

Moving a transformer with a shipping weight of nearly 188,000 pounds is a delicate job. This was the scene last month when a third transformer arrived at Cloverdale station for installation. When installed and completely tested, all three will serve the new 500,000-volt line between the station north of Roanoke and an interconnection with Virginia Electric and Power Company at Dooms, Virginia.

Biggest Transformers Installed To Serve First 500-KV Line

Three transformers, largest ever used on the Appalachian system, were installed last month in Cloverdale station near Roanoke. They are part of the major station work necessary to handle the 500,000-volt line now completed between Cloverdale and an interconnection with Virginia Electric & Power Company at Dooms, Virginia.

Energizing the line now awaits the final installation and testing of station equipment. It is expected that the line will go into service late this year.

The transformers each weigh 139 tons fully assembled, and each contains 10,195 gallons of oil for insulating and cooling purposes. Each stands 34 feet high, 11 feet wide, and nearly 24 feet long. They were brought by rail to the Wilkerson Lumber Company siding, adjacent to the station, and then hauled by special truck to the point of installation. A fourth transformer will be installed as a spare.

The line served by the transformers is the first constructed by Appalachian and AEP at 500,000-volts. The previous highest voltage was 345,000-volts. Already announced for the AEP system is a network of 765,000-volt transmission lines, the highest in the world.

The total length of the present line which terminates at Cloverdale is 84 miles to a point near Waynesboro. Appalachian's portion is 37 miles long. It is an integral part of a major loop extending 563 miles and involving the facilities of five utility companies in Virginia, West Virginia, Ohio, Pennsylvania, and Maryland.

Substantial benefits to the customers of both Appalachian and VEPCO will follow from the interconnection. They include improvement in their ability to provide mutual aid in the case of emergencies, and their capacity to exchange power on an economical basis. Further, it will help to keep down the cost of electric power by enabling both companies to reduce the generating capacity they reserve for reserve purposes, and

employ larger and more efficient units for power pooling purposes.

Work on the 500,000-volt line began in the summer of 1965.

AEP Intends To Retain Leadership In Industry, Cook Tells Managers

That the American Electric Power System intends to keep its position well in the forefront of every phase of progress being made by the electric utility industry was made clear at the 20th annual AEP System Management Meeting held in Wheeling, November 1-3.

In his closing statement to the 325 management members, President Donald C. Cook outlined the high spots of the AEP System's plans for the future.

He particularly pointed to the System's forthcoming 765,000-volt backbone transmission grid, through which, he said, "The AEP System will continue to be in a position of unique leadership in the power field for decades to come."

Mr. Cook said that the 1,050-mile super-high-voltage network, to be completed by 1972, would, in a very large measure, greatly influence the transmission development of neighboring utilities and, ultimately, utility operations across the entire country. He said that its construction would require even closer coordination of generation and transmission among all of the electric companies now interconnected with the AEP System.

Regional Pools

"In a philosophical sense," Mr. Cook said, "it provides direct answers to many questions about future power pooling and the alleged need for a national power grid. It demonstrates, I believe, that the right answer is to be found in well-conceived regional pools that are not merely interconnected but solidly integrated."

He emphasized that the new grid

would efficiently supply the System's future needs for handling large increases in load and power flow.

"The technology involved surely will represent one of the great engineering advances in power of this century," the president declared, "and the decision to build it now represents one of the most farsighted management decisions made in the history of the utility industry."

Mr. Cook also pointed to Ohio Power Company's new 1,230,000-kilowatt Cardinal plant at Brilliant, Ohio, as "an outstanding milepost down the long road of progress in generating technology."

And he termed the planned expansion of the Central Ohio Coal Company—which includes the erection of the world's largest drag-line and a new electric-powered short-haul railroad—as a move that "will make AEP a national leader in coal mining operations as it is in electric operations."

Mr. Cook also called for the continued exertion of leadership in the field of marketing as well as technology.

"I am sure you know that the AEP System carries the heavy burden of responsibility that goes with leadership in the industry," he said. "This leadership must be maintained, not only in technological development and efficient operation but in the results of our selling efforts. All of these are intimately tied together and affect and feed one another."

Challenge Ahead

Earlier, in his traditional state-of-the-company address which began the three-day conference at Wheeling's Oglebay Park, President Cook said that Congress' recent suspension of the investment tax credit (seven percent for most industry and three percent for utilities) and a probable increase in income taxes in 1967 would provide "a real challenge" to produce the kind of operating and earnings performance that the Company has turned in in the past.

In reviewing the AEP System's achievements in 1966, Mr. Cook cited rate reductions totaling almost \$3.8-million and affecting close to 650,000 customers. Total reductions made throughout the System in the last four years amounted to over \$11-million and gave AEP the lowest average price per kilowatt-hour among all of the nation's investor-owned electric utilities.

Turning to the Ohio Valley and West Virginia areas, Mr. Cook told AEP management that the System would add some 3-million kilowatts of new generating capacity in that region during the years 1968-71—at a cost of "well over \$300-million."

New Capacity

This capacity, he pointed out, does not include the Cardinal plant, but does include the 615,000-kw unit at Ohio Power's Muskingum River plant; the 800,000-kw addition to Kentucky Power Company's Big Sandy plant; and two more 800,000-kw units committed to be built in the state of West Virginia. The latter two are scheduled for operation in 1970-71.

(Continued on page 5)

Kingsport Men Help At Wreck

A Kentucky truck driver was lucky to have a Kingsport line crew following him not long ago when his tractor trailer was forced off the road and overturned.

Lucky, that is, because Kingsport's James W. Gilliam, in the company vehicle, was able to summon an ambulance by a quick radio call, and because company equipment was available to force open a door to free the trapped driver. J. L. Williamson and C. H. Hand pulled the driver out, and Mr. Williamson applied first aid until the ambulance arrived.

New 800,000-KW Unit Rises At Big Sandy

Construction work on the giant 800,000-kw addition to Kentucky Power's Big Sandy plant accelerated last month when concrete pouring for the foundation of the unit started. In all, 60,000 cubic yards will be poured.

In another part of the project, excavation and backfill work, involving removal of 250,000 cubic yards of earth is nearing completion.

Total cost of the new unit, including related facilities, has been

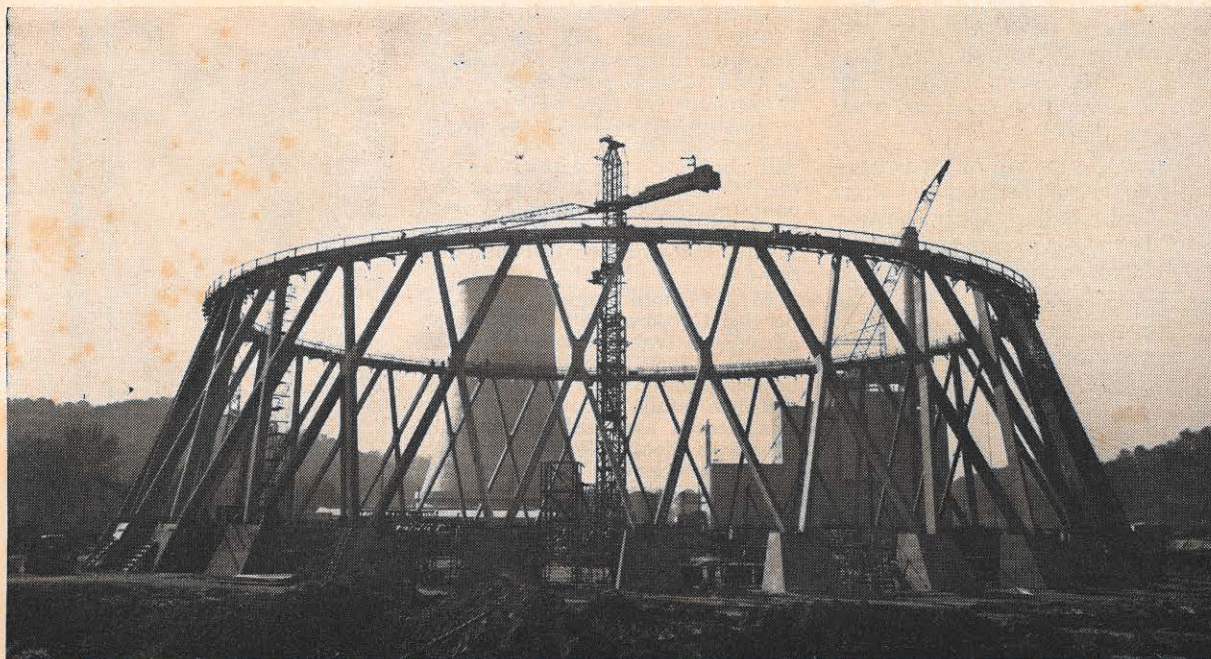
estimated at \$100-million. The unit, which will quadruple the capacity of the plant to 1,065,000-kw is scheduled for commercial operation in 1969. At that time, Big Sandy will become the largest investor-owned power plant in Kentucky.

Because of the tremendous increase in coal consumption which the new unit will bring about, the plant's existing coal-handling facilities will be expanded. At present, Unit 1 uses 750,000 tons

of coal a year, and Unit 2, in operation, will use more than 2-million tons. All of this coal will be produced in eastern Kentucky.

Preliminary railroad track work is underway. The former fly ash area is being covered with dirt, and will serve as a storage area for construction material. Later it will become the new coal storage area. Unit 1 fly ash is now being stored in a new disposal area.

Sollitt Construction Company, (Continued on page 5)



The first ring above the X-bracing has been completed in the cooling tower of the new unit at Big Sandy plant. Similar in design to Unit 1's hyperbolic cooling tower, the new one will be 50 feet higher, at 370 feet.

AEP System Sets New Peak

The American Electric Power System established a new system peak load just shy of 7.6-million kilowatts on Monday, November 28.

The new peak of 7,599,000-kw was set during the hour of 5 to 6 p.m. The previous high of 7,336,000-kw had been recorded on November 3.

Three of the System operating companies also set new peaks in late November. Appalachian established a peak of 2,322,000-kw from 5 to 6 p.m., Tuesday, November 29; Ohio Power Company, 3,040,000-kw from 6 to 7 p.m. the same day; and Indiana and Michigan Electric Company, 1,973,000-kw from 6 to 7 p.m., Monday, November 28.

The Illuminator

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editorial staff

WILLIAM A. McCLUNG
Public Affairs Director

DONLAN PIEDMONT
Editor

associate editors

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The Christmas Story

And there were shepherds in the same country abiding in the field, and keeping watch by night over their flocks. And an angel of the Lord stood by them, and the glory of the Lord shone round about them; and they were sore afraid. And the angel said unto them, Be not afraid; for behold, I bring you good tidings of great joy which shall be to all the people. For there is born to you this day in the city of David a Saviour, who is Christ the Lord. And this is the sign unto you: Ye shall find a babe wrapped in swaddling clothes, and lying in a manger. And suddenly there was with the angel a multitude of the heavenly host praising God, and saying:

Glory to God in the highest and on earth peace among men in whom He is well pleased.

And it came to pass, when the angels went away from them into heaven, the shepherds said one to another, Let us now go even unto Bethlehem, and see this thing that is come to pass, which the Lord hath made known unto us.

And they came with haste, and found both Mary and Joseph, and the babe lying in the manger. And when they saw it, they made known concerning the saying which was spoken to them about this child. And all that heard it wondered at the things which were spoken unto them by the shepherds.

But Mary kept all these sayings, pondering them in her heart. And the shepherds returned, glorifying and praising God for all the things that they had heard and seen, even as it was spoken unto them.

—St. Luke 2:8-21

At Christmas

Written as a Christmas letter in the 16th century, the spirit of this message is timeless.

"I am your friend," the letter goes, "and my love for you goes deep. There is nothing I can give you which you have not got; but there is much, very much, that, while I cannot give it, you can take. No heaven can come to us unless our hearts find rest in today. Take Heaven! No peace lies in the future which is not hidden in the present little instant. Take Peace!"

"The gloom of the world is but a shadow. Behind it yet within our reach is Joy. There is radiance and glory in the darkness, could we but see—and to see we have only to look. I beseech you to look.

"Life is so generous a giver, but we, judging its gifts by their covering, cast them away as ugly or heavy or hard. Remove the covering and you will find beneath it a live splendour, woven of love, by wisdom, with power. Welcome it, grasp it, and you touch the Angel's hand that brings it to you. Everything we call a trial, a sorrow, or a duty, believe me, that Angel's hand is there; the gift is there, and the wonder of an overshadowing Presence. Our joys too; be not content with them as Joys. They, too, conceal diviner gifts.

"Life is so full of Meaning and Purpose, so full of Beauty—beneath its covering—that you will find earth but cloaks your heaven. Courage then to claim it; that is all! But courage you have; and the knowledge that we are pilgrims together, wending, through unknown country, home.

"And so, at this Christmas time, I greet you. Not quite as the world sends greetings, but with profound esteem and with the prayer that for you now and forever, the day breaks, and the shadows flee away."

F. E. McLoughlin Dies In New York

F. Eugene McLoughlin, 49, head of the mechanical section of the AEP Service Corporation's construction division, died of a heart attack November 19.

Mr. McLoughlin joined the AEP System in 1941 as an assistant mechanical supervisor during construction work at the Philo plant. He later worked as a construction supervisor on the Cabin Creek,

Twin Branch, and Tidd Plants. He was transferred to the Service Corporation in 1946, became a section head in the construction department in 1956, assumed plant maintenance responsibilities in 1963, and was named head of the mechanical section last February.

Survivors include his wife; a daughter, and a son, Mark.

Sporn Loan Fund Established At VPI

A fifth "Philip and Sadie Sporn Loan Fund" was recently established for deserving students, this one at Virginia Polytechnic Institute, Blacksburg, Va.

The \$50,000 loan fund was made available from the Philip Sporn Educational Trust. Similar loan funds earlier were established at Columbia University, Cornell University, Indiana Institute of Technology and Rensselaer Polytechnic Institute.

The Educational Trust was initially created in 1961 from gifts totaling \$100,000 from almost 9,000 employees of the AEP System and from American Electric Power Company. The gift marked Philip Sporn's retirement as president of AEP in December 1961. The trust has grown since then from earnings and subsequent gifts from both Mr. Sporn and AEP.

The VPI loan fund permits the university to select deserving students and to issue loans to them equal to the complete cost of tuition and fees for each undergraduate year except the freshman year.

Two-thirds of freshman year tuition and fees may be covered by the fund. The loan program is designed to be self-perpetuating and to carry an interest rate of not more than 3 per cent a year.

First 615,000-KW Unit In Operation At Cardinal

The American Electric Power System's newest and largest generating unit, the 615,000-kilowatt Unit 1 of Cardinal plant, was put into commercial operation December 1.

The action raised the AEP System's total generating capability to an all-time high of 9,203,000 kilowatts.

Located on the Ohio River at Brilliant, Ohio, the new unit is

owned by Ohio Power Company. A second 615,000-kw unit at Cardinal Plant is scheduled for completion in mid-1967. The second unit will be owned by Buckeye Power, Inc., an organization of Ohio's rural electric cooperatives.

Construction on Unit 1 began in November 1963. Total cost of the two units is estimated at \$125-million.

Sidney Mitchell, AEP Director, Dies

Sidney A. Mitchell, 71, director of the American Electric Power Company, died November 28 in New York City after an extended period of failing health.

He had served on the AEP Board of Directors during three periods—from 1929 to 1935, from 1946 to 1953, and from 1958 until his death. He was also a member of the board's executive committee. His father, the late Sidney Z. Mitchell, was the founding chairman of the board of AEP, serving in that capacity from 1907 to 1923 and again from 1926 to 1933.

Sidney A. Mitchell was an investment banker and trust administrator. He also engaged in a number of governmental and humanitarian pursuits and was a long time associate and friend of the late president, Herbert Hoover.

A graduate of Yale University, Mr. Mitchell served with the U. S. Navy Department in 1942-44, and the U. S. State Department in 1944-45. He was executive director of the first Hoover Commission on organization of the executive branch of the government in 1947-49 and served as a member of the second Hoover Commission in 1953-55.

His survivors include his wife, Mary; a son, Sidney A., Jr.; and three daughters, Mary, Ann and Joan.

Lindahl Named EDP Division Head In Canton Center

Allan W. Lindahl, assistant treasurer of American Electric Power Service Corporation, has been named manager of the EDP systems and methods division at the AEP System Computer Center in Canton, Ohio.

He succeeds Nelson G. Hamrick, who has resigned to join Middle West Service Company in Chicago.

Mr. Lindahl will direct the division's activities, including systems design, programming and conversions for new EDP systems and methods as applied to accounting and similar areas. In addition, he will continue as project chairman of the System EDP General Accounting Task Force, engaged in planning and developing requirements for the new central computer system.

Mr. Lindahl joined the AEP Service Corporation in 1954 as an administrative assistant on the treasury staff. Previously he had been associated with Niles & Niles, certified public accountants. He was elected assistant treasurer of American Electric Power Company and of the Service Corporation in 1964.

He is a native of New Jersey, was graduated in 1949 from Upsala College with a BS degree in business administration and is a CPA. During World War II he served in the Pacific Theater with the U. S. Marines.

He and his wife, Anne, a former Appalachian employe in Roanoke, are the parents of two sons. They now reside in Caldwell, N. J.

McPherson Named Board President

At the annual meeting of the Board of Visitors of Emory & Henry College November 19, Fillmore McPherson, Jr., Abingdon division manager, was elected president of the Board for 1966-67.



Mr. McPherson

The board is composed of 40 men and women from business, industrial, professional and individuals, who have demonstrated an interest in the progress of the college. The board's membership is drawn principally from the Virginia Highlands and upper east Tennessee area, but also includes members from other areas of Virginia and other eastern states. Joe P. Gills, vice president and general manager, has been a member of the Board for a number of years.

George McKnight Dies In New York

George G. McKnight, 42, member of the AEP Service Corporation treasury department, and employee of the AEP System for 17 years, died unexpectedly at his home November 3. His death was attributed to an apparent heart attack.

He had been a special auditor in the field of construction contracts in the Service Corporation auditing division, until last month's move of the division to the AEP System offices in Canton, Ohio, at which time he was transferred to the Treasury Department.

Mr. McKnight lived most of his life in Mason County, W. Va. He was born there December 11, 1923; received a BS degree in business administration from Marshall University in 1949; and joined the staff at the AEP System's Philip Sporn plant at New Haven in October of that year. He was promoted to the New York office in 1960.

His immediate survivors include his widow, Mary Ruth; a daughter, Sharon, 13, and a son, George, 11.

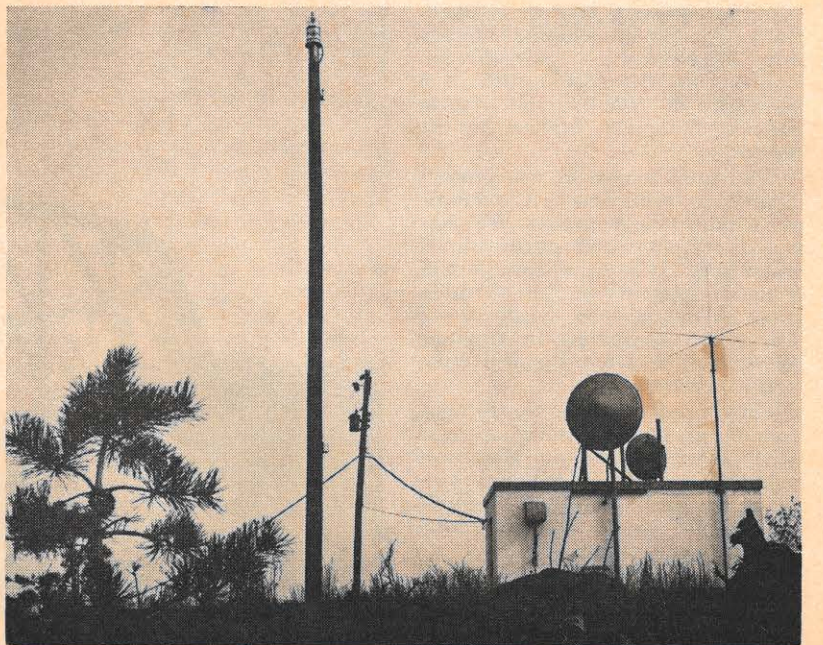
Company Installs Beacon For Lake's Navigators

Boaters navigating the waters of Smith Mountain and Leesville Lakes at night can orient themselves by a friendly blinking beacon installed by Appalachian atop Smith Mountain itself.

The red-and-white flashing light is mounted on a 41-foot pole, and stands 1,941 feet above sea level. It will serve as a reference point for boaters, and will be visible from a large portion of both lakes.

The light, consisting of two 620-watt lamps prefocused to emit a narrow beam of intense light, was installed last month by an Appalachian crew. It is located near the company's microwave tower on the Pittsylvania county side of the river. It will operate automatically on an electric-eye device.

Appalachian worked with the Federal Aviation Agency in establishing the beacon.



The new beacon on Smith Mountain rises not far from Appalachian's microwave installation.

Speakers' Bureau Set Up To Tell Company Story

Appalachian has begun a new service for its customers.

A Speakers' Bureau has been established by the company, and through it the company is offering a number of talks, slide presentations, and movies to civic, service, school, church, and other groups in the company's service area.

A folder announcing the program and listing talks and movies available has been mailed from each division office to each of the groups. Also sent was a request card.

In each division, a coordinator will receive requests for programs, and a number of employees will put on the various programs. Instruction in public speaking has been given these employees.

The Speakers' Bureau has a two-fold purpose: to render another service to our customers, and to provide another good way in which the company's story can be gotten across to the public.

Eight talks and slide presentations are included in the initial list available to groups, and others will be added from time to time. The eight include discussions of coal, the computer center in Canton and how it works with Appalachian

for better customer service, pumped storage, community betterment, the 765,000 volt line, the story of the New and Kanawha Rivers as symbols of free enterprise, the company's Smith Mountain Hydro-electric Development, the company's proposed Blue Ridge Pumped Storage and Hydro-electric Development, and the story of electricity and how it affects life.

Movies available in the initial list include several on free enterprise, electricity, people, safety, and rural and farm subjects. This list will also be expanded as the program progresses.

Employees who are members of an organization and would like to see it take advantage of this offer should contact the organization's program director or president.

W. L. Smythers Promoted To Line Supervisor

Warren L. Smythers has been promoted to line supervisor in the Abingdon Division.

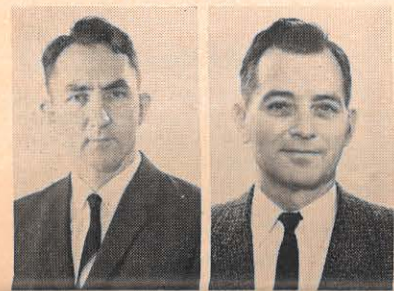
A native of Carroll County, Mr. Smythers joined Appalachian on November 20, 1946, and has worked as an engineer, line inspector, engineering aide and lineman.

He is a member of the Abingdon Lions Club, and has served as president. He is active in the Sinking Spring Presbyterian Church in Abingdon. He is married and makes his home in Abingdon.



Mr. Smythers

Two Promoted At Sporn Plant



Mr. Cole

Mr. Wallace

Two Sporn plant men have been promoted to unit foreman. They are Raymond L. Cole and Dwight R. Wallace, both of whom move up from equipment operator.

The two joined the company one day apart, Mr. Wallace on July 11, 1951 and Mr. Cole July 12.

Mr. Wallace worked first as a laborer, helper in the maintenance department, and auxiliary equipment operator before he was named equipment operator in June 1960. Born in Stockport, Ohio, Mr. Wallace served in the Army for more than four years. He and his wife have three children and live in Middleport, Ohio.

Born in Richmond, Virginia, Mr. Cole was a laborer, helper in the maintenance department, a junior maintenance man, auxiliary equipment operator, and equipment operator. He and his wife live near Pomeroy, Ohio, and have two children.

Veteran Lineman Retires In Pulaski

With more than 38 years of service, M. L. Saunders, lineman in Pulaski, has retired November 1.

He started out in 1924, working on the construction of the steel tower line between Bylesby hydro plant and the Pulaski 88-kv substation. After a brief interval following that job, he returned to Appalachian and has worked continuously in the local line crew since.

Mr. and Mrs. Saunders make their home in Pulaski, and attend the Presbyterian Church. His plans for the future include dragging fish from the waters of Claytor Lake.

IRS Sets New Tax Allowances

With Federal income tax time not far off, the Internal Revenue Service has announced that new withholding allowances based in large itemized deductions will be available to employees, starting in 1967.

A person becomes eligible to claim the new withholding allowances in addition to his regular exemptions as soon as he files his income tax return for 1966.

If an employee's return shows large itemized deductions for 1966, and if he expects similar deductions for 1967, he may qualify for the additional withholding allowances. Local personnel supervisors can help determine qualification by the use of Schedule A (Form W-4).

If the employee is qualified for the additional allowances and wishes to take advantage of them, he must submit a revised withholding exemption certificate plus Schedule A to his division personnel department as early as possible.

It should be noted that this procedure must be followed each year, since allowances are based on tax returns for the preceding year. Even when the employee decides to discontinue claiming the additional allowance he must file a revised withholding certificate showing the regular number of exemptions.

Employees are also reminded that they may increase the amount withheld from checks by claiming a smaller number of exemptions, if they expect to owe more tax than is withheld.

McClung Elected BBB President

William A. McClung, public affairs director, has been re-elected president of the Better Business Bureau of Roanoke Valley, Inc.

He is a member of the Roanoke Chamber of Commerce and the Virginia Chamber of Commerce; a member of the advertising and public relations committee of the Southeastern Electric Exchange; and a member of the public relations committee of the Public Utilities Association of the Virginias. He is chairman of the Parents Fund Committee of Ferrum Junior College; a past president of the Roanoke Advertising Club and Civitan Club, and past chairman of Region 5, Public Utilities Advertising Association.

Mr. McClung joined the company in 1949 as editor in the public affairs department. He has held the positions of advertising and publications supervisor and assistant public affairs director. He is a graduate of Concord College.



Mr. McClung



This is Friendship Manor, home for the aged built in Roanoke by the Church of the Brethren. Modern in every respect, it is total electric with a connected load of 1,200-kw.

Total Electric Concept Features Home For Aged

The golden years for residents of Roanoke's new Friendship Manor will be made more golden through the convenience of total electric living.

Friendship Manor is the name of the just-opened home for the aged built and operated in Roanoke by the Church of the Brethren. It stands five stories tall, contains 21 small apartments with kitchen facilities, 70 individual rooms, kitchen, dining room, a social room with outdoor balcony on each floor, a basement for recreation, hobby, and craft use, a fully-equipped dispensary, and a barber and beauty shop.

The second floor is to be operated as a special care area for ailing residents, and is staffed with registered nurses and other personnel.

The total connected load of Friendship Manor is about 1,200-kw. The heart of the load is a factory assembled 125-hp package heat pump, with 150-kw of resistance heat, making it the largest complete heat pump unit of its kind on the Appalachian system. It furnishes hot and chilled water simultaneously to each room and

apartment in the building, permitting residents to set their own comfort temperatures. Other load includes 138-kw for water heating, 62-kw for resistance heat in bathrooms, 88-kw in the commercial kitchen and 18-kw more for water heating there. The combined electric load of the individual ranges in efficiency apartments exceeds 180-kw, lighting inside and out accounts for 155-kw, and the remainder is available for various miscellaneous uses, including two elevators.

Friendship Manor has already opened its doors, and is already completely full, with a waiting list equal to its present population. It accepts guests 62 years of age or older without regard to race, religion, or national origin. To provide a true flavor of "home" each resident may bring his own furniture and other possessions. It is built on a 9½-acre tract north of Roanoke with a view of the mountains circling the city. Plans are already in progress to build a separate infirmary building and another apartment building, both to be, like the present one, total electric.

To Daddy



Tracy Waters, 2, needed help to mail Christmas packages to her daddy in Vietnam. Her mother is Pat Waters, PBX operator in Roanoke, and her father, James P. Waters, is in the Air Force. (Photo courtesy Roanoke World-News.)

Holiday Time



Jack Hawks, lineman, has just finished connecting the final string of lights on Tazewell's Main Street. Christmas street lighting all over the area adds a bright and merry touch to the whirlwind of shopping.

Lynchburg Fetes Service Veterans

Four 40-year and two 35-year veterans were among the honored guests when the Lynchburg division saluted its long service employees at the annual dinner last month. John Vaughan, division manager, presided.

The 40-year men were W. E. Metts, L. R. Hudson, E. B. Pinkard, and B. C. Cook. E. J. Rice and R. C. Reynolds were the 35-year men.

Others recognized were W. H. Key, 30 years; W. E. Moss, J. E. Howard, E. R. Driskill, W. L. Booth, Jr., Norman Johnson Jr., E. D. Layne, and W. T. Sublett, 25 years. S. M. Glass, A. W. Haley, F. O. Smith, G. C. Wheeler, W. C. Boblett, Jane D. Armistead, D. J. Thompson, Jr., J. L. Ashworth, F. D. Giles, Jr., S. L. Drumheller, C. H. Morris, E. E. Wells, 20 years. G. N. Patterson, G. E. Elder, T. H. Pillow, W. W. Ford, Jr., and R. O. Witt, 15 years. J. B. Rice and O. D. Hawkins, 10 years.

Wedding Bells Ring For Many Across System

Weatheron-Brown

Ann Elizabeth Weatheron was married to Richard Hale Brown on September 17 in the First Presbyterian Church in Ashland. Mrs. Brown is the daughter of G. A. Weatheron, retired commercial manager at Kentucky Power Co.



Winner-Newman

Sally Reed Winner became the bride of Ross Eldridge Newman on November 9 in the First Baptist Church of Pearisburg, Va. Mrs. Newman is the daughter of Mrs. Parthenia Glover, stenographer in Beckley.



Evans-Armbrister

October 29 was the wedding day of Patra Ann Evans and David Lee Armbrister, who were married at the Presbyterian Church in Sparta, N. C. Mrs. Armbrister is PBX operator at Pulaski.

Married over the system in recent weeks were, top row, from left: Mrs. Richard Hale Brown, Ashland; Mrs. Ross E. Newman, Beckley; Mrs. David Lee Armbrister, Pulaski; Mrs. Douglas B. Suthers, Pulaski. Bottom row: Mrs. Gerald C. Cooper, Lynchburg; Mrs. Allan Lee McCroskey, system, and Mrs. Raymond Bright, system.



Crockett-Suthers

Patricia Dane Crockett was married to Douglas Boyd Suthers on October 21 in the Crockett's Chapel Methodist Church in Cripple Creek Va. Mr. Suthers is a lineman helper at Pulaski



Bean-Cooper

Ginger Carole Bean and Pfc. Gerald Gene Cooper exchanged nuptial vows in the Calvary Baptist Church in Concord on October 15. Mrs. Cooper is employed at the Lynchburg division.

Beard-Bright

Marie Estelle Beard and Raymond Douglas Bright were united in marriage on October 13 at the Central Methodist Church in Salem, Va. Mr. Bright is an employee in the system accounting office in Roanoke.

setting of the October 14th wedding of Rebecca Ann Nichols and Wade Mahlon Howell. Mrs. Howell is the daughter of W. L. Nichols, Jr., lineman at Fieldale.

Lindsey-Russell

Dorcas Lindsey and Cecil Russell were united in marriage. Miss Lindsey is a customer service clerk in Huntington.

Duke-Reese

Frances Duke and Walter Reese were united in marriage on October 8. Mr. Reese is a plant janitor at Cabin Creek plant.

Tuck-McCroskey

Reatha Gail Tuck became the bride of Allan Lee McCroskey on November 12. Mrs. McCroskey is an employee of the classification and accounts payable department in Roanoke.

Nichols-Howell

The Hill Memorial Baptist Church in Fieldale, Va. was the

Ohlinger-Woolcock

Coraletta Ohlinger and Danny F. Woolcock were united in marriage at the Methodist Church in Pearisburg, Va. on November 4. Mr. Woolcock is chief chemist at the Philip Sporn plant.

Boyd-Cornett

Anita Schaeffer Boyd became the bride of Ray Hix Cornett at the Memorial Baptist Church on October 15. Mr. Cornett is a T&D clerk at Pulaski.

Mullins-Moore

Rosalind Gail Mullins was married to Larry Moore on October 14. Mr. Moore is a laborer at Cabin Creek plant.

They're Engaged

BRENDA JOYCE REED to Clarence G. Pierce, Jr. Mr. Pierce is the son of Mrs. Eloise Pierce, T&D clerk in Beckley.

BEVERLEY BOURNE to William H. Niemann. Miss Bourne is a home economist in the Huntington division.

Miss Phipps Retires From Galax Office



Miss Phipps

Retirement October 31 closed out the Appalachian career of Zelle Phipps, contract clerk in the Galax office.

A veteran of 25 years of company service, she spent that time in Galax. Miss Phipps is a member of the Methodist Church.

While she has no definite retirement plans, she believes that she has enough to do to keep her busy.

New Arrivals

Abingdon Division

MR. AND MRS. R. E. BELLAMY, a daughter, Kelle Gene, October 5. Mr. Bellamy is employed as a line crewman.

Cabin Creek Plant

MR. AND MRS. W. W. WOODS, II, a daughter, Anita Lynn, May 23. Mr. Woods is a laborer.

MR. AND MRS. S. F. LEWIS, a daughter, Karen Sue, October 11. Mr. Lewis is a laborer.

Huntington Division

MR. AND MRS. CLARENCE BROWN, a daughter, Camille Yvette, November 2. Mr. Brown is an auto repairman helper.

Pulaski Division

MR. AND MRS. POSEY C. PAYNE, JR., a son, William Michael, October 7. Mr. Payne is a stationman helper.

MR. AND MRS. DARRELL STUART, a son, Chad Eric, October 29. Mr. Stuart is employed as a rodman.

Philip Sporn Plant

MR. AND MRS. JAMES L. FRY, a daughter, Ruth Ann, November 1. Mr. Fry is an auxiliary equipment operator.

MR. AND MRS. JOHN N. LEWIS, a daughter, Karen Yvonne, November 12. Mr. Lewis is employed as a maintenance man.

System

MR. AND MRS. E. L. HARMON, a son, Jerry Lee, September 2. Mr. Harmon is employed in the system transmission line department.

MR. AND MRS. L. E. CHITTUM, a son, Christopher Lyn, September 12. Mr. Chittum is employed in the system station department.

Queen



This is Penny Rasnick, whose father is lineman in Gate City. Her claim to fame is her coronation as Homecoming Queen at Gate City High School.

Pulaski Honors 43 Division Veterans

Pulaski division employees enjoyed each other's company and honored 43 of their number at the annual service banquet last month.

Recognized by A. F. Horne, division manager, were 18 employees who marked 20 years of service during 1966; 18 with 25, and seven with 30.

Altogether, 101 employees attended the dinner in the company auditorium.

Mr. Horne's 40 years of service, for which he was recognized by Donald C. Cook at the recent AEP Manager's Meeting, was also noted by the Pulaski group.

Fall Flowers Brighten Ashland

Fresh flowers decorate the desks in the Ashland office long after most blooms have died away in the fall.

That's because Dave Criswell, heating sales representative, is an expert dahlia grower, with a few tricks up his sleeve learned in 20 years of experience.

In his extensive flower garden, Dave usually works with about 15 different colors in dahlias. He likes to plant his bulbs in the latter part of May so that they begin to bloom in August, and continue to bloom until the first frost of the fall, when most flowers are only memories.

With hundreds of dahlias available, Dave supplies his church, his friends, and neighbors as well as

the girls at the office, where the blooms brighten the days for customers as well as employees.

Now is the time, Dave says, to dig up the bulbs and store them through the winter in a cool, dry spot. Bulbs will multiply ten to 15 times during the growing season, and like the blooms, Dave shares these with others.

For the pleasure and enjoyment he and others derive from his hobby, Dave says there is remarkable little effort involved. There is the planting, of course, and the weeding and watering, but to the person who likes to grow things, this isn't effort—it's investment. And the dividends are lovely blossoms and the enjoyment of sharing them.



Dave Criswell presents a vase of the famous Criswell Dahlias to Lori Williamson, Ashland division accounting. He gets blooms from his plants until the first frost.



Back from a four-year tour of missionary and teaching duty in Malaya, Betty Speas, right, shows her sister Judith Ann photographs she made there. Judith Ann has just begun a training course in the Interdenominational Candidate School for overseas missionary fellowship, and hopes to be assigned to Southeast Asia mission duty. The Speas girls' brother Richard has just resigned his post with North American Aviation Corp. to take a missionary aid aviation course at Moody Bible Institute. These dedicated three are the children of Richard Speas, Roanoke division hydro supervisor, assigned to Smith Mountain operations.

Roanoke

Roanoke

J. M. Burnett, commercial manager, has been named chairman of the first aid training commission of the Roanoke Valley unit of the American Red Cross. The immediate goal of the commission is to certify, after proper training, all physical education instructors as first aid instructors as well; and to begin in high school physical education classes a course in fundamentals of first aid for all students. Mr. Burnett has a long record of activity in community projects, including Junior Achievement, Cancer Crusade, Boy Scouts, and church work.

Sons of two employees in Roanoke have received their Life Scout awards. They are Greg Peters, son of I. B. Peters, division personnel, and Gary Cromer, son of Guy Cromer, real estate and right-of-way department.

Returning to work after long absences are J. D. Prather, groundman, who has been off duty for six weeks because of illness, and Mrs. Betty Burnett, stenographer, who was absent two months after surgery and recuperation.

New employees in the division

are Frances M. Tuck, cook-house-keeper; Anderson B. Tuck, caretaker, and Willie G. Feazelle, lineman helper.



A month or two ago, we published a picture of Rudy Martin of Fieldale, who had just been named Eagle Scout. Unfortunately at that time we were sent a picture of the wrong Eagle. Here, to correct the record, is the real Rudy Martin, son of Fieldale's Betty Martin.

Bluefield

Bluefield

Calls to church work have been heard and answered by a number of Bluefield folks. Among them, listed in no particular order, are Paul Parks, named secretary of the board of deacons; Scott Robinson, son of O. L. Robinson, usher; Mrs. Arnold Crotty, president of the Ruth Sunday School Class, and Ray Heldreth, secretary, all of College Avenue Baptist Church. Jay W. Farley Jr. was elected a member of the Official Board and member of the Sunday School teaching class in Bland Street Methodist Church. Joe Stinson is president of the Men's Club and chairman of the finance committee of First Methodist Church, and Henry Jones was named Sunday School superintendent at Emmanuel Lutheran Church to go with his other jobs as member of the church council, chairman of the worship and music committee, and member of the choir. James R. Turpin is superintendent of Sunday School at Pentecostal Church of God.

Ray Heldreth was also elected treasurer of the Bluefield Clover

Club, and his son Billy is co-editor of *Beaver Press*, a Bluefield high school publication.

The Brushfork Ruritan Club has picked two employees to help run the organization. Kenneth Jackson was named secretary and William Perdue treasurer.

Bill Belchee's son Bill has been elected college representative for his fraternity, Sigma Phi, at Wake Forest College.

Welch

Attending the state PTA meeting in Clarksburg last month were Mr. and Mrs. J. L. Mullins. Mr. Mullins, local office supervisor, is past president of the Welch Elementary PTA . . . R. H. Ruff and O. J. Bragg served as co-chairmen of the Welch Veterans Day parade . . . In that parade Mrs. Estel Crabtree, accepted the trophy for the best civic club float. She is president of the Olga Woman's Club, of Coalwood, and is the wife of the Welch lineman.

Linda Hall, daughter of Paul Hall, has been elected secretary of the 4-H Junior Leaders of Wyoming county, and Mike Farley, son of Lonedra Rose, is vice president of the senior honor society of Pineville High.

Happenings Around The Circuit

Kentucky

Ashland

Two men have assumed leadership positions in the campaign to aid in the development of Kentucky. David Criswell, Ashland commercial department, has been treasurer of the Northeast Kentucky Development Council's governing committee, and Roger G. Thompson, industrial development director, has been elected a director of the Associated Industries of Kentucky.

At the same time, two others are lending Uncle Sam a hand. William H. Carrico, commercial, has entered the Air Force, and John G. White, commercial, is on a military leave of absence to attend an advanced school in the Naval Reserve Surface Division. William G. Greer, commercial, has resigned.

Pikeville

Biddie Williamson, home sales representative, has resigned, and was given a going-away party and gifts by the division's girls . . . Stafford Damron is a new accounting department employee.

Abingdon

Paul Dunn, fresh from his triumph as a groomsman in the Abingdon Kiwanis Club Womanless Wedding, has been appointed to the newly created Washington County Industrial Commission. In the same Kiwanis Club performance, Fillmore McPherson Jr. was the soloist.

Mrs. R. A. Sheffey Jr., whose husband is the division engineer, has been elected president of the Abingdon Chapter of the American Association of University Women.

Mrs. J. M. Cole was honored recently when the Johnston Memorial Hospital School of Nursing dedicated its yearbook to her. Mrs. Cole, whose husband is power sales engineer, teaches science in the school.

A new employee in Washington county is William Clapp.

Clinch River

The Clinch Veterans Club, with members' wives attending, held its annual dinner last month in Bristol. W. G. Bell, Jr. was the principal speaker. Current officers are Earl Ferrell, president; Lon Brewer, vice president, and J. T. Buntion, secretary.

Diana Jones, daughter of Clinch River plant time clerk Ruth Jones has been elected president of the Russell County 4-H Council. She is currently president of the Lebanon High School 4-H Club, vice-president of the Tri-Hi-Y Clubs in the western Virginia District, and a Varsity cheerleader for the third consecutive year.

Kingsport

Virginia Warrick has received a special pin from the Red Cross, honoring her one thousand hours of volunteer service as a Red Cross nurse's aide. Her husband is Gordon Warrick, auto repairman helper.

Charleston

Beckley

L. W. Thorne, T&D clerk, has been elected president of the Beckley Toastmasters Club.

Kanawha River Plant

D. E. Carte is a new employee.

Huntington

Huntington

Governor Hulett Smith has named Carl Dunn Cabell county chairman for the Progress Corps. This organization represents a small army of volunteers active in civic and community affairs throughout the state.

New employees include Ronald J. Diamond, Russell Lee Bostic, Jr., and William L. Fultz.

Philip Sporn Plant

New officers of the plant's 20-Year Veterans Club are Dennis Briles, president; Keith Arnold, vice president, and Karl Wiles, secretary and treasurer.

Harry Pickens has been elected district deputy of the Junior Order of United American Mechanics, and Robert Sayre was named inside sentinel.

Robert L. Coder has resigned to enter military service, and James P. Keefer has resigned to move to Arizona.

Paul Simpson Jr. is a new employee.

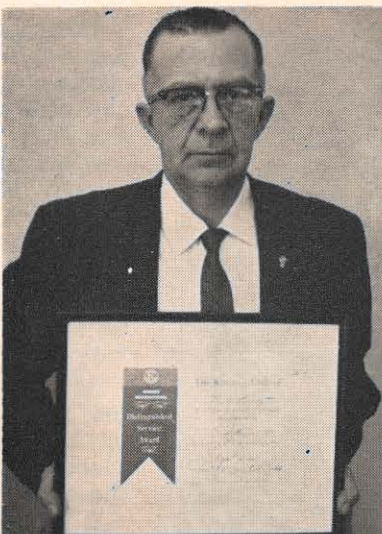
Pulaski

Publications of Pulaski high school have an Appalachian flavor, at least on the staff. Patricia Buckner, daughter of Cecil Buckner, is the editor of the school paper, *Oriole Chirps*, and her brother Joe is sports editor. On the staff of the school annual, *The Oriole*, Diana Love is assistant editor, and Martha Hulme is literary editor. Diana's father is R. H. Love, Martha's is William Hulme. Incidentally, Mr. Buckner's other daughter, Jean, is head cheerleader at Bridgewater College.

News of other Pulaski children show Tony Blair, son of R. J. Blair, being initiated into Sigma Gamma Epsilon, national honorary fraternity, at VPI; Martha Whitehurst, whose father is Jerry Whitehurst, serving as president of the Youth Fellowship at First Presbyterian Church, and Bruce McCall Jr. elected president of his sophomore homeroom at Pulaski High.

R. H. Lester has been named a director of the Christiansburg Chamber of Commerce . . . D. C. Duncan, retired safety director, spoke recently to the Pulaski Woman's Club on his recent extensive travels through the Pacific area . . . Carl Schmidt is the new vice president of the Weekday Religious Education Council.

(Continued on page 11)



Carl G. Powers, Wytheville T&D clerk, holds the Kiwanis International Distinguished Service Award recently given to him "as a token of appreciation for loyal service" by the Wythe County Kiwanis Club. He has a 17-year perfect attendance record, has held a number of offices, and is presently in his fifth year as treasurer.



Mr. Reeves

Ambrose Reeves Dies In Retirement

Ambrose W. Reeves, who retired on July 31, 1958 as an auxiliary equipment operator at Glen Lyn, died October 17, 1966.

Mr. Reeves started with the company October 10, 1923 and spent his entire career at the Glen Lyn plant.

He worked as an ash handler, coal handler, and later a boiler room man and utility operator. When he retired with approximately 35 years of service, he was an auxiliary equipment operator.

A brother, W. J. Reeves, retired recently from the Glen Lyn plant after completing 36 years of service.

Interment took place in the Woodlawn cemetery in Rich Creek, Virginia.

Power Still Flows—Retiree Is Salesman

Electricity flows through his veins, otherwise, how do you explain Francis Claytor?

Ten years after he retired as senior station engineer from the T&D department in Bluefield, Mr. Claytor is still in the electric business. This time, he's a salesman for the Young Electric Company in Bluefield.

Is he good at it? Only the best, that's all.

At the end of the first month of the new promotional year, Mr. Claytor was the leading salesman in the entire Appalachian service area, with 42 credit points. This total came from the 14-count 'em, 14—electric heat conversions he sold in just one month.

Cook

(Continued from page 1)

Cook predicted that the System's net load—that amount of electric power that must be made available to meet total customer requirements—would increase about 11.5 percent this year over last. He also forecast increases of 8.4 percent in residential kilowatt-hour sales, 8.7 percent in commercial sales and 6.2 percent in industrial sales and a whopping 37 percent gain in sales to other utilities.

Big Sandy

(Continued from page 1)

South Bend, Indiana, contractor for a number of jobs on the AEP system, including Smith Mountain Dam, is the contractor for the concrete pouring. Excavation is being done by Great Lakes Construction Company, Cleveland, and Bristol Iron & Steel Works, Bristol, Va., will fabricate and erect about 6,000 tons of structural steel after the foundation is finished.

The unit's boiler will be furnished and erected by Foster Wheeler Corporation. It will be as high as a 20 story building, and capable of delivering more than 5-million pounds of high pressure steam per hour to spin the unit's turbines. The turbine generator will be manufactured and installed by General Electric Company.

YES MA'AM—IT WORKS!



Susan Kilby, left, explains to a customer how automatic laundry equipment gets the most from permanent press garments.

Perhaps the greatest thing for housewives since sliced bread is the new permanent press fabrics now turning up in dresses, shirts, skirts, blouses, raincoats, slacks, and all kinds of clothing and home furnishings.

"I've heard all that before," say the scoffers. "No such thing as permanent press; you still need the old iron."

No, ma'am, not any more. The thing about permanent press fabrics is that they really work.

And they work better when they're washed and dried the electric way.

Susan Kilby, home sales representative in Pulaski, says that the permanent press finish appears in a number of brandnames: Perma-Iron, Perma-Press, and so on. Two special treatments give the fabrics their special qualities: heat sensitive resin compounds, and heat.

The fabric is treated with the compounds. When exposed to high temperatures, say 325-500 degrees

Fahrenheit, they form a chemical bond that shapes the garment. Creases stay creased, flat areas stay flat. Clothing manufacturers use one of two methods: they impregnate the fabric, dry it, then cut, sew, and press the garment before the final curing, or heat treatment; or they impregnate and cure first, then do the cutting and sewing.

The first of these fabrics came out in 1964, when some 20-million yards were produced. In 1965 that jumped to 350-million yards, and this year, production might go to 700-million.

The beauty of the permanent press garments, aside from their obvious value to a harried mother, is that they actually finish better by being washed and dried electrically. Especially drying. That's because permanent press needs a measurable application of heat, plus a cool-down period, and that treatment comes only through tumble dryer. And everybody knows that electric dryers do the best job.

Care must be taken, however, to remove the

Roaming Lion



If you're a Lions International Director, what do you get out of it?

Well, says Richard Ruff, who is one, you get a great deal of travel; you pick up a lot of honorary titles; you eat innumerable Lions luncheons and dinners, and you collect a houseful of gifts.

And you get to know and understand people from all over the world, and find out what makes them tick and maybe—just maybe—the world is a better place because you've done that.

Mr. Ruff is power sales engineer in Welch. Twenty years ago he joined the Lions Club, and before you could say Lions International, he had filled all of the club jobs, and had become district governor, and carried a 19-year perfect attendance record with him. At the Lions Convention in Los Angeles in 1965, he was elected an International Director, and that's when the show hit the road.

In that function he has visited 17 states, Canada, Mexico, and England. He represented Lions International at the dedication of the Medal of Honor ceremony at Freedoms Foundation, and has visited all 187 Lions Clubs in West Virginia, and traveled about a quarter of a million miles doing it.

Returning from his forays, he and his wife have unpacked silverware, copperware, rose rocks from Oklahoma, and hats. He has the first key-to-the-city presented by Cullman, Alabama; he is a deputy sheriff in Texas, a colonel in Kentucky, and an admiral in Nebraska. He and his wife have tried to eat with chopsticks—in Miami, of all places, under the tutelage of a couple from Japan, and with other couples from France, The Netherlands, and West Virginia. He's been on a tour of the White House, and liked it better than Windsor Castle and Buckingham Palace, which he and his wife have also visited.

All that is on the fun side. Things can be difficult too: the Ruffs have been snowbound in Massachusetts, and have lost luggage in many places. Meeting schedules get fouled up, and sometimes there is a language problem.

But, to mountaineer Ruff perhaps the hardest job of all is to explain, especially to foreigners, just what the difference is between Virginia and West Virginia.

In spite of that, he declares that his job as International Director has been an unforgettable experience, and he feels a human kinship with people all over the world who will, probably, never see Welch, West Virginia.



Mr. Ruff, right, collects a ten-gallon hat and signs the guest book when he arrives at San Antonio, Texas. This red carpet airport treatment has become familiar to the traveling Lion.

CHARGE IT

"There's a better way . . . find it." So said Thomas Edison, and while he was speaking in generalities, he might have had the electric car in mind.

For today, with air pollution a growing problem, engineers are settling on the electric car as that better way. And while a practical economical electric car will mean noiseless, fumeless comfort on the nation's streets and highways, it will also mean an entire new area of growth in our company's load picture.

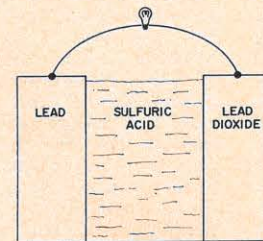
All over the country, in that rosy picture, car owners, before retiring for the night, will plug their vehicles into a convenient outlet for recharging. A new generation of service stations will grow up where the cry of "charge it" refers to the car and not the bill.

These aren't altogether idle dreams. They may not come true tomorrow, but the electric car was a reality 40 years ago, and now, with air pollution and traffic congestion pressures at work, it seems certain that it will become a reality again.

At least two major automakers have been working to produce a practical electric car which would not be dependent on the heavy, cumbersome lead-acid storage batteries that have so far been the major drawback to electric automobiling.

In October, Ford Motor Company announced a "major break-through" in battery technology. The company's researchers had produced what Michael Ference, Jr., vice president, called "a unique ceramic material which has made possible an en-

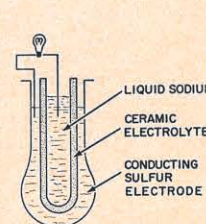
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SOLID REACTANTS, LIQUID ELECTROLYTE

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garments from the dryer immediately when the cycle is completed, and put on hangers. If not, they settle into a lump and some wrinkles form; this is no cause for alarm. Margie Lee, home sales representative in Roanoke, says that if that happens, put a damp towel into the dryer with the clothes and run them through the cycle again.

Automatic laundry equipment, always the housewife's friend, becomes her partner with the new permanent press garments. Especially with growing children in the house, the combination of permanent press and electric washers and dryers more than ever means the elimination of hours of ironing work.

But, says Miss Kilby, exercise care in buying. Make sure that the garments you buy are permanent press; inspect them carefully, because if creases are in the wrong place, or if seams are uneven, or there are puckers where there ought not be any, those faults can't be removed.

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Progress is being made in the development of a feasible electric car. It promises noiseless, fumeless travel, and represents a great new prospect for our company and industry.

tirely new concept in electric battery development.

The feasibility of this new concept had been demonstrated in the laboratory, and further tests, he said, should lead to an "economical, rechargeable battery system which, adapted to a vehicle, would provide acceleration and range capabilities far superior to those available with the use of existing batteries. Materials for the battery—sodium, sulfur, and alumina soda, are inexpensive, plentiful, and light in weight.

Such a system promises to meet needs for an efficient, low-cost, compact electric vehicle requiring only overnight recharging.

Appalachian and AEP operating men smile happily when they contemplate what such a load would do for off-peak demand through the small hours of the night.

General Motors, meanwhile, displayed two battery powered vehicles, but warned that "major research and development programs lie ahead if such power systems are ever to become feasible for general use."

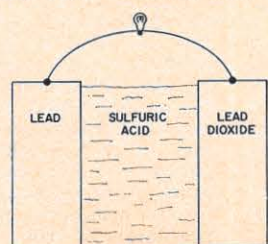
One of their vehicles, a test bed for motor and control development, is powered by a silver zinc battery pack. These batteries were used because of their ability to deliver high peak power and good energy storage. On the other side, however, they are costly, and wear out after 100 recharges. It can accelerate from 0 to 60 miles per hour in 16 seconds, and attain speeds up to 80 mph, but its travel range before recharge is only 40 to 80 miles.

Judging by the news coming from the auto industry, much work remains to be done before plugging-in one's car becomes a reality. The internal combustion engine apparently has a long life still ahead of it.

Ford's Ference said, "The field of electrical propulsion is a particularly complicated and sophisticated one. If progress comes slowly, it is because obstacles yield slowly. In this area, as in others, it is hard to time invention."

But still, everyone is agreed that "there is a better way . . ."

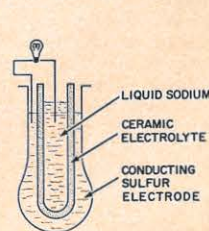
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Yes ma'am, it really works.



Charlene Lowe recommended the combination of new permanent press fabrics and electric laundry equipment as a means of enjoying holiday leisure.



Janet Yost looks over some of the 18 new small electrical appliances on the gift market this year, from a hot serving tray to a home barber set.

It's Beginning To Look A Lot

Like Christmas



Huntington girls offer ideas for holiday cooking, living, giving with how-to-do decorating ideas thrown in

!

Progress is being made in the development of a feasible electric car. It promises noiseless, fumeless travel, and represents a great new prospect for our company and industry.

ely new concept in electric battery development.

The feasibility of this new concept had been demonstrated in the laboratory, and further tests, said, should lead to an "economical, rechargeable battery system which, adapted to a vehicle, would provide acceleration and range capabilities far superior to those available with the use of existing batteries. Materials for the battery—sodium, sulfur, and alumina soda, are inexpensive, plentiful, and light in weight.

Such a system promises to meet needs for an efficient, low-cost, compact electric vehicle requiring only overnight recharging.

Appalachian and AEP operating men smile happily when they contemplate what such a load could do for off-peak demand through the small hours of the night.

General Motors, meanwhile, displayed two battery powered vehicles, but warned that "major research and development programs lie ahead if such power systems are ever to become feasible for general use."

One of their vehicles, a test bed for motor and control development, is powered by a silver zinc battery pack. These batteries were used because of their ability to deliver high peak power and good energy storage. On the other side, however, they are costly, and wear out after 100 recharges. It can accelerate from 0 to 60 miles per hour in 16 seconds, and attain speeds up to 80 mph, but its travel range before recharge is only 40 to 80 miles.

Judging by the news coming from the auto industry, much work remains to be done before plugging-in one's car becomes a reality. The internal combustion engine apparently has a long way still ahead of it.

Ford's Ference said, "The field of electrical propulsion is a particularly complicated and sophisticated one. If progress comes slowly, it is because obstacles yield slowly. In this area, as in others, it is hard to time invention."

But still, everyone is agreed that "there is a better way . . ."

Some folks hadn't even thought about Thanksgiving when Huntington's home sales representatives set up their Christmas center in an unused first floor office.

But the four—Beverley Bourne, Charlene Lowe, Virginia Black, and Janet Yost—felt that most housewives, the group they contact most, would have little time during the pre-holiday hustle to attend demonstrations of appliances and equipments.

So they set up their Christmas Center in October. Some counters were fabricated, appliances moved in, decorations put up, and meetings arranged. The demonstrations centered around one of three themes: Live Better Electrically, Cook Better Electrically, or Give Better Electrically.

To add another practical touch, Miss Bourne presented ideas to the homemakers on making Christmas decorations out of the ordinary materials found around the house.

Charlene Lowe handled the demonstrations of home laundry equipments, and pointed out the extra time these electric appliances provide their user. Virginia Black cooking electrically, offered special recipes for Christmas cooking. Janet Yost showed off a number of small appliances, noting that there are at least 18 new ones on the market this year.

The demonstrations can be handled by one of the girls, or by all four working together. The success that the pre-holiday Center enjoyed indicates that Santa is going to have a busy Christmas eve plugging in new appliances.



"Don't throw it away," Beverley Bourne told the ladies. Those bleach bottles, match boxes, paper cups, and so on can be turned into holiday decorations.



Oriental fruitcakes, and a ham glazed with a mixture of cream cheese and horseradish were among the cooking ideas presented by Virginia Black.



Mr. Athey

Mr. Grubb

Mr. Jefferson

Mr. Roberts

Four Mark Anniversaries Of Long Company Service

Two plant men, one from system accounting, and a fourth from Welch make up the long service anniversary list this month.

Marking 40 years with the company were Clayton A. Athey, shift operating engineer at Philip Sporn plant; Porter R. Grubb, garage foreman in Welch, and L. E. Jefferson, classification and accounts payable supervisor, in system accounting in Roanoke. T. A. Roberts, Jr., plant stores supervisor in the Radford steam plant, celebrated his 35th anniversary with the company.

Mr. Athey

All of Mr. Athey's 40 years of service has been spent in power plants. He started out in November 1926 as laborer in the Windsor plant of Beech Bottom Power Company. He worked there as a boiler room man and turbine operator before he was transferred in July 1949 to Sporn plant. At Sporn he worked as control operator and assistant shift operating engineer before he was promoted to shift operating engineer in 1961. He and his wife have four children and make their home in New Haven, W. Va.

Mr. Grubb

Mr. Grubb's 40-year career, spent entirely in the Welch-Bluefield area, has been a varied one. He started out in construction work,

and helped to build many of the facilities at Switchback. Later he worked as a truck driver, mechanic, and working foreman. He was made garage foreman in March, 1965. Mr. Grubb was for many years a member of the Welch Volunteer Fire Department. He attends First Presbyterian Church.

Mr. Jefferson

Mr. Jefferson started out as general clerk in the system accounting department in Roanoke in November 1926. Between that time, and 1950, when he was promoted to his present job, he worked as assistant classification supervisor and assistant department supervisor. In Roanoke he is a member of the Administrative Management Society, and is a Shriner. He and his wife attend First Presbyterian church, in which he has served five terms as clerk of the session. Mr. and Mrs. Jefferson have a daughter and a grandson.

Mr. Roberts

Mr. Roberts worked in the Pulaski and Roanoke divisions after he joined the company in 1931, and held assignments in the purchasing and stores department. In March 1942, he went into military service and put in four years with the Army. He returned to the company after the war, and was transferred to the Radford steam plant in July 1951. He lives in Pulaski.

Party Schedules Announced

Plans for Christmas parties for employees and children all over our three companies have been just about completed. The information available at press time is listed below, and in those locations where final details are not definite, employees will be notified by more direct means.

Appalachian

Abingdon: Employees will attend a buffet and dance in the Martha Washington Inn, December 16, beginning at 7 p.m. Children's parties are scheduled as follows: Gate City, December 9; Lebanon, December 12; Clintwood, December 13; Marion, December 14, and Abingdon, December 15. Movies, refreshments, and gifts will be the order of the day.

Beckley: A dinner dance at the Elks Club, dinner beginning at 7 p.m., has been scheduled for employees. The date is December 23. The children will convene in the auditorium at 10 o'clock in the morning December 17 for movies, gifts, and goodies.

Bluefield: Two adult parties, both dinner dances, will be held in Bluefield, one December 9 at the City Auditorium at 7 p.m., the other at the Elks Hall December 17 at 10 p.m. The big fellow who wears the red suit will be on hand at both to distribute gifts and live up the proceedings.

Charleston: In Charleston the adult party will be held, as usual, in the grand arena of the Civic Center. The date: December 16. The event: buffet dinner, followed by a dance and bingo.

The children's party will be at the State Theater Saturday morning December 10. You-Know-Who will be there with his bag slung across his back, full of gifts. Cartoons too.

The teenage party, with juke box and dancing and snacks, is scheduled for Saturday afternoon December 17 in the transportation building adjacent to the office.

Fieldale: The adult party is planned for Holiday Inn December 16 at 6 p.m. Youngsters will have their turn in the Fieldale office auditorium December 23 at 7 p.m.

Huntington: Dinner and dancing are planned for Huntington employees in the ballroom of the Hotel Frederick the night of December 16. Door prizes will be given. The children's party will be the next day in the Beverly Theater where, in addition to other activities, Santa will distribute gifts.

Logan-Williamson: Festivities here are spread out. In Logan there will be a dinner dance December 9, beginning at 7. The dinner will be in the Masonic Temple, and then the party will move to the Elks Club for dancing. In Williamson, the Mountaineer Hotel will be the scene of dinner and dance December 16, beginning at 6:30.

Children in the Williamson area will have a party December 10, in Logan, December 17. Both will be in the respective company auditoriums, and both will feature live entertainment and refreshments.

Lynchburg: Gathering at The Homestead, Lynchburg employees can look forward to dinner, entertainment, and the awarding of prizes. Santa Claus "and everything," as one observer put it, will feature the children's party, scheduled for the company auditorium December 10.

Point Pleasant: A dinner dance is planned for Point Pleasant area employees December 9 at the Moose Lodge. The following day the children will have a party in the State Theater with refreshments and a movie.

Pulaski: In this far-flung division, employees will gather in six locations for the annual Christmas festivities. On December 16, dinner parties will be held in the office buildings at Pulaski, Pearisburg, Galax, and Hillsville, and in Durham's in Wytheville. Christiansburg employees will christen their new auditorium with a Christmas party December 23. Time for all of these parties is 6:30. Final details for the children's parties are not known at press time, but they will be in Pulaski and Galax, and will feature refreshments, entertainment, and gifts.

Roanoke: Hotel Roanoke will again be the scene of the Roanoke employees' Christmas dinner dance December 10. Starting time is 7. Children will have two parties, divided alphabetically. These will be in the auditorium December 22 at 1:30 and 3:30 p.m.

Welch: Welch employees will enjoy food, fellowship, bingo and dancing at festivities scheduled for 7 p.m. December 16 in the American Legion Club in Welch.

Kentucky

Ashland: A buffet and dance for Ashland employees is planned for December 17 in the Elks Club, the party to begin at 6:30. Small children will have movies, games, and gifts in the Ashland auditorium on the afternoon of December 22, complete with a visit from St. Nick. Older children will celebrate with a skating party at Black's Roller Rink, date and time uncertain at this point.

Hazard: Dinner, door prizes, and games will feature the Hazard party. It's planned for 6:30 December 16 in the Roy G. Eversole School cafeteria. The children will gather the next day in the office auditorium with the traditional Santa Claus visit, plus cartoons and refreshments. Time: 2:30 p.m.

Pikeville: Group singing of carols will be a highlight of the Pikeville party December 16. The evening will begin at 6:30 with dinner in the company auditorium, followed by the singing, entertainment, a brief welcoming speech or two, and bingo, games, and dancing.

Next day in the auditorium, the children will see a tree, watch cartoons, visit with Santa Claus, and enjoy all kinds of treats.

Kingsport

The Ridgefield Country Club is the place, December 2 the date, and dinner and games the evening's program for Kingsport employees. For the children, movies, live entertainment, Santa Claus, and refreshments are planned for the company auditorium Saturday afternoon December 17.

Plants

Big Sandy: Big Sandy employees will have dinner together at the Henry Clay Hotel in Ashland on December 17, beginning at 7:45, and then move on to the Elks Club to join Ashland employees for dancing.

For the children the date for the Santa Claus party is uncertain, but there will be one, complete with the old gentleman, live entertainment, and the traditional good time. For the teenagers, there will be a record hop in the plant cafeteria December 15, 8 p.m.

Cabin Creek: Moms and dads will have a dinner dance at Humphrey's Driftwood Room in Charleston December 6. Children will congregate for their party at Chelyan Junior High School December 16.

Clinch River: Employees, wives and husbands, will cross the mountains to Abingdon's Martha Washington Inn December 3, there to dine and dance until one o'clock. The Highland Quintet will provide the music, and there will be other entertainment as well. Children will have a movie party at the Russell Theater in Lebanon December 17 at 9:30, and the teenagers will have a record hop December 29. Time and place not yet settled.

Glen Lyn: Glen Lyn employees' annual party will be held this year in the Oakvale High School December 10.

Kanawha River: This year's party will take the form of a dinner dance at the Mountaineer Room in Belle. The time is 6:30, the date, December 16.

Philip Sporn: Two parties, to accommodate shift workers, are being held. They'll be on December 13 and 14, both in the Moose Club in Point Pleasant. Both will feature dinner and dancing.

Teenagers will party December 10 in the St. Joseph Parish Hall in Mason, and the smaller children will have a movie and Santa Claus party in the Haven Theater, New Haven, December 17.



Mrs. Dunn

Familiar Voice Retires In Bluefield

Mrs. Marie Barlow Dunn, the voice of Bluefield, retired December 1, with nearly 40 years' service.

Mrs. Dunn was employed on August 9, 1927 as a telephone operator in the local accounting department in Bluefield and has continued as a PBX operator.

She was born at Maybeury, West Virginia, and prior to coming to work with the Appalachian Power Company she worked for Dr. T. E. Vass, Bluefield, West Virginia, from 1920 to 1925. In 1925 she went to work with the St. Luke's Hospital as a PBX Operator and worked there until she came to work with our Company.

She attended school at Bluefield, West Virginia, and lists housework as her hobby.

A member of the Lutheran Church, she resides at 1320 Montclair Street with her sister.

Ruritans Elect

Pete Blankenship

Charles E. "Pete" Blankenship, meter serviceman in Princeton area, has been elected president of the Lashmeet Ruritan Club.

Mr. Blankenship was born at Rock, West Virginia, and attended Spanishburg High School. He served in the United States Navy during 1942-45.

Fresh from the service he joined the company in 1945 as a laborer in the T&D department. He worked as a groundman, meter reader, service man and lineman, and in 1959 was made meter serviceman, his present position.

He is a member of the Matoaka Baptist Church, is married and has one son.

Yobaggy To Head Advertising Club

Robert T. Yobaggy, advertising supervisor, has been elected to fill the unexpired term of president of the Advertising Club of the Roanoke Valley.

He rises to the position from that of vice president. Mr. Yobaggy joined Appalachian in 1957 as a feature writer in the public affairs department. He has also held the position of assistant advertising supervisor.

He is a journalism graduate of the University of Tennessee.

He is a member of the Public Utilities Advertising Association and the Presbyterian Church. He is a former captain in the Army Reserve. He is married and has two children.



Appalachian Power Company

Abingdon Division

R. P. CUSSINS from lineman c to lineman b. H. F. PIERCE from T&D clerk to T&D clerk, sr. H. W. COX from T&D clerk to T&D clerk, sr. G. L. McCLELLAN from T&D clerk to T&D clerk, sr. HAROLD PARKS from T&D clerk to T&D clerk, sr.

Bluefield Division

SAMUEL J. CONNER from meter reader in Welch to lineman helper in Princeton. JAMES P. SUTPHIN from station man b to station man a.

Charleston Division

FRANCES P. WHITE from clerk trainee to cashier. CARL E. BUCK from lineman a to area serviceman. BASIL A. THAXTON from lineman to general serviceman. JACK B. WEAVER from stationman to engineer. THEODORE K. RHODES from truckdriver-groundman to line inspector. DELBERT F. BOGGESS from line inspector to R/W maintenance inspector.

Clinch River Plant

NORMAN GENE LESTER from laborer to utility man. HAROLD ELLIS JOHNSON from laborer to utility man. KENNETH DALE LAMBERT from laborer to utility man.

Glen Lyn Plant

E. B. COMER from maintenance helper to maintenance man.

Huntington Division

FRANCES JORDAN from clerk stenographer IV, to stenographer VII.

Kanawha River Plant

L. A. JOHNSON from system station man helper to test engineering aide.

Lynchburg Division

J. T. HILL from line inspector to right of way agent. JUDITH HOLT from clerk-trainee to general clerk. RALPH E. JOHNSON from pre-audit clerk to utility clerk.

Philip Sporn Plant

RAYMOND L. COLE from equipment operator to unit foreman. JOSEPH R. BAILEY from auxiliary equipment operator to equipment operator. KENNETH E. MATSON from utility operator to auxiliary equipment operator. JOHN F. HILL from utility man a to utility operator.

Roanoke Division

OSBY W. HARVEY, JR. from mail clerk to meter reader. HOWARD W. CHILDRESS from janitor, building service to lineman helper.



Mr. Blankenship



Mr. Yobaggy

Service Anniversaries Noted

30 Years



R. J. Siner
Roanoke



C. G. Allison
Kingsport



C. R. Paxton
Roanoke



C. G. Price Jr.
System



W. W. Champe
Charleston

25 Years



St. Elmo Murray
Roanoke



W. L. Dotson
Pulaski



E. E. Mossman
Sporn Plant



W. C. Kerley
Kingsport



F. C. Brown
Welch

20 Years



Harry D. Smith
Bluefield



W. A. Chaffins
Bluefield



Alfred H. White
Bluefield



W. L. Smythers
Abingdon



W. M. Haulsee
System



R. L. Overbay
System



Otto Russell
Ashland



A. B. Pairgin
Kingsport



J. L. Combs
System



W. E. Burgess
Logan-Williamson



Oscar Thompson
Logan-Williamson



Henry Kiser
Logan-Williamson



Burnice Sowell
Logan-Williamson



Leonard Justice
Logan-Williamson



L. R. Spangler
Roanoke



R. C. Simmons
Roanoke



H. H. Rasnick
Abingdon

SERVICE
These pins are awarded in recognition of years of faithful service. Each of these pins also recognizes the part the employee has played in the progress of the company during these years of service.



H. H. Farley Jr.
Beckley



Elsie H. Walker
Charleston



O. W. Adams
Welch

Frank Singer Retires From Transportation

Frank N. Singer, transportation engineer with the AEP Service Corporation in New York, retired November 1 after 16 years of service.

Since 1950, Mr. Singer approved the buying—and retiring—of some 600 vehicles a year and the setting-up of maintenance schedules for the AEP System's fleet of 3,000 vehicles.

Mr. Singer and his wife, Leona, will live in retirement at South Yarmouth on Cape Cod, Mass., where he plans to act as a safety and mechanical advisor to organized drag racing groups there.

Nuts To Squirrels

Squirrels can be troublesome.

The Point Pleasant area had 33 service interruptions during September alone, when the bushy-tailed critters got into power lines and blew fuses.

Bruce Langford, area serviceman in Ripley, explains the phenomenon by suggesting that the squirrels are moving out of the woods in search of food which a severe spring freeze has deprived them of. They climb the poles either to look for food or to escape dogs and cats which catch them away from their native habitat.

As to why squirrels, once up a pole, can't come down, Mr. Langford has a theory about that too. He says it's because the poles have no bark, and bark is what helps squirrels come down headfirst in the woods.

All servicemen in the area have been using switching sticks to induce the squirrels to jump down, and many cases of trouble have been avoided by the judicious use of such sticks.

Earl Adkins Authors Two

Articles In Operating Ideas

Earl Adkins, maintenance foreman at Kanawha River plant, was twice an author in the October issue of *AEP Operating Ideas*, with articles about improving boiler efficiency and on preventing valve leakage.

Appalachian was well represented in the issue, with Glen Nash of Bluefield, G. V. Kelley, Kanawha Valley Power Company, A. B. Purdy, system, and S. E. Robie of Charleston also contributing articles.

Mr. Adkins' major article dealt with a technique for blocking off a burner tip that might become clogged, and still keep the rest of the burner in service. No loss in efficiency is reported for the short duration necessary, and the device avoids curtailing load. Mr. Adkins also reported on the design of a protective collar for boiler safety valves. During cold weather, these valves began leaking, and tests revealed the fact that the leaks were caused by down drafts through the vent stacks. The collar permits the boiler to remain at full pressure until a scheduled outage, when the leak can be repaired.

Mr. Kelley, mechanical maintenance man at Kanawha Valley Power Company, and Mr. Purdy, system relay engineer in Charleston, collaborated to describe use of solid-state tachometers for control of KVP's nine hydrogenerator units. Installation of the devices will show an estimated reduction in annual maintenance costs of \$780.

A simple form letter to cover occupancy by outside persons of company land for such purposes as mowing weeds adjacent to their own land, or planting flowers or similar uses, was devised by S. E. Robie, right of way agent in Charleston. The form letter was reviewed by legal counsel, and is now signed by the person requesting permission. It provides the company with adequate protection of property rights, and generally simplifies the entire process of requesting and receiving permission for use.

Bluefield's Glen Nash cut a 30-gallon barrel in half, fastened it to the wall, and hung temporary hot line jumpers over it. In this way, the cable is protected from excessive bending or stress on the insulation, and housekeeping is improved.

And in the November issue, C. A. Simmons, Logan-Williamson divi-



Mr. Kelley



Mr. Purdy



Mr. Adkins



Mr. Robie



Mr. Simmons

sion engineer, described the ingenious method by which breakers in stations subject to lowland flooding were waterproofed.

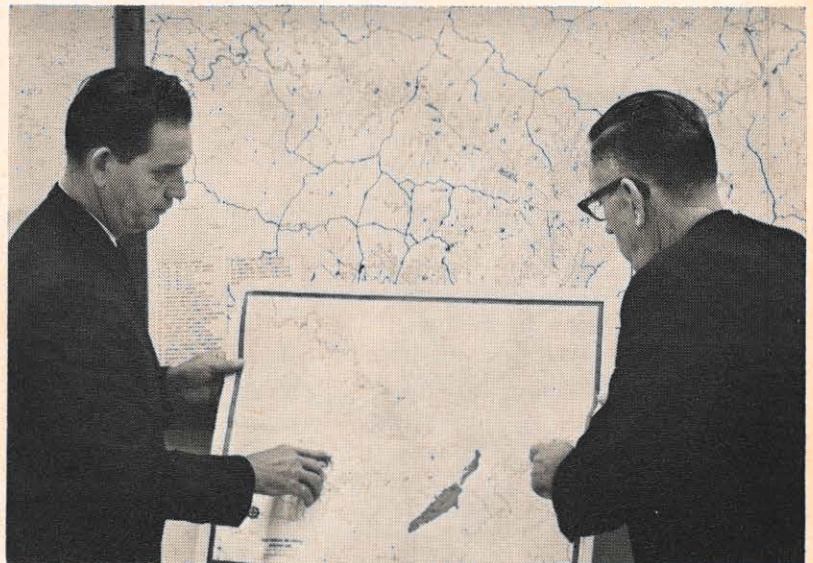
Once it was established that raising the breakers to a safe height was not practical, Mr. Simmons said that the idea was developed to seal the equipment in nylon reinforced plastic bags with bonded seams. The bags were permanently attached, and conduit and control wiring were rerouted to enter the control cabinet from the top. Cost of this work totaled \$250 to \$300 per breaker.

Ex-Glen Lyn Man Transfers To AEP

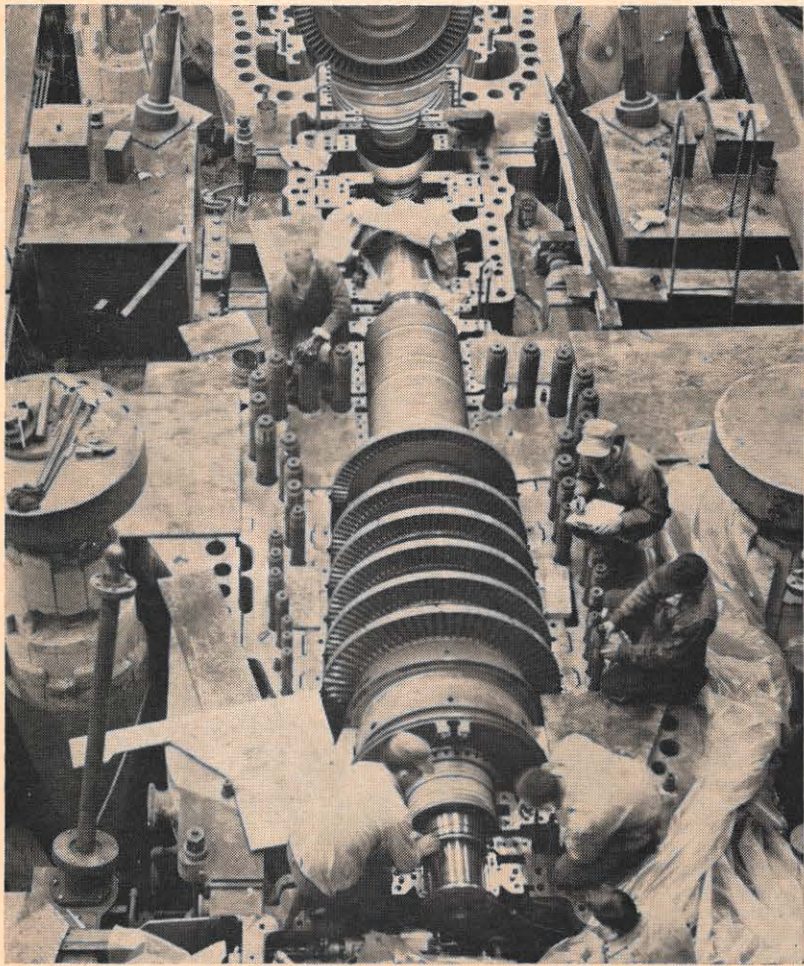
Patrick L. Grimes, assistant manager of the Tanners Creek plant of Indiana & Michigan Electric Company, will be transferred to the AEP Service Corporation engineering department for special project assignment.

Mr. Grimes has been with the AEP System for 31 years. He joined Appalachian Power Company's Glen Lyn plant as an assistant results engineer in 1935. Then followed assignments with the AEP Service Corporation in New York, again at Glen Lyn, at Ohio Power Company's Tidd plant, and, in 1950, he became assistant manager at Tanners Creek. Grimes is an alumnus of North Dakota State College.

Mapping For Sight



Bill Henley, left, and Clarence Brown, Roanoke system employees, and members of the Mt. Pleasant Lions Club, compare a map of the Smith Mountain lake area their club produced and sold, with a larger map in the company's office. Proceeds of the map sale by the club came to \$475, which it donated to the Roanoke Eye Bank. The club had set a goal of \$70. Altogether, about 6,500 maps were sold.



The workings of the two dismantled turbines of Sporn plant's Unit 5 are spread out as plant and manufacturer's personnel continue their inspection and repair work. The unit was taken out of service on a recently planned outage for a periodic check-up and for installation of new equipment and necessary repairs and replacement of parts.

People Places And Things



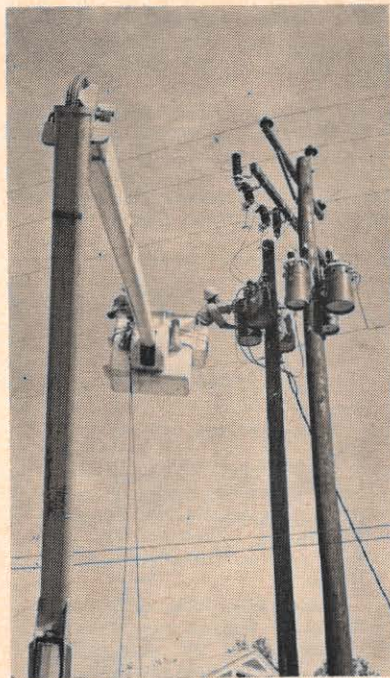
It was election time last month in company locations as well as the halls of Congress. At the top are the new officers of the Bluefield Girls' Service Club. In front are Helen Vermillion, vice president; Bonita Prutt, secretary. Back row: Eulalia Footo, treasurer, and Lina P. Light, president. More Bluefielders are in the second picture, the new officers of the Employees' Benevolent Association. They are Kenneth Jackson, treasurer; Eulalia Footo, secretary, and Thomas B. Henly, chairman. Over in Welch, the Old Timers Club, an organization of employees with more than 20 years of service, held their annual meeting last month, and elected officers for the coming year. The winners are shown in the third picture from the top: O. J. Bragg, vice president; A. G. Ferrell, president, and W. T. Lanter, secretary-treasurer. In the fourth picture, a move from West Virginia to Virginia, are the officers of the Fieldale Employees' Club: W. L. Nichols Jr., president; Phil Martin, vice president; Elaine Wilkerson, treasurer, and Dorothy Via, secretary.



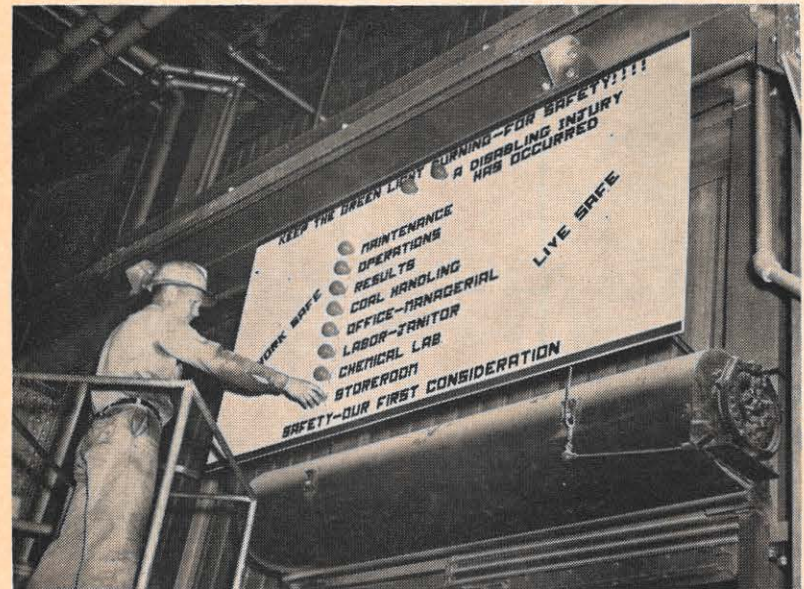
This is Mrs. Ada Grinstead and her blue-ribbon winning rooster. Not the kind that wakes up the neighborhood before dawn, this one is made of plywood and colorful bits of grain, seeds and beans, and the blue ribbon came from the Mason County Fair where the creation won a prize. Mrs. Grinstead's husband, Tom, is janitor at Sporn plant, and it was he who cut the rooster's shape out of plywood. Mrs. Grinstead did the rest. Her hobby, incidentally, is collecting roosters: china, pottery, iron, most anything.



Frank Cecil, who recently retired from the Christiansburg line crew, last month solved his transportation problems. He won a 1967 Corvair in a drawing sponsored by the Christiansburg retail merchants. Here, at right with Mrs. Cecil, he accepts the keys to his prize from W. H. Aldridge of the Merchants Committee. (Photo courtesy Christiansburg Messenger.)



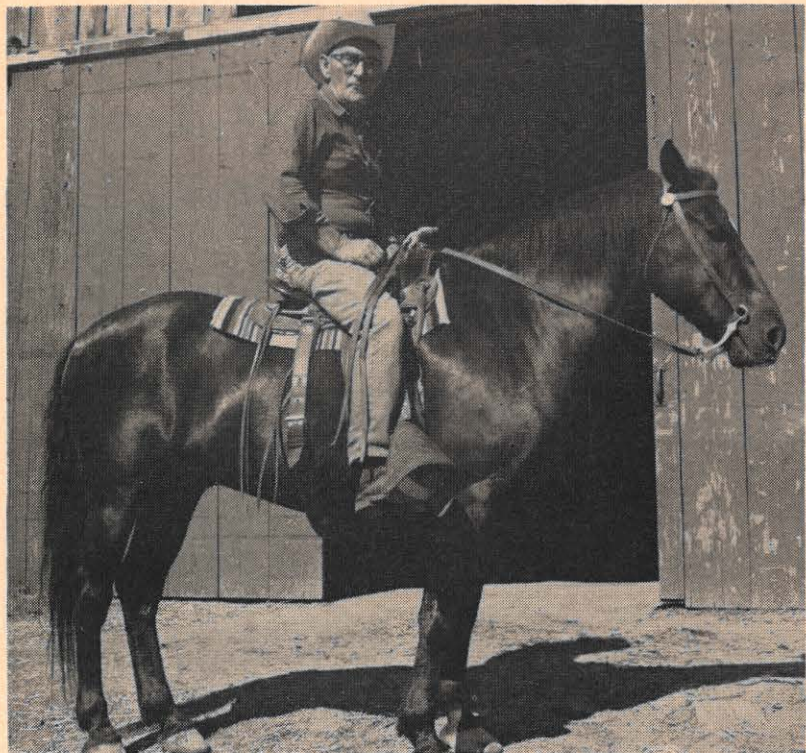
The Pulaski division recently cut into service its first section to the new 34.5-kv distribution line serving parts of the Roanoke and Pulaski divisions. The picture here was made near Hillsville when a two-man crew changed the line over from 12-kv to the higher voltage.



Noel McMillan puts the finishing touches to the latest in a series of safety promotional signs at Clinch River plant. This one gives a shining green light to major departments where safety is in motion, and a red light if the department suffers a lost-time accident.

Continuing their work in the field of sight conservation, the Williamson Lions Club has given an eye bank container to the Appalachian Regional Hospital. At the presentation were, from left, Ray Roberts, hospital administrator; Fred Varney, line and station supervisor in Williamson, and chairman of the Club's sight conservation committee, Jack Joffre, president, and Paul Smith, secretary, both of the Lions Club.





Warnie Felty sits astride one of the more than 100 horses he has bought, traded, or trained.

Horse Tradin' Is Good Way To Spend Your Time

Horse tradin' is a good way to spend your leisure time, says Warnie H. Felty of Ashland, and he practices what he preaches.

Since getting into the hobby about 10 years ago, the groundman and a partner have bought or trained and traded over 100 horses.

Warnie was born and raised on a farm and so his interest in horses began early. Then during World War II, he was stationed in the western states and added to his knowledge there.

When he decided he needed a hobby, horses were a natural. Now he and his wife and daughter live on a farm, where there is a large barn in which he rents space to people wishing to board horses. He also has his own there.

He explains that several things must be considered when trading or buying a horse. Checking the teeth is important, because young horses have certain teeth they will shed as they grow older, giving a good age indication. He suggests checking feet is important too, because you do not want to get a horse with sore ones.

When selling a horse, Warnie always tells the customer the truth about the animal. Then they will return for further transactions. "Once you cheat a man," Warnie says, "he won't deal with you any more."

Whether it's tradin' or trainin', Warnie has found a hobby he thinks is perfect.

Joe Kiser Named To All-Star Team

Virginia District VII has chosen the son of a Clinch River plant employee as a member of its annual all-star football team.

He is Joe Kiser, son of Paul C. Kiser, coal equipment operator. Young Kiser's defensive play from his tackle position was one of the reasons for Lebanon High School's 8-1 record and the District VII championship.

Joe plans to study electrical engineering in college next year, and hopes to play college football.

Carson Blazes New Record

All in all, it was quite a night for Jim Carson of Roanoke.

Games of 210, 254, and 221 gave him a set score of 685 and several records, as he bowled in Roanoke's Appalachian League for his team, Local Office.

The scores:

—were a new record for a set for the league, exceeding Kenny Hern's 1964 set of 670.

—set a season-high set score among all of Roanoke's 58 leagues.

—gave Carson season highs in the league for individual scratch (254), individual handicap (284), individual scratch set (685), and individual handicap set (775).

—enabled his team to record high game (983), high handicap game (1108), high team set (2757), and high team handicap (3132).

Carson was carrying a season average of 159.

In the league, System Station continues in top spot with a 25-8 record, and Stores is second. Local Office moved up to third.



These Big Sandy golfers took trophies in the plant's golf league. In front are Art Hill, Mike Babinetz, and Leonard Compton. In the rear are Tommy Jenks, Pryce Maloney, and Gary Miller.



Huntington's winning golf team was made up of, from left: Ted Smith, Ray Wagner, Allan Cross, and Joe Kovich.

Two Golf Leagues End Seasons With Trophies

The Big Sandy Plant and Huntington Division Golf Leagues have completed seasons and awarded winners.

At Big Sandy, Gary Miller and Mike Babinetz won the team award, with Pryce Maloney and Richard McComas the runner-up team.

The 18 league members played an 18-week schedule. Other awards included: Tommy Jenks, low actual score; Mr. Maloney, low handicap; Leonard Compton, most improved golfer; and Arthur Hill,

participant exhibiting the most courage.

At Huntington, three teams competed in a play-off for the championship. The winning team consists of Ray Wagner, Ted Smith, Joe Kovich, and Allan Cross. They recorded a net score of 188.

Second place went to Bill Gillmour, Paul Vannoy, Bob Miller, and Milt Cole. Third place went to Monte Huffman, Bill Witzel, Byron Hunt, and Beverly Bourne. This league had seven teams.



Joe Carson shows his record-setting form.

Personals

(Continued from page 5)

System

Real Estate and Right of Way

James L. Thomas, a senior at Lenoir-Rhyne College, has been named to the new edition of Who's Who in American Colleges and Universities. The son of R. M. Thomas, he is majoring in English, and has acted in seven productions of the Lenoir-Rhyne Playmakers. He is on the Dean's List, is a nominee for a Woodrow Wilson National Fellowship, is vice president of Alpha Psi Omega, dramatics fraternity, and chairman of the student government commission on judicial review.

Transmission & Distribution

R. L. Clinevell and R. D. Gardner are new employees in the line department, and Herbert R. Skelton in the station department. . . Louise DeHart, daughter of Mr. and Mrs. Robert DeHart, St. Albans, a senior at West Virginia State College, has pledged Beta Sigma Phi Sorority.

Lynchburg

Carolyn A. Wood and Norman Fowler have joined the T&D department, she as clerk-typist, he as lineman helper. . . Grace Miller has resigned.

Fireproof



It doesn't take much effort to fireproof a Christmas tree to guard against tragedy. Mix up in a gallon of water nine ounces of borax, four ounces of boric acid, and a tablespoon of low sudsing detergent. With a sprinkling can thoroughly saturate your tree with this solution. It won't discolor the tree or affect it

in any way except to make it fireproof. The pictures above show how effective the treatment can be. In the test, rags soaked with kerosene were lighted under each. The untreated tree blazed furiously, the treated would not support its own combustion, and when the rag went out, so did the blaze.



Appalachian Power Company

ABINGDON DIVISION—30 YEARS: S. H. BRYANT, area serviceman. 20 YEARS: R. L. CARTER, area serviceman. W. L. SMYTHERS, engineer.

BLUEFIELD DIVISION: 40 YEARS: P. R. GRUBB, garage foreman. 25 YEARS: F. C. BROWN, T&D clerk, sr. 20 YEARS: O. W. ADAMS, area superintendent.

CHARLESTON DIVISION: 30 YEARS: WOODROW W. CHAMPE, general serviceman. E. A. BERGINNIS, line foreman. 20 YEARS: ELSIE H. WALKER, customer service clerk. H. H. FARLEY, JR., engineering aide. 15 YEARS: CHARLES I. WALKER, JR., division dealer sales representative. 10 YEARS: W. L. WALKER, head material clerk. 5 YEARS: L. M. SHEPHERD, janitor.

CLINCH RIVER PLANT: 10 YEARS: GILES B. CARTER, maintenance man. 5 YEARS: PERRY E. MILLER, helper.

HUNTINGTON DIVISION: 15 YEARS: A. V. PACK, meter serviceman. K. G. ROUSH, lineman. 10 YEARS: R. L. BURNAM, heating & building sales rep. G. C. HICKS, lineman. T. J. MCCOMAS, T&D clerk.

LOGAN-WILLIAMSON: 20 YEARS: OSCAR THOMPSON, groundman. HENRY KISER, head T&D clerk. BURNICE SOWELL, auto repairman helper. LEONARD JUSTICE, meterman. W. E. BURGESS, janitor. 10 YEARS: R. C. ATKINS, meter serviceman.

PHILIP SPORN PLANT: 40 YEARS: CLAYTON A. ATHEY, shift operating engineer. 25 YEARS: ELSIE E. MOSSMAN, asst. shift operating engineer. 15 YEARS: PAUL E. STEWART, maintenance man. ERNEST L. DAMEWOOD, maintenance man. WILLIAM H. JONES, instrument maintenance man. WILLIAM R. DOOLITTLE, equipment operator. EDGAR A. ARNOTT, maintenance man.

PULASKI DIVISION: 25 YEARS: W. L. DOTSON, truck driver-groundman. 10 YEARS: BARBARA B. MARSHALL, contract clerk. BENJAMIN R. WHITE, customer service clerk.

ROANOKE DIVISION: 30 YEARS: C. R. PAXTON, senior electrical engineer. R. J. SINER, engineering aide. 25 YEARS: ST. ELMO MURRAY, meterman c. 20 YEARS: R. C. SIMMONS, groundman. I. LEE ROY SPANGLER, PBX operator.

SYSTEM: 40 YEARS: L. E. JEFFERSON, classifications and accounts payable supervisor. 30 YEARS: HELEN B. DOUGLAS, payroll clerk. C. G. PRICE, JR., staff assistant. 20 YEARS: W. M. HAULSEE, regional assistant chief operator. R. L. OVERBAY, system station operator. J. L. COMBS, system transmission man b. 15 YEARS: J. E. MOORE, system station man. 10 YEARS: F. W. ISLEY, regional dispatcher. 5 YEARS: W. F. MOORE, operations office supervisor.

Kingsport Power Company

30 YEARS: C. G. ALLISON, stores supervisor. 25 YEARS: W. C. KERLEY, meter foreman. 20 YEARS: A. B. FAIRGIN, engineering aide. 15 YEARS: J. V. BOWMAN, appliance serviceman.



Work is still continuing on the new Goodyear Tire & Rubber Company plant in Danville, even though the first tire has been produced. Full production, meaning employment for as many as 600 persons, will be



reached by April. At right, Governor Mills Godwin, standing left, chats with Richard W. Beaver, president of Electro Plastic Fabrics, in the course of ceremonies dedicating the firm's new plant.

Governor Hails Community Enterprise

A new tire rolling out of a new plant and two dedication speeches by the Governor of Virginia marked progress in industrial development in Virginia last month.

The tire came from the production line of the new plant of the Goodyear Tire & Rubber Company plant in Danville, which will reach full production by April. The plant covers 600,000-feet of floor space, is 2,000 feet long, and represents an investment of about 15-million. From 500 to 600 persons will be employed. Appalachian is completing a 69,000-volt substation

near the plant to serve its electrical needs. A mobile transformer, feeding from a loop, is doing the job until the station is completed.

Governor Mills E. Godwin made his two appearances in Pulaski, and spoke in complimentary terms about the kind of community spirit that solves problems. He spoke at the dedication of Coleman Furniture Company's five-story, 300,000-square foot addition to its existing plant in downtown Pulaski, and the new building housing the Electro Plastic Fabric Inc. on the outskirts of the city.

At the latter place he praised the efforts of the community leaders, working with the Small Business Administration, to provide a new home for the firm after fire destroyed its old plant.

In prepared remarks at the annual banquet of the Chamber of Commerce, Governor Godwin tied successful industrial development efforts to the quality of local education. "When a community goes fishing for new industry," he said, "the best lure in the whole tackle box is a good school system."

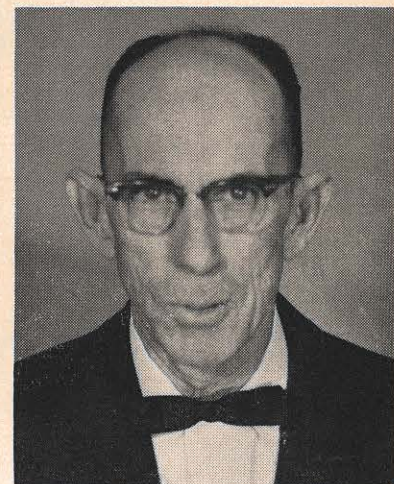
Doc Neeley Looks Forward To Active Retirement Years

Ending a career of 36 years, and looking forward to years of gardening, fishing, and coin-collecting, Charles J. Neeley has retired as Charleston division general serviceman.

Better known as "Doc," Mr. Neeley started out back in 1930 as a tree-trimmer, a job title, he recalls, that meant more than just trimming trees. He was sometimes a groundman, sometimes a truck driver, and sometimes a lineman helper. In 1934 he became a lineman, and worked later as working foreman until his promotion in 1953 to general serviceman.

The differences between company operations in 1930 and today are many, he says, but they are the most apparent in the field of safety. Horseplay nearly four decades ago was fairly widespread, and often a crew would push one of its number off the line truck. With roads and traffic being what they were, however, the man would only have to sprint a little to catch up and climb back aboard. Remembering those days, Mr. Neeley shakes his head in dismay.

Improvements in teaching and practicing safety over the years represent to him an achievement equal to the great technological



Mr. Neeley

strides made by the company during the same period.

Mr. Neeley has some land up the Elk River, and intends to stay there in retirement with his wife, enjoying the Charleston scenery and three grandchildren close by. Gardening, hunting, fishing, wood-working, and coin-collecting will also occupy his time.

Kiwanis Club Elects

R. J. Cruickshank

Robert J. Cruickshank, performance engineer at the Philip Sporn plant, is the new president of the Point Pleasant Kiwanis Club.



Mr. Cruickshank joined the company June 16, 1958 as a test engineer at the plant. On June 2, 1959 he was granted a military leave of absence and served in the U. S. Army as a first lieutenant until January 1, 1963. He was promoted to his present position July 1, 1966.

Mr. Cruickshank was born at Huntington, W. Va. and graduated from VPI in 1958. He and his wife, Barbara, have three children and reside in Point Pleasant.

Jimmy Evans Says:

Enjoy Retirement By Planning For It

One of the pleasures of retirement, according to Huntington's Jimmy Evans, is sleeping until eight o'clock every morning, three hours more than he used to in the days when he was working for the station department.

But this is not to say that Mr. Evans spends his retirement time in idleness. To the contrary, his days are filled with activities, and not spur-of-the-moment activities either. All of this was planned—even the extra three hours of sleep.

Mr. Evans is a firm believer in making plans, and his advice to his Appalachian friends who are approaching retirement is to do the same. "Today—now—is the day to start thinking about retirement and making plans for it," he declares, "and the earlier you start to think about it, the more you will enjoy it when the time comes."

The late sleeping idea is a good

example of how he changed his habits. Every working day for 41 years he arose at 5 because he didn't like to rush through his breakfast and hurry to work. At retirement, this was no longer a problem, so he decided to take three hours more. In spite of his planning, however, he may have to cut back on that, because, he finds there aren't quite enough hours in the day for his many projects. He has assumed the duty of preparing breakfast, thus allowing Mrs. Evans a little bit of retirement too.

Traveling

These projects include travel. One of the first things he did after retiring was buy a van and convert it into a mobile camper. He and his wife are now free to go where they

please and stay as long as they like. Then he acquired a small boat and trailer; he and his wife explore the rivers in the tri-state area, and if they don't catch many fish, who cares?

He bought a farm of 125 acres out in Wayne County and built a summer camp there. Working his garden, playing with his tractor, mowing the grass, and talking to the neighbors takes up a good bit of his time. So too does his work in the Second Presbyterian Church, and the donation of his own person to play Santa Claus for the children.

Mr. Evans is active in the Citizens Band Radio Club, and takes part in many of their functions. And Mrs. Evans has a list of household chores she drew up before his retirement, and he works at that when he is bored doing other things.

But chores and all are put aside when travel time comes. Mr. and Mrs. Evans visit their son and his four children in Michigan, and friends in Florida.

Happiness to Jimmy Evans is a busy retirement.

Education Awards

Attract 289 Youths To Competition

A total of 289 children of AEP System employes competed on December 3 for 27 awards of \$1,000 each in the AEP System Education Awards Program. It was the second greatest number in the program's 11-year history.

Names of this year's 27 award winners will be announced about February 1. The winners will be chosen on the basis of their scores in the standard College Entrance Board Scholastic Aptitude Tests, school records and other personal information provided by the applicants.

This year's contestants were divided almost evenly—148 boys and 141 girls. By companies, they were: Appalachian Power Company, 80 contestants; Indiana & Michigan Electric Company, 46; Kentucky Power Company, 24; Kingsport Power Company, 6; Ohio Power Company, 102; Wheeling Electric Company, 9; and the AEP Service Corporation, 22.

The record participation was 314 in 1964.

New Station Serves Park, College

A major new substation and electric lines to serve the new Pipestem State Park and provide another source of power for Athens and Concord College area near Bluefield will be built by Appalachian at a cost of \$600,000.

The area is presently served from the company's Princeton substation and that the new substation, to be known as Speedway station, will further strengthen electric service in the area.

The 20,000-acre state park, being developed near Pipestem in Summers and Mercer Counties, will have year-round recreational facilities, including electrically heated cabins and lodges. It will also have three golf courses, and aerial tramway, and other facilities.

Another new electrical load in the area which the station will help serve is the new dormitory and expansion of other facilities at Concord College. This \$2-million project was announced recently. The park and the college are located six miles apart, and the new substation is to be built between them.

The new substation will serve others in the area, which has been experiencing a growth rate of seven per cent annually.

Power will be fed into the new substation at 138,000 volts from the 138,000 volt line from Glen Lyn plant to Switchback, by nine miles of new line.



One of the new industries located in the area of Pipestem Park is, appropriately enough, pipestems. Robert Vest, above, owns a farm on which grow Cornus Amomum, a member of the dogwood family. Its branches are hollow stems, used since the time of the Indians for pipestems. Mr. Vest now cuts and dries the stems, inserts them into corncobs, and—presto, corncob pipes.

At Speedway, the power will be stepped down to 12,000 volts to be distributed over additional lines.

EEI Survey Shows Nuclear Plant Rise

More than half of the new electrical generating capacity ordered in the first nine months of this year was in nuclear plants, according to a survey made by the Edison Electric Institute.

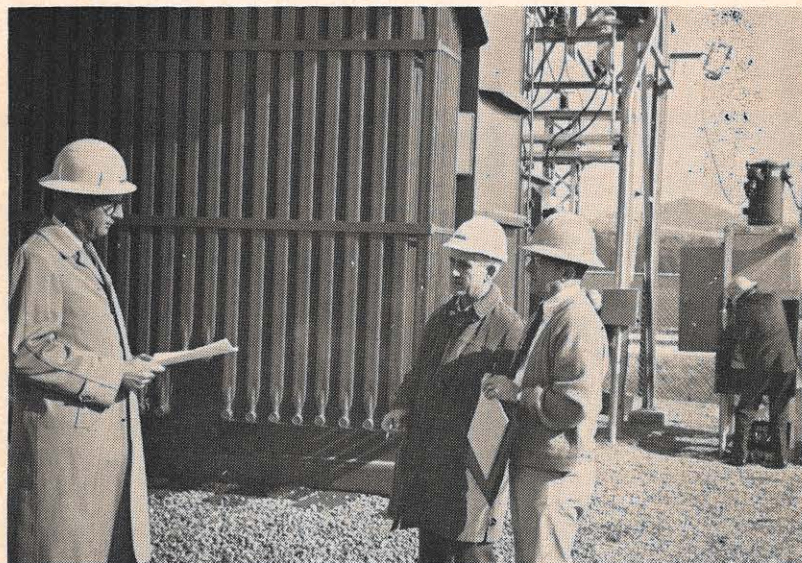
A record 100-million kilowatts of new capacity is scheduled to be placed in operation through 1970. Of this, 9.3 per cent went into service in the first nine months of this year, and the remainder was being installed or on order as of October 1, 1966.

The EEI report also said that the summer peak load of electricity was 204-million kilowatts, 9.5 per cent higher than the previous years.

More than half of the capacity of the industry's present expansion program is represented by 75 units of 500,000-kw or more. Four of these have a capacity of more than one million kilowatts each.

Electric energy output of the total electric utility industry of the contiguous United States is forecast at 1,145-trillion kilowatthours for 1966 by the EEI. If this forecast is accurate, it will represent a growth of eight per cent over the actual 1965 output. EEI also projects an output of 1,408-trillion kilowatthours in 1969.

Interconnection



A second source of power for the Red Hill area in the Lynchburg division, and another tie with the Virginia Electric & Power Company became effective last month when the new Red Hill station was put into service. The station is located at the northernmost tip of Appalachian's Virginia service area, six miles from Charlottesville. J. E. Ames, left, VEPCO division manager, discusses the cut-in work with R. L. Hatch, Lynchburg station supervisor, and Edsel Johnson, system.