefield State College.

John R. Ratcliffe and Roger L. Hess have been granted military leaves of absence for military service . . . Donald Cromer has resigned.

A Bluefield entry for Beta Sigma Phi's National Valentine Queen is M. R. Callaway's daughter Ellen. The winner of the national competition will be announced in February.

Church work last month saw the efforts of many Bluefielders rewarded. John B. Kahle was

ordained and installed as elder in the Graham Presbyterian Church, and was also elected clerk of the session . . . Mr. and Mrs. Earl Graham were guest song leaders for revival services at Greenview Methodist Church. They also have served as song leaders for the Layman's Institute at Jackson's Mill.

Grady Parker has been elected to the Board of the Mercer County Workshop for the handicapped.

Welch

The news out of Welch this month centers almost entirely around the younger generation. College students home for the holidays included Chuck Brown, William Adams, Patty and Peggy Groseclose, Rodney Farley, Carolyn Rhudy, Gregory Ruff, and Judy Dee Farley. Chuck Brown, incidentally, was elected to a Senate seat at VPI.

Stephanie Highberger's husband William, a senior at Concord College, has been accepted for listing in Who's Who In American Colleges and Universities, and Peggy Groseclose was named to the Dean's List at Bluefield College.

In 4-H work, Linda Hall received the leadership award at Pineville Junior High's 4-H Club, and Regenia May Crouse was elected secretary-treasurer of the Grundy Elementary School Club.

W. L. Mitchell has been elected treasurer of the Grundy Lodge, Independent Order of Odd Fellows . . . Jack Martin was named Outstanding Jaycee of the Year by the Pineville Jaycees.

Kentucky

Pikeville

Linda Dale Barnett was picked by the Pikeville Junior Women's Club as outstanding girl senior at Pikeville High School. Linda, daughter of Bill Barnett, has a list of activities sufficient to fill a half-page of the yearbook, of which, incidentally, she is business manager. She is treasurer of the senior class, a member of the Honor Society, the Pep Club, Keyettes, and the school paper's staff. Outstanding academically, she has also been named "Most Likely To Succeed" by her classmates four years in a row. She is active in Girl Scouting, and plans to attend the University of Kentucky. Her aim is to become a veterinarian.

New employees in Pikeville are Fred Birchfield, Larry Cantrell, and John Harris.

Ashland

The division accounting department counts two new employees this month: Sheila Lambert and Guy Coffman.

Lynchburg

F. T. Faulconer III has joined the T&D department as a line-man helper.

Charleston

Cabin Creek Plant

Several new employees have joined the plant's force. They include Lawrence C. Matthews, Kenneth W. Cottrell, Douglas M. Bailey, James A. Hall, Zane F. Self, James A. Warden, and Russell D. Casto, Jr.

Kanawha River Plant

Last month saw two employees resign and two more join the company. Leaving were C. E. Payne and C. E. Jenkins. The new men are W. J. Busby, Jr., and T. W. McClung.

Roanoke

Fieldale

Pat Williams, Julia Via, and Susan Romero, all daughters of Fieldale employees, took part on the Fieldale Elementary School Christmas program . . . Another school youngster, Geoffrey Brown, son of Mr. and Mrs. W. M. Brown, was elected secretary of the school 4-H Club.

Joel Wilson has returned to work following surgery and an extended convalescence.

While on vacation, J. C. Morrison went hunting . . . and killed an eight point, 170-pound buck in Giles County.



Cooped Up

Second from left above is W. J. Groseclose Jr., Beckley area lineman, who was one of two employees participating in a Fallout Shelter Management Course in Huntington recently. Here he and others in the group enjoy a recreational period. The course involved a 24-hour stay in the shelter under simulated emergency conditions as well as lectures and classroom sessions. Mr. Groseclose and Elmer F. Wright, engineering aide, not shown here, are now qualified shelter management instructors in the civil defense program.

In The New, Keep The Old

When Mr. and Mrs. L. M. Newsom built their new all-electric home in Pikeville, "Up Date the Old" was the theme used throughout.

In planning their new home there were many things to consider. Mrs. Newsom has maintained the flavor of both her family and her husband's through pictures, antiques, and up-dating of many pieces of furniture.

Many things are included in such an undertaking—kerosene lamps, milk cans, old picture frames, a love seat, a log from the fireplace of the home in which Mrs. Newsom was born.

Rock, hand-chiseled more than 100 years ago, bricks from the Main Street of Pikeville, and scales used in an old post office by Mrs. Newsom's grandfather, a century old dough bowl, milking stool, and a collection of old glass are to be admired and found in this new modern home.

Homemaker's Clubs as well as their many friends drop in to admire their efforts to "Up Date the Old" theme in this home.

Mr. Newsom is records supervisor, engineering department.

Hengst Retires As AEP Officer

E. A. Hengst retired December 31 as assistant secretary of the American Electric Power Company and assistant vice president and assistant secretary of the AEP Service Corporation.

Hengst joined the Service Corporation in 1930, worked as a traveling auditor and in the Statistical Division, then went into financing activities. Since the early 1930's, Hengst has taken part in long-term AEP financings amounting to well over a billion dollars.

He was elected assistant secretary of AEP and of the Service Corporation in 1963 and an assistant vice president of the latter in 1965.



Mr. Brewer Mr. Jennings

Two Ashland Men Claim Long Service

Long service anniversary awards this month are concentrated in Ashland, where Virgil L. Brewer and F. M. Jennings last month celebrated their 40th and 35th anniversaries respectively.

Mr. Brewer

Mr. Brewer completed his 40 years of service December 14. He has worked his entire career in the Ashland division, and was named draftsman senior, his present position, in 1947. He was born and educated in Ashland, and now with his wife, makes his home in Catlettsburg. They have one son, an Air Force officer stationed in Florida.

Mr. Jennings

Mr. Jennings is purchasing and stores director for Kentucky Power. He started out with that company in 1931 as storekeeper in Pikeville, and moved to Ashland as purchasing agent in 1952. Before joining Kentucky Power, he worked for Appalachian in Charleston, Huntington, and Roanoke. Mr. Jennings is a member of the Episcopal Church, the Masons, and the Lions. He and his wife live in Ashland.

System

System Accounting

Philip Richardson has returned to his job in the stores accounting section after a six-months' tour of duty with the Army at Fort Knox, Kentucky . . . A new employee in the department is Janet G. Pierce.

System Operations

Roxana Caudill resigned early in December . . . Ruth Ann Longanacre is a new employee.

Abingdon

Eleanor Honaker was recently elected to the Church Council of St. John Lutheran Church.

Jack Frier's son Blair was advanced to Life Scout rank at a recent Court of Honor ceremony.

Huntington

Mike (Chick) Deal, whose mother is June Deal of the AEP Laboratory, was a member of the runner-up state championship Huntington High School football team. He played guard on the team which was undefeated in its regular ten-game season, and lost only in the play-off game for the state title.

A senior, Mike expects to attend college next fall.

Philip Sporn Plant

Larry Williams is a new employee.

Pulaski

Glen Lyn Plant

S. K. Pennington, performance engineer, attended the civil defense classes for shelter management courses held in Roanoke last month.

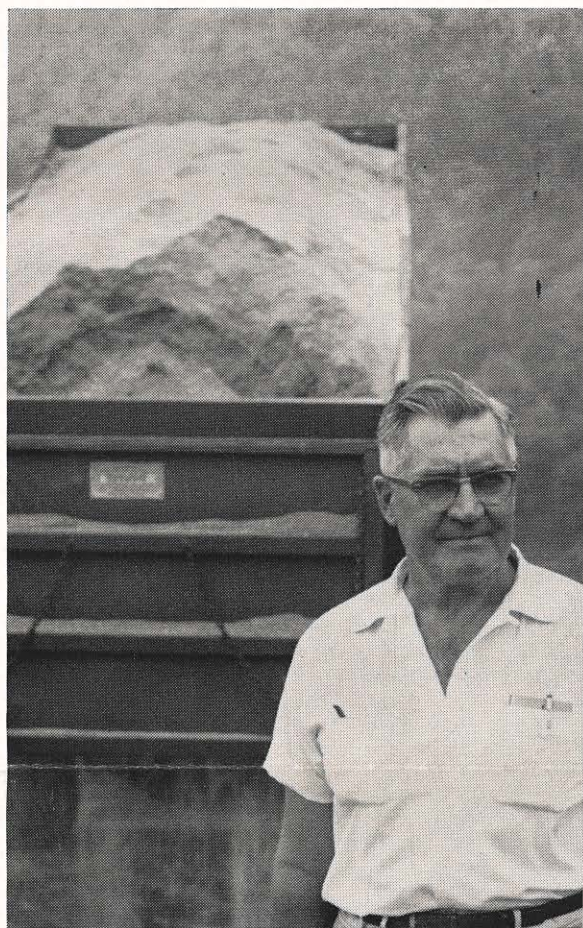


Mr. and Mrs. W. S. Peek celebrated the passing of 1966 with their 60th wedding anniversary December 30. Mr. Peek retired 17 years ago as Roanoke substation superintendent. Mr. and Mrs. Peek have spent their entire married life in Roanoke, raised two sons and a daughter, and now enjoy their eight grandchildren and seven great-grandchildren. Many of the family were home at Christmas and saw again the same Nativity scene on the mantel where it has rested for 40 consecutive Christmases.

Kilowatts from SAWDUST?

When you are a power plant, and you can do a good turn for a nearby business—who is also a good total-electric customer—that's fine. And if the good turn has certain economic advantages to you, that's so much the better.

That's the position that Kanawha River plant's management found itself in not long ago. A local lumber company, which had previously burned the sawdust produced by its milling operations, discontinued the



Mr. Ballard against backdrop of a truckload of sawdust.

Kanawha River Plant Man's Idea Helps Customer, Saves Coal

practice because of air pollution. It also could find no place suitable for a dumping site. The company faced the prospect of going out of business altogether, which would have been a severe blow not only to its 30 employees but to the community as well, unless some other disposal method could be found.

And, following consultations with Henry Skaggs, Kanawha River plant manager, and experiments by H. L. Ballard, yard foreman, and others, that necessary new method was found.

"We'll burn it," said the plant management.

The tests and experiments showed that as much as two per cent of sawdust could be blended with the coal with no difficulty at all, and no loss of efficiency. Beyond that, larger percentages tended to cause pulverizer vibration, and a decrease in pulverizer output. In practice, however, the additional percentage of sawdust is more on the order of one percent, well within the workable margin. The sawmill's daily production of sawdust runs five to six tons a day, which is less than 0.2 per cent of the coal used at Kanawha River.

The sawdust is delivered without cost to the plant daily and is fed into the reclaim hopper and added to the stream of coal moving to the bunkers, similar to the method used to blend stock coal with raw coal being unloaded. About the only thing that had to be done to the loading system was a modification on the hopper gate to maintain a proper flow of sawdust.

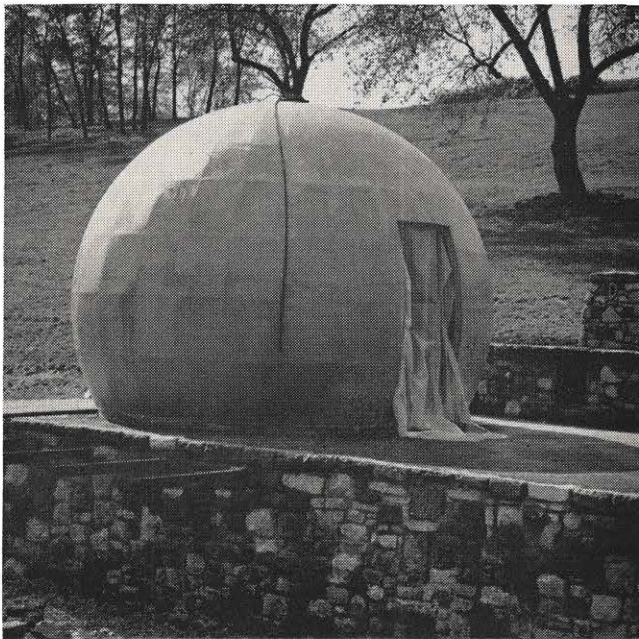
Burning sawdust has a value of 4,500-to 5,000-Btu per pound, which, at Kanawha River, means that every pound of sawdust burned saves a half-pound of coal. Based on experience to date, this involves a saving in the plant's coal bill of about \$3,000 a year.

The results of this project are happy for everyone concerned. The sawmill stays in business, the 30 employees are still at work, Kanawha River plant with only a minimum of effort finds a way to save money with no decline in efficiency.

And, it won a cash award and company-wide recognition for the man who thought it up.

Pumpkin House

— but All Electric



Charles Dean's pumpkin house.

A year ago in these pages we described the total-electric circular home built in Kenova by Charles Dean, a local contractor. Even the furniture was designed and made to conform to the curving walls of the home.

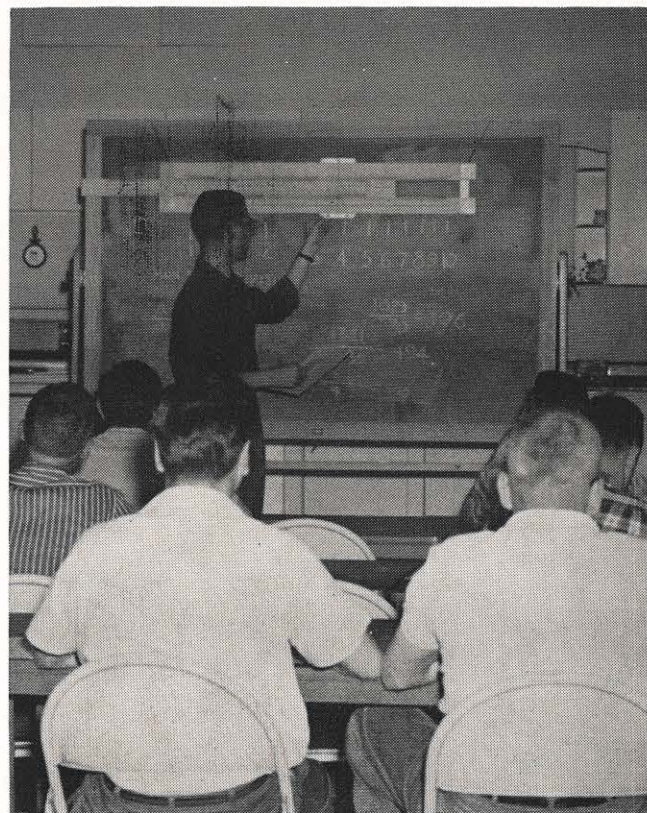
Now Mr. Dean, borrowing a leaf from the old nursery rhyme about the pumpkin eater, has turned his estate into an all-round attractive one by adding a totally round and all-electric guest house.

This one is built in the shape of a ball, and painted—here's the pumpkin again—bright orange. Different, startling in appearance, the house has 200 square feet—if that's the term—of living space. It boasts resistance heat and a separate air conditioner, an electric water heater, range, refrigerator and other electric living conveniences. It has a living room-bedroom combination, kitchen and bath, with a circular shower in the center of the structure, and used as a hub to create partial separation of the house's components.

Carl Phillips, Huntington's heating and builder sales representative, had the job of calculating and designing the heating system.

The guest house has another feature, one which possibly no other house in the world has: a built-in ring at the top will permit it to be lifted by a helicopter and carried off to some other location.

Mr. Dean's guest house was built with wooden framing and conventional building materials. But he has plans to produce it for the market. Those models, he believes, probably will be constructed of pre-formed foam walls, pre-finished inside and out. Such a unit would be ideal for vacationers, campers, and for setting up in state and local parks and camping areas.



This is how a slide rule works.

Training Pays Off!

Training has been a byword at Clinch River plant ever since it started operations in 1958.

Correction: since *before* it started operations.

Long before the first steam ever left the new plant's boilers, regular training classes for operators and maintenance personnel were in effect. Other plants, of course, do the same thing prior to any start-up, but what Clinch River began then, Clinch River has kept up.

The plant's training program operates on several levels, beginning with new employees. This is called "vestibule" or entry training, and precedes actual, on-the-job training.

Instruction then moves into special classroom programs, taught by qualified plant employees, manufacturers' schools, evening courses, some held in area technical or vocational schools, and taught either by employees or by instructors on the school's faculty, and standard company training. Supplementing this series of group classes is the multitude of excellent correspondence and home-study courses available on technical and general subjects.

The end result of this broad program of improvement, says Luther Houchins, the plant's personnel supervisor, has been a steady string of promotions within the plant and transfers outward to higher jobs at other locations.

In 1966, for example, 43 employees were promoted, three from the physical group to supervisory assignments. Six Clinch River employees were transferred and promoted to new jobs at Ohio Power's Cardinal plant. One man was moved to another plant as assistant plant manager, and another was promoted to maintenance supervisor and moved to another AEP system plant.

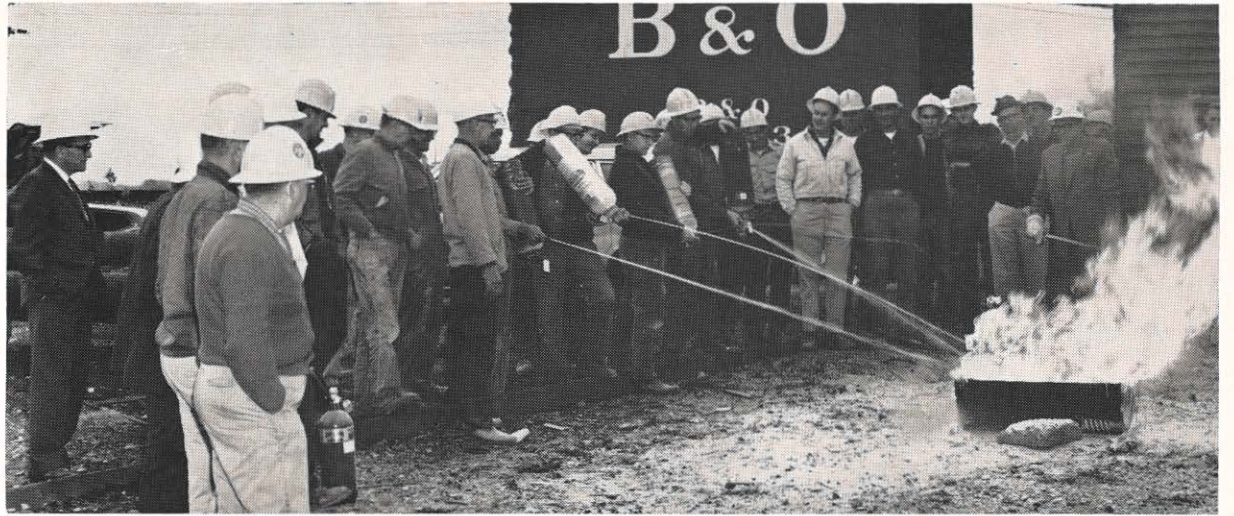
Clinch River employees are always involved in some course or other. Typical perhaps is the present evening course at the Russell County Vocational-Technical School. Forty-one employees are enrolled in the study of basic electricity in this course, all on their own time. ICS courses, at the end of the year, had attracted 38 employees, working on a variety of subjects.

The winners of this upward-and-onward movement? Everyone. The people themselves become better informed, better trained; the plant, operating with a pool of such personnel, continues its efficient way, and the company benefits by having available men who have demonstrated their interest and ambition.

People, Places and Things



"The best 4-H Club in the world—would you believe the USA?" That's the motto of the newly-formed 4-H club in the Beckley area, which calls itself the Maxwell Smarts; and the motto came from Maxwell himself, actor Don Adams, who has accepted an honorary membership. Aside from Max, the club has definite Appalachian overtones. Here, for example, are Mrs. Arlene McGinnis, wife of J. R. McGinnis, area superintendent, who is the club's sponsor; and with her are the club's officers. John McGraw, recreation leader, son of W. G. McGraw, heating and builder sales representative; Kit McGinnis, president, daughter of the sponsor, and Chip Keatley, treasurer, son of Kenneth Keatley, area serviceman.



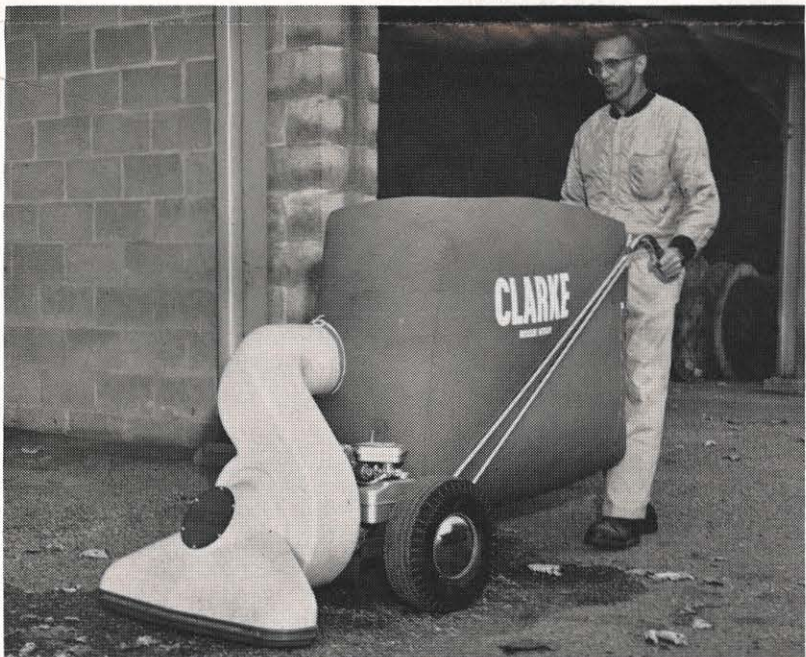
The first company-wide firefighting school was held last month at Huntington, attended by line crew, substation, and meter personnel. C. H. Yoho, fire protection supervisor for the AEP system, was the instructor assisted by John Frazier, Appalachian system safety supervisor. A big part of the training was actual experience with extinguishing blazes of all sorts, as shown above.



Grand winner of the Roanoke division employee contest promoting dusk-to-dawn light sales was R. J. Siner, engineering aide, here shown with his wife. The prize is here too, that color television set at the left. The drawing for this and for several other prizes in the contest was made at the Roanoke Christmas party December 9.



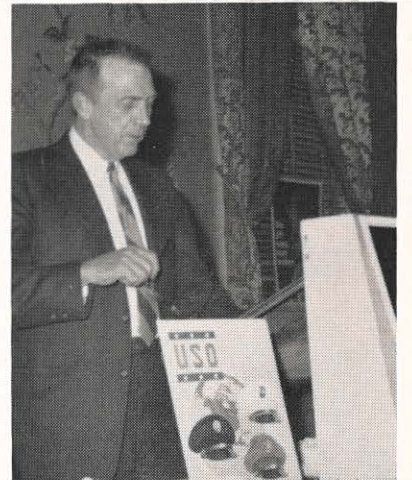
Old IBM cards, than which there is nothing more useless, found a once-a-year home. Penny Garber, Lynchburg accounting, collected some, folded them into points, mounted them in five rows on a round piece of plywood, added a bit of decoration, got tasteful and unique Christmas decorations. This piece used about 70 cards.



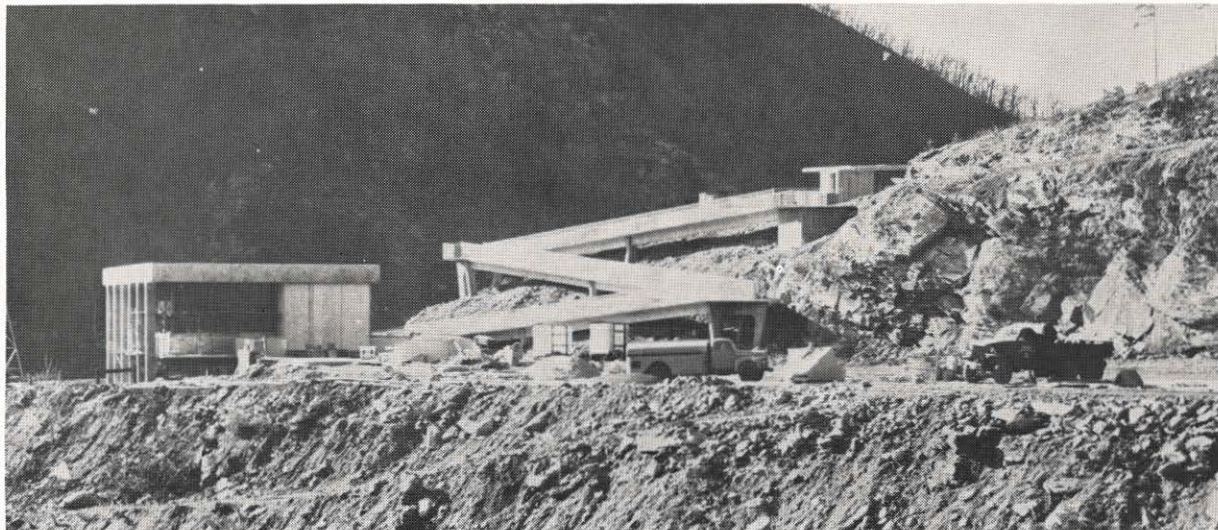
Frank Chapman, head janitor in Huntington, tries out the division's Texas-sized vacuum cleaner. Huntington claims to have the largest such machine in the company, and needs it for the service building's parking lot. Even with this new improvement, however, it still takes about nine hours to clean the area. That's a lot of lot.



New officers of the Welch Employees' Benevolent Association were elected last month. They are, from left, O. J. Bragg, treasurer; Judy Fragile, secretary; J. S. DeBusk, chairman, and Earl Doss, vice chairman. The Association in 1966 made contributions totaling \$900 to the March of Dimes, Cancer Society, Heart Association, and United Appeal. Forty-five employees have so far pledged \$930 for 1967.



Announcing the successful conclusion of the Washington County United Fund at a victory banquet is L. C. Angle Jr., Abingdon division power sales engineer, who was both president and campaign manager. Appalachian employees in Washington County, incidentally, had 100 per cent participation in the campaign.



The Visitors Information Center, under construction at Smith Mountain, is slowly taking shape. After examining exhibits in the building at left, visitors will move up ramps to the esplanade just visible at right.



"Home of the Comfort Twins" was the theme and name of Appalachian's float in the Annual Burley Tobacco Festival parade in Abingdon. It promoted the use of the heat pump so imaginatively that the judges awarded the company \$50 first prize.

Service Anniversaries Noted

**30
Years**



E. L. Stein, Jr.
Sporn Plant



F. B. Woods
System

**25
Years**



D. C. Keyser
Ashland



C. K. Orr
Cabin Creek



A. L. Hall Jr.
Roanoke



J. G. Hunt Jr.
Roanoke



O. S. May
Roanoke



J. I. Schultz
System

**20
Years**



V. Gillenwater
Abingdon



W. Lemaster
Ashland



R. R. Jones
Bluefield



Cecil Rhudy
Bluefield



D. M. Acela
Charleston



G. R. Young
Charleston



H. M. Bailey
Charleston



Roy Napier
Hazard



R. A. King
Huntington



Appalachian Power Company

Abingdon Division

J. G. LEONARD from meter serviceman to area serviceman.

Cabin Creek Plant

FRED H. REESE from auto repairman, Charleston, to mechanical maintenance man, Cabin Creek.

Charleston Division

DELMER E. CAVENDER from pre-audit clerk to contract clerk. JOAN K. BOHAM from credit and collection clerk to pre-audit clerk. GLORIA J. DODD from office messenger to clerk typist. BARBARA A. MARKHAM from clerk typist to credit and collection clerk. ROBERT L. SELBE from lineman b to lineman a. S. J. DUNN from lineman a to line foreman.

Glen Lyn Plant

E. B. COMER from maintenance helper to maintenance man. E. G. CLEMONS from maintenance helper to maintenance man. H. P. JACKSON, JR. from maintenance helper to maintenance man. W. S. WADE from maintenance helper to maintenance man.

Kanawha River Plant

EVERETT BIRD from utility operator to auxiliary equipment operator. S. A. BROWN from coal handler to barge attendant. T. P. GRADY from barge attendant to conveyor operator. M. I. HARTWELL from laborer to utility operator. B. P. MEADOWS from utility operator to auxiliary equipment operator. C. E. SLACK from laborer to utility operator. R. B. WORKMAN from laborer to work order clerk.

Lynchburg Division

NOWLIN O. MADDOX from meter service helper to meter service man.

Roanoke Division

HOWARD W. CHILDRESS from janitor bldg. service dept. to lineman helper. RUTH M. HALL from cashier to clerk stenographer. JOYCE A. GREENWAY from contract clerk to contract clerk, senior division. CHARLES C. WHORLEY from janitor bldg. service dept. to lineman helper. CHARLOTTE O. JARRETT from PBX operator to cashier. FAYE B. PHILPOTT from clerk stenographer to stenographer. R. A. YOUNGMAN from transportation coordinator to administrative assistant, system transportation dept.

System

I. R. GOINS from regional dispatcher, Switchback station, to operations control center in Roanoke.

Kentucky Power Company

Pikeville Division

CAROL P. COX from clerk trainee to PBX operator.

Cook Named To Trustee Board

Donald C. Cook, president of American Electric Power Company and of our companies, has accepted nomination to the Board of Trustees of the Eisenhower Exchange Fellowships.

800,000-KW Units

(Continued from page 1)

gallon pool to provide the plant's requirements for steam condensing water.

The new plant will burn an estimated 4.4-million tons of coal a year. All of its will be delivered by belt conveyor from adjacent mines of the Consolidation Coal Company.

New Mine

Initially the coal will come from the Ireland mine, which now also supplies the Kammer plant with some 1.9-million tons each year. Later Consolidation will open a new mine to feed the new plant.

The new 800,000-kw units are the latest in a series of six super-sized generators, all coal-burning, that are currently under construction on the AEP System. They will total 4.25-million kw of capacity

and are scheduled for completion during the period 1966-71.

Two, of 615,000-kw each, are owned by Ohio Power Company, and will be in operation in Muskingum plant, and in Cardinal plant. Another 615,000-kw unit will be in Cardinal also, which is jointly owned by Ohio Power and an organization of electric cooperatives in Ohio.

The system's first 800,000-kw unit is under construction at Big Sandy, and is scheduled for operation in 1969. The first of the new West Virginia units will go into operation in 1970, the second in 1971.

Heart Attack Claims Retiree



Mr. Moses

John Moses, retired Cabin Creek plant employee, died of a heart attack December 15 while en route to a Charleston hospital.

Mr. Moses joined the company in June 1941 as a laborer. He later moved to the coal handling department, and held a number of positions there until his retirement in August 1963 with 22 years of service.

Mr. Moses is survived by his widow and a daughter. He was a member of Chelyan Baptist Church.

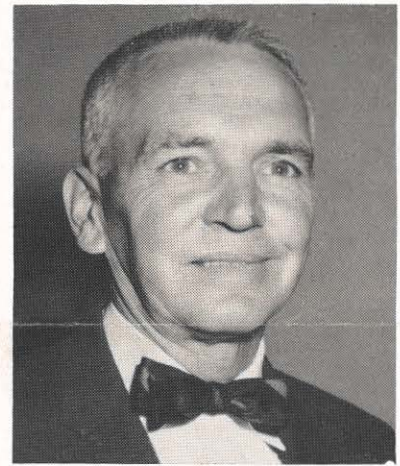
Funeral services were held in East Bank.

Former Plant Man Dies After Surgery

Stuart S. Hunter, retired Charleston employee, died December 17 in a Washington hospital following heart surgery.

He retired in June 1962 as a stationman helper, with 27 years of service. His career started at Logan plant in April, 1935, where he worked as maintenance man, turbine room man, turbine operator, and control operator before his transfer to Charleston in May, 1961.

He is survived by his widow, a son and a grandson.



Mr. Hunter

Hobby Wins Blue Ribbons

Bill Harris says he gets a lot of kidding from the boys at Sporn plant about his hobby, but it doesn't bother him; "they'll kid you about anything," he says.

What they kid him about is the fact that he's an expert and prize-winning crocheter, an activity not usually associated with men. In fact, his crochet work is of such high quality that men don't believe he did it, and women just think it's—well, unusual.

However, Bill and his wife Pearl both agree that crocheting provides the same satisfactions and pleasures any other hobby does. "It helps to pass the long winter evenings," he says; and completion of a project "gives you a feeling of satisfaction"; it's relaxing, and it's creative.

This family hobby started when Bill was in school, and his wife

started crocheting to occupy her time. Soon Bill took it up, and together they studied the topic and worked out the instructions together.

Bill works mainly on sweaters, place mats, pot holders, and pocket books. Pearl concentrates on suits, afghans, bath sets, sweaters, and decorative covers.

In the recent Mason County Fair, the two exhibited their work in public for the first time, and between them, they came home with nine ribbons. Bill won three blue ribbons, and Pearl, four blue and three red ribbons.

The majority of the items they make they use or wear themselves, or give to friends. But just to tie one hobby with another, they recently finished crocheting matching bowling sweaters, to wear while they participate in another favorite sport.



Bill Harris, results clerk at Sporn plant, and his wife Pearl, with some of the results of their joint hobby of crocheting.



The winning Regulators: from left, Jack Deskins, David Lang, Lenore Damron, Tilden Justice, and Curtis Wallen.

Regulators Win In Pikeville League First Half Play

The Regulators won the first half of the Kentucky Power Company Bowling League for the Pikeville division. The won-lost record was 38-18 lost. The winner wasn't decided until the last night as the Regulators and Amps went to final night tied. The Amps came in second with a record of 36-20.

The high single series was 600 by Bill Barnett, division personnel

supervisor, for the men, and Neucedia Miller had high series of 497 for women. The high single game was Sam Carter with 236 and Neucedia Miller had a 198 game for the women.

The winning team (the Regulators) is composed of Lenore Damron, Captain; Curtis Wallen, Jack Deskins, David Lang, and Tilden Justice.

Swortzel Breaks Carson's Record

Records are made to be broken says Jim Swortzel, captain of the Stores team at Roanoke, and that's what he did December 19 in league play.

Jim rolled a high game of 256 pins, which bettered Jim Carson's 254 record of last month. His set score was 635, which was a lot of pins.

As the season draws to a close

the winner is already determined as System Station No. 1 heads the field with a record of 361-2. With only three games to go they are five games ahead of the second place team, Stores, whose record is 31-17 losses. Third spot is held by Service with 27-21. Fourth and fifth place are shared jointly by Local Office and Line with records of 26-22.

Employees Halt Car, Pay Parking Too

If there is a motorist in Lynchburg who wonders how his locked car was moved to another parking place on Main Street one day, let him read this and find out.

Ralph Johnson of the accounting department happened to glance out of the big front windows of the Lynchburg office, and saw a car slowly drifting backwards down the sloping street. He dashed out and easily stopped the car by leaning on it, and was wondering what to do next when J. H. Haley, Jr., customer representative, came along. He saw the situation, slipped around the corner, picked up a couple of bricks and chocked the rear wheels.

The two then observed that the car had drifted into a parking space which had no time on the meter. They dropped a nickel in the slot, and went back to work.

Employee Called "Honest Man"

"An honest man" is about the greatest thing a person can say of another.

And that's the label used by Charleston Detective Captain George Nunley to describe Eugene Clendenin.

Mr. Clendenin, Charleston meter reader, was on his way home after work one day and found on the sidewalk near his home three \$500 savings bonds and \$15 in cash. He immediately turned it over to the police, who were able to locate the owner. The bonds were 12 years old and, said Captain Nunley, needed only a signature on the back to be turned into cash.



Mr. Hill gives his 85-pounders a look full of pride and affection.

Dunbar Hill Continues Work Of Developing Youngsters

The appointment last month of Dunbar Hill to the Town of Salem's Recreation Commission not only brought to the post a man dedicated to the development of youngsters, but gave public recognition to a man who has spent generously of his time and talent to planning sports programs for the boys of the community.

Mr. Hill, janitor in Roanoke's Walnut Avenue building, is one of seven members of the commission, which operates for the town seven playgrounds, five softball leagues, six basketball leagues, and nine sports fields and tennis courts. His interest in this program, however, pre-dates his appointment to the commission by many years.

Character

He has always, it seems, accepted the responsibility that goes with helping youngsters develop character through sports. It was in 1961 that he joined with a group of other civic leaders to form the Carver Touchdown Club to train and develop athletes for Salem's Carver High School. Carver is no longer

in existence, but the club lives on, even more vigorously than before.

Out of that first meeting came the Club's plans for developing a year-round sports program, which took the form of sponsoring, forming, and coaching teams in football, basketball, baseball, and tennis. In the season just ended, the club sponsored two football teams, one of 100-pounders, one of 85-pounders. Neither team had more than three substitutes, so Mr. Hill considers their records of 7-5 and 8-3, respectively, to be pretty good. But, while winning is the name of the game, competing and developing sportsmanship are more important; and that's what Mr. Hill believes in firmly.

Moral Values

A sense of moral values and responsibility is what Mr. Hill and his associates in the Touchdown Club aim for. To meet that aim, Mr. Hill has taken on a number of assignments: he coached the club's entry in the Little League, and he serves as Cubmaster for a Cub pack.

The boys under Mr. Hill's tutelage are recognized and honored at an annual banquet. This past year, with the mayor, the town manager, and the town chief of police on hand, Jim Parker of the Baltimore Colts was the speaker. Each year too, with the Club bearing half the cost, the youngsters in the program are taken to Washington for a major league sports attraction, featuring either the Washington Senators, the Redskins, or the Baltimore Colts.

In school, Mr. Hill participated in boxing, basketball, and track, lettering in the last two. He has a daughter who is attending Bluefield State College.

What does he get out of all this? "It keeps me out of mischief and keeps me young," he says, and then adds more seriously, "and it keeps kids out of the streets and out of trouble. It's satisfying to be able to help build clean sports and make young gentlemen out of our boys. Yes, building character is worthwhile. That's what I get out of it, and that's enough."

Nuclear Plant

(Continued from page 1)

basis of present and projected coal and transportation costs, nuclear power "clearly offers the lowest over-all cost for satisfying the growing power demands of customers" in the I&M area.

The site on Lake Michigan is close to the company's load centers but some 300-400 miles from major coalfields, thus making the delivered cost of fuel in that area the highest on the AEP System.

"Therefore," Mr. Cook said, "this location is the most logical for the system's entry into the field of nuclear power."



With their season's trophies are, from left, Leon Peal, "Casey"



Jones, C. B. Yearout, and B. A. Clemons.



Hunters Deplete Woods

There can be few deer left in the wilds of Virginia and West Virginia, judging from the flood of news received last month about company folks and their bags of game.

Among system people, C. C. Garrett, transmission man, shot a five-point, 180-pound buck in Giles County. Charley Grey, system communications in Charleston, got the first deer of his life after several years of trying. This one came on the second day of the season, a three-point, 110-pound buck.

Glen Lyn folks got two. Randal Weatherly, whose dad is J. C. Weatherly, shot a 10-point buck in Monroe county, his first; and B. A. Clemons, auxiliary equip-

ment operator, proved himself an old hand at this business. The eight-point buck he nailed in Highland county, Virginia, was the 15th kill of his career.

A stout bow and arrow and good aim brought home the venison for Sam Saunders, lineman on Point Pleasant. His target and prize was a 17-month-old doe, the first deer kill in the area of the season.

R. R. "Casey" Jones, station foreman, and C. B. Yearout, system safety supervisor, both of Bluefield, went out to Bath county, Virginia together, and each brought home an eight-point buck.

Kanawha River's Leon Peal got his eight-pointer in Pocahontas county, West Virginia.



Going for turkeys instead of deer, and getting them, were Howard Meadows, left, and Tip Fletcher. Both shot 20-pounders, and both are Bluefielders.

Company Seeks Study Time, Asks FPC For Hearing Delay

Appalachian has asked the Federal Power Commission for a delay in the hearings on the Blue Ridge Project, now scheduled for January 10.

The company has told the commission, in making the request, that recent testimony filed by the Department of the Interior regarding water quality control storage has injected a very complex issue into the proceedings, and that the company needs additional time to study this problem.

Appalachian is asking permission to file additional testimony on or before April 28, 1967, after which a new hearing date would be set.

"We regret the necessity for asking for this delay," said Joe P. Gills, vice president and general

manager. "We are eager to build the project, but the testimony filed by Interior and REA cooperatives in opposition to our plans has made it necessary for us to ask for more time."

He added that rescheduling the hearing would also enable Appalachian to appraise properly the Pipesteam Pumped Storage Project, put forward by the rural electric cooperatives as an alternate to the Blue Ridge Project.

"Additional time is necessary," Gills said, "to protect the economic well-being of the people in Grayson County who will be affected by our project. We feel that if this additional time is granted, it will in the long run expedite the granting of the license by the Federal Power Commission."

Appalachian will continue its land-buying activity in the area affected by the proposed dams and lakes. By the middle of last month, the company had under control more than 12,500 acres.

Cabin Creek Vet Dies In Retirement



Mr. Steele

Joe W. Steele, retired Cabin Creek plant employee, died December 1 after a long illness.

When he retired November 1, 1954 as boiler maintenance mechanic, Mr. Steele had more than 23 years of Appalachian service, all at Cabin Creek. He started out in 1931 as a boiler repairman, and held several job assignments in the mechanical department. He became boiler maintenance mechanic in February, 1949.

Mr. Steele is survived by his widow, three daughters, and two sons.

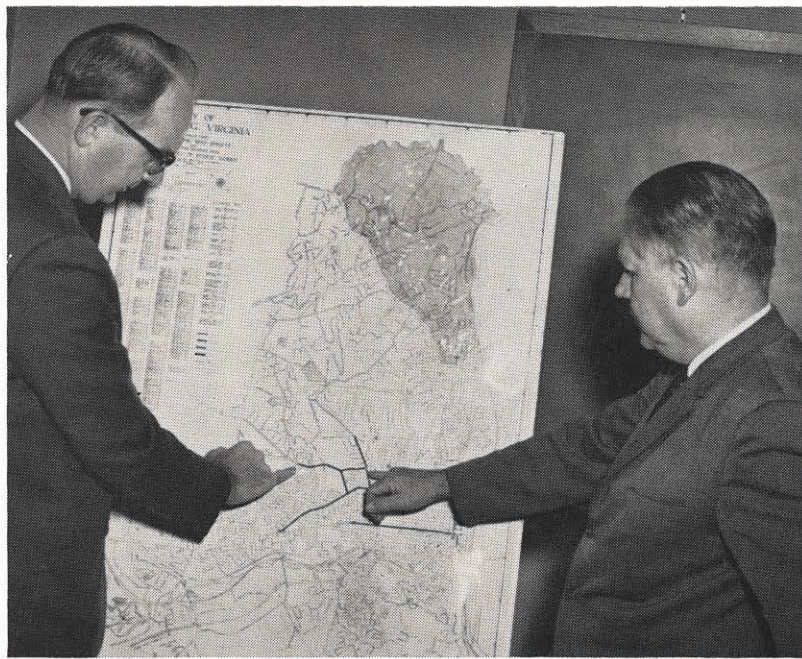
Fieldale Man Leads AEP In Heating Sales

Top electric heat salesman in the AEP system is Joel Wilson, heating and builder sales representative in Fieldale.

For the year just ended, he turned in 202 heating sales, a new individual record for the company and the system. For the statistically-minded, this works out to 176 per cent of his quota.

Mr. Wilson was slowed down in his sales efforts by an absence of six weeks for surgery and convalescence.

He joined Appalachian in 1951, and he worked ever since in the Fieldale area. He has also been a groundman.



Jack Harker, right, Lynchburg division electrical engineer, points out to John Vaughan, division manager, some of the light level intensities scheduled for the city of Lynchburg. Much of the city's street lighting system will be improved or replaced within the next three or four years.

Lynchburg To Modernize Street Lighting System

A contract calling for the replacement of 2,937 existing incandescent fixtures with mercury vapor lights and the addition of 1,380 new mercury vapor lights to Lynchburg's street lighting system has

been signed by the city and Appalachian.

This is the largest single new street lighting program undertaken by any city in the company's service area, and does not include the routine installations that will be authorized for subdivisions and other areas requiring new lighting.

Plans for the new lighting were evolved in the course of negotiations for a new contract between the city and the company.

According to the contract, the entire conversion program is to be completed within the next three to four years, with approximately 25 per cent of the work to be completed by August 1967. The new system will consist of 2,529 lights of 3,500 lumen; 734 of 7,000 lumen; 728 of 11,000 lumen, and 326 of 21,000 lumen.

The present plan is the third work of upgrading the street lighting system since 1955, when a modernization program was completed. In the years since, traffic conditions, which largely govern street lighting intensities, have changed. Streets which formerly required residential illumination have become arterial streets in which this light level is inadequate. In Lynchburg, for example, the traffic pattern of one street jumped from 200-300 vehicles in a 24-hour period to 15,000.

For Christmas Clinchers Get Bird

The Clinchers Club, employee organization at Clinch River plant, turned up this Christmas as regular—and as generous—as Santa Claus, and presented every member a free Christmas turkey.

This has become a tradition in the club's brief history, and since every employee is also a club member, it meant a total of 1,677 pounds of dressed turkey was distributed December 19.

AEP System's 1967 Construction Budget Will Be Largest In History At \$243.6-Million

The American Electric Power System expects to invest \$243.6-million in the expansion of its facilities in 1967, by far the largest one-year capital budget in its history.

Donald C. Cook, president of AEP and of our companies, said that the 1967 budget was the first to surpass the \$200-million level, and was almost half again as large as the previous record expenditure. The earlier high, set in 1966, was \$167.5-million, a figure that the current budget exceeds by 46.6 per cent.

(Mr. Cook noted that the 1966 capital expenditures excluded some \$36.8-million spent by AEP for the purchase of existing generating facilities in a power plant previously jointly owned by Ohio Power Company and Ormet Corporation.)

Prior to last year the previous high for system expansion had been \$164.1-million in 1957. During the 21-year period since World War II, the seven-state AEP system has had total capital expenditures of \$2.2-billion, an average of \$105-million per year for this period.

In the 1967 budget of \$243.65-million, by far the largest portion—\$107.6-million—is earmarked for the construction of generating facilities.

Ohio Power Company, now building two 615,000 kilowatt generating units, Cardinal Unit 2 and Muskingum Unit 5, will use more than \$66.3-million this year. (Cardinal Unit 2 will be bought from Ohio Power by Buckeye Power, Inc., the association of the state's rural electric cooperatives, if and when

the necessary regulatory approvals are obtained and financing by Buckeye is arranged. Ohio Power will buy from Buckeye the power from Cardinal No. 2 surplus to Buckeye's needs.) It will be completed this year, and Muskingum Unit 5 in 1968.

The next largest slice of the generation pie will be consumed by Kentucky Power, which will spend \$31.3-million on its 800,000 kilowatt Unit 2 at Big Sandy plant. This unit is scheduled for completion in 1969.

Included in the overall figure for the year's construction of generating capacity is \$5.4-million for preliminary work on the two recently-announced 800,000 kilowatt units to be built by Appalachian near Moundsville, West Virginia. These units are to be completed in 1970 and 1971 respectively.

Thus, six super-sized steam-electric generators totaling 4.25-million kw of capacity will have been completed on the AEP system during the period 1966-71, at the rate one unit a year.

Appalachian will also spend \$2.6-million for engineering studies and land acquisition for the company's proposed 980,000 kw Blue Ridge pumped storage development. Construction of the \$122-million project awaits the granting of a license by the Federal Power Commission.

Expenditures for transmission facilities will total \$64.9-million in 1967, including the purchase of right-of-way, surveying, and the beginning of construction of the system's new 765,000 volt transmission network.

Planned for completion in 1972, the initial 765,000 volt network will cost an estimated \$200-million and will span the length and depth of the system's seven-state service area. Construction will begin this year on some of the line's longest segments.

Indiana & Michigan Electric Company, for example, will begin work on two long stretches. One, between South Bend and the Clifty Creek plant of Ohio Valley Electric Company, will be 200 miles long; another, between South Bend and the Ohio state line, will stretch for 117 miles.

Appalachian will build a 175 mile sweep of line from the Kentucky border to Roanoke. Kentucky Power will build 75 miles from Big Sandy plant south to meet the Roanoke line at the Kentucky border. The total length of this stretch of line will then be 250 miles. Appalachian will also begin construction of a 165 mile link at the super-high voltage between Kammer plant, near Moundsville, to Big Sandy.

Another loop, the longest being built by a single AEP company, will be the 240 mile stretch across the breadth of Ohio from Kammer plant in the east to the Indiana border on the west.

Distribution expenditures will also be high in 1967. For new lines and substations and for the re-vamping and upgrading of existing circuits, the system will spend \$55.8-million this year. This work is part of a general, long-range program that will ultimately increase service voltages for all of the system's 1.5-million customers.

Youngman Named To System Post

Ralph A. Youngman has been named administrative assistant to Appalachian's system transportation supervisor, G. F. Murphy, with headquarters in Roanoke.



Mr. Youngman

Mr. Youngman had been transportation coordinator for the Roanoke division. The move was the latest in Mr. Youngman's 20-year Appalachian career. He joined the company in Roanoke as an engineer in 1946, and moved to Fieldale three years later. He worked in Fieldale as distribution engineer and district engineer before his promotion in 1962 to line and station supervisor. He moved to Roanoke a year ago.

Mr. Youngman holds an electrical engineering degree from Tri-State College, in Angola, Ind. and is a lieutenant-colonel and post engineer in the Army Reserve. He is also past president of the Fieldale Lions Club, a Mason, and attends the Methodist Church.

Gillock Promoted In Operations

G. M. Gillock has been named system chief operations coordinator for Appalachian, with headquarters in Roanoke. He succeeds John J. Armstrong, who retired December 1.



Mr. Gillock

Mr. Gillock had been serving as system assistant chief operations coordinator.

He joined the company as one of the first co-op students while he was attending Virginia Polytechnic Institute. Following graduation with a degree in electrical engineering, Mr. Gillock worked first in Roanoke in operations, and then moved to Switchback station as assistant regional chief dispatcher. He returned to Roanoke in 1962, and was promoted to assistant system chief operations coordinator in 1964.

He attends Evangelical United Brethren Church, and lists bowling and golf as his hobbies.

An Old Custom



They continued an old custom in Roanoke last month. For years now, the Office Safety Program Planning Committee has staged a special Christmas program, the admission to which was a can of food or the equivalent in cash. The goods and cash were turned over to the Salvation Army for distribution to needy families. This year, the William Byrd High School Chorus sang, and when it was over, Mrs. Brenda Wiley and G. L. Furr Jr. counted the proceeds. Fifteen bushel baskets of food and \$87 in cash were collected, enough to brighten Christmas a little bit for those in need.